

# TriMed FHIR Sample Responses

## 1.AllergyIntolerance

a) URL = <https://fhir.trimed.cloud/AllergyIntolerance?Patient=1234>

HTTP verb = GET

Parameters:

- **Patient** - required
- **identifier**
- **gender**
- **name**
- **birthdate**
- **\_revinclude**

Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/allergyintolerance?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/AllergyIntolerance/11574",
      "resource": {
        "resourceType": "AllergyIntolerance",
        "id": "11574",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "AllergyIntolerance"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a allergyintolerance for the *US Core AllergyIntolerance Profile*."
            }
          ],
          "profile": [
            "http://hl7.org/fhir/us/core/StructureDefinition/us-core-allergyintolerance"
          ],
          "clinicalStatus": {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-clinical",
                "code": "active",
                "display": "Active"
              }
            ]
          },
          "verificationStatus": {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-verification",
                "code": "confirmed",
                "display": "Confirmed"
              }
            ]
          },
          "category": [
            "medication"
          ],
          "criticality": "low",
          "code": {
            "coding": [
              {
                "system": "http://snomed.info/sct",
                "code": "328568007",
                "display": "Product Containing Sunflowerseed Oil"
              }
            ],
            "text": "Product Containing Sunflowerseed Oil"
          },
          "patient": {
            "reference": "Patient/1234",
            "display": "LEVITICUS Y. MAY"
          },
          "reaction": [
            {
              "manifestation": [
                {
                  "coding": [
                    {
                      "system": "http://snomed.info/sct",
                      "code": "43364001",
                      "display": "Abdominal Discomfort"
                    }
                  ],
                  "text": "Abdominal Discomfort"
                },
                {
                  "coding": [
                    {
                      "system": "http://snomed.info/sct",
                      "code": "386584007",
                      "display": "Adrenal Cortical Hypofunction"
                    }
                  ],
                  "text": "Adrenal Cortical Hypofunction"
                }
              ]
            }
          ]
        }
      }
    }
  ]
}
```

b) URL = <https://fhir.trimed.cloud/AllergyIntolerance/11574>

HTTP verb = GET

Parameters:

- **Patient**
- **\_search** - required -Unique ID from Previous method
- **identifier**
- **gender**
- **name**
- **birthdate**

Sample JSON response:

```
{
  "id": "11574",
  "resourceType": "AllergyIntolerance",
  "meta": {
    "extension": [
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
        "valueString": "AllergyIntolerance"
      },
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
        "valueMarkdown": "This is a allergyintolerance for the *US Core AllergyIntolerance Profile*."
      }
    ]
  },
  "profile": [
    "http://hl7.org/fhir/us/core/StructureDefinition/us-core-allergyintolerance"
  ],
  "clinicalStatus": {
    "coding": [
      {
        "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-clinical",
        "code": "active",
        "display": "Active"
      }
    ]
  },
  "verificationStatus": {
    "coding": [
      {
        "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-verification",
        "code": "confirmed",
        "display": "Confirmed"
      }
    ]
  },
  "category": [
    "medication"
  ],
  "criticality": "low",
  "code": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "328568007",
        "display": "Product Containing Sunflowerseed Oil"
      }
    ]
  },
  "text": "Product Containing Sunflowerseed Oil",
  "patient": {
    "reference": "Patient/1234"
  },
  "reaction": [
    {
      "manifestation": [
        {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "43364001",
              "display": "Abdominal Discomfort"
            }
          ]
        },
        {
          "system": "http://snomed.info/sct",
          "code": "386584007",
          "display": "Adrenal Cortical Hypofunction"
        }
      ]
    },
    {
      "text": " Abdominal Discomfort, Adrenal Cortical Hypofunction"
    }
  ]
}
```

c) URL = [https://fhir.trimed.cloud/AllergyIntolerance/\\_search](https://fhir.trimed.cloud/AllergyIntolerance/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- **Patient** - required

**Sample JSON response:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/allergyintolerance?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/AllergyIntolerance/11574",
      "resource": {
        "resourceType": "AllergyIntolerance",
        "id": "11574",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "AllergyIntolerance"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a allergyintolerance for the *US Core AllergyIntolerance Profile*."
            }
          ]
        },
        "profile": [
          "http://hl7.org/fhir/us/core/StructureDefinition/us-core-allergyintolerance"
        ],
        "clinicalStatus": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-clinical",
              "code": "active",
              "display": "Active"
            }
          ]
        },
        "verificationStatus": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-verification",
              "code": "confirmed",
              "display": "Confirmed"
            }
          ]
        },
        "category": [
          "medication"
        ],
        "criticality": "low",
        "code": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "328568007",
              "display": "Product Containing Sunflowerseed Oil"
            }
          ]
        },
        "text": "Product Containing Sunflowerseed Oil",
        "patient": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "reaction": [
          {
            "manifestation": [
              {
                "coding": [
                  {
                    "system": "http://snomed.info/sct",
                    "code": "43364001",
                    "display": "Abdominal Discomfort"
                  }
                ]
              },
              {
                "system": "http://snomed.info/sct",
                "code": "386584007",
                "display": "Adrenal Cortical Hypofunction"
              }
            ]
          },
          {
            "text": " Abdominal Discomfort, Adrenal Cortical Hypofunction"
          }
        ]
      }
    }
  ]
}
```

## 2.CarePlan

a) URL = <https://fhir.trimed.cloud/CarePlan?Patient=1234>

HTTP verb = GET

Parameters:

- Patient - required
- identifier
- gender
- name
- birthdate
- category
- \_revinclude

**Sample JSON response:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [ { "relation": "self", "url": "https://fhir.trimed.cloud/careplan?patient=1234" } ],
  "entry": [ {
    "fullUrl": "https://fhir.trimed.cloud/CarePlan/5714",
    "resource": {
      "resourceType": "CarePlan",
      "id": "5714",
      "meta": {
        "extension": [ { "url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "CarePlan" }, { "url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a careplan example for the *US Core CarePlan Profile*." } ],
        "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-careplan" ]
      },
      "text": {
        "status": "generated",
        "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003Cstrong\u003EAssessment and Plan\u003C/strong\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003C/div\u003E",
        "status": "completed",
        "intent": "order",
        "category": [ { "coding": [ { "system": "http://hl7.org/fhir/us/core/CodeSystem/careplan-category", "code": "assess-plan", "display": "Assessment and Plan of Treatment" }, { "system": "http://snomed.info/sct", "code": "50866000", "display": "Childhood absence epilepsy" }, { "system": "http://snomed.info/sct", "code": "42228007", "display": "Acne conglobata" } ] } ],
        "title": "Acne",
        "description": "= Duration\r\nY N prior Treatment\r\nY N willingness, desire to be compliant with daily topical meds\r\n-----\r\n\r\nIf Y \u0026 N are both present - \r\nquestion was not asked or answered, Test General Plan text for Leviticus May, Absence seizure, not intractable, without status, Acne conglobata",
        "subject": { "reference": "Patient/1234", "display": "LEVITICUS Y. MAY" },
        "period": { "start": "2022-07-25" },
        "created": "2022-07-25",
        "careTeam": [ { "reference": "CareTeam/1234" } ]
      },
      "fullUrl": "https://fhir.trimed.cloud/CarePlan/5716",
      "resource": {
        "resourceType": "CarePlan",
        "id": "5716",
        "meta": {
          "extension": [ { "url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "CarePlan" }, { "url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a careplan example for the *US Core CarePlan Profile*." } ],
          "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-careplan" ]
        },
        "text": {
          "status": "generated",
          "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003Cstrong\u003EAssessment and Plan\u003C/strong\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003C/div\u003E",
          "status": "completed",
          "intent": "order",
          "category": [ { "coding": [ { "system": "http://hl7.org/fhir/us/core/CodeSystem/careplan-category", "code": "assess-plan", "display": "Assessment and Plan of Treatment" }, { "system": "http://snomed.info/sct", "code": "423279000", "display": "Refractory migraine without aura" }, { "system": "http://snomed.info/sct", "code": "230473009", "display": "Chronic cluster headache" } ] } ],
          "title": "Headache",
          "description": "Test General Plan text for Leviticus May, Chronic migraine w/o aura, intractable, w status migrainosus, Chronic cluster headache, intractable",
          "subject": { "reference": "Patient/1234", "display": "LEVITICUS Y. MAY" },
          "period": { "start": "2022-07-25" },
          "created": "2022-07-25",
          "careTeam": [ { "reference": "CareTeam/1234" } ]
        }
      }
    }
  ]
}
```

b) URL = <https://fhir.trimed.cloud/CarePlan/5714>

HTTP verb = GET

Parameters:

- **Patient**
- **\_search** - required -Unique ID from Previous method
- **identifier**
- **gender**
- **name**
- **birthdate**
- **category**

**Sample JSON response:**

```
{
  "resourceType": "CarePlan",
  "id": "5714",
  "meta": {
    "extension": [
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
        "valueString": "CarePlan"
      },
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
        "valueMarkdown": "This is a careplan example for the *US Core CarePlan Profile*."
      }
    ]
  },
  "profile": [
    "http://hl7.org/fhir/us/core/StructureDefinition/us-core-careplan"
  ],
  "text": {
    "status": "generated",
    "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003Cstrong\u003EAssessment and Plan\u003C/strong\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003Cdiv\u003E"}
  },
  "status": "completed",
  "intent": "order",
  "category": [
    {
      "coding": [
        {
          "system": "http://hl7.org/fhir/us/core/CodeSystem/careplan-category",
          "code": "assess-plan",
          "display": "Assessment and Plan of Treatment"
        },
        {
          "system": "http://snomed.info/sct",
          "code": "50866000",
          "display": "Childhood absence epilepsy"
        },
        {
          "system": "http://snomed.info/sct",
          "code": "42228007",
          "display": "Acne conglobata"
        }
      ]
    }
  ],
  "title": "Acne",
  "description": "= Duration\r\nY N prior Treatment\r\nY N willingness, desire to be compliant with daily topical meds\r\n-----\r\n\r\nIf Y \u0026 N are both present - question was not asked or answered, Test General Plan text for Leviticus May, Absence seizure, not intractable, without status, Acne conglobata",
  "subject": {
    "reference": "Patient/1234",
    "period": {
      "start": "2022-07-25",
      "created": "2022-07-25",
      "careTeam": [
        {
          "reference": "CareTeam/1234"
        }
      ]
    }
  }
}
```

c) URL = [https://fhir.trimed.cloud/CarePlan/\\_search](https://fhir.trimed.cloud/CarePlan/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- **Patient** - required

**Sample JSON response:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/careplan?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/CarePlan/5714",
      "resource": {
        "resourceType": "CarePlan",
        "id": "5714",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "CarePlan"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a careplan example for the *US Core CarePlan"
            }
          ]
        }
      }
    }
  ]
}
```

```

Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-careplan"]},
"text": {"status": "generated", "div": "\u003Cdiv
xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003Cstrong
\u003EAssessment and
Plan\u003C/strong\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003C/div\u003E"}, "status": "completed",
"intent": "order", "category": [{"coding": [{"system": "http://hl7.org/fhir/us/core/CodeSystem/ca
replan-category", "code": "assess-plan", "display": "Assessment and Plan of
Treatment"}, {"system": "http://snomed.info/sct", "code": "50866000", "display": "Childhood
absence epilepsy"}, {"system": "http://snomed.info/sct", "code": "42228007", "display": "Acne
conglobata"}]}], "title": "Acne", "description": "= Duration\r\nY N prior Treatment\r\nY N
willingness, desire to be compliant with daily topical
meds\r\n-----
\r\nIf Y \u0026 N are both present - question was not asked or answered, Test General Plan
text for Leviticus May, Absence seizure, not intractable, without status, Acne
conglobata", "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y.
MAY"}, "period": {"start": "2022-07-25"}, "created": "2022-07-25", "careTeam": [{"reference": "CareT
eam/1234"}]}], {"fullUrl": "https://fhir.trimed.cloud/CarePlan/5716", "resource": {"resourceType
": "CarePlan", "id": "5716", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinitio
n/instance-name", "valueString": "CarePlan"}, {"url": "http://hl7.org/fhir/StructureDefinition/i
nstance-description", "valueMarkdown": "This is a careplan example for the *US Core CarePlan
Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-careplan"]]},
"text": {"status": "generated", "div": "\u003Cdiv
xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003Cstrong
\u003EAssessment and
Plan\u003C/strong\u003E\n\u0026#9;\u0026#9;\u0026#9;\u003C/div\u003E"}, "status": "completed",
"intent": "order", "category": [{"coding": [{"system": "http://hl7.org/fhir/us/core/CodeSystem/ca
replan-category", "code": "assess-plan", "display": "Assessment and Plan of
Treatment"}, {"system": "http://snomed.info/sct", "code": "423279000", "display": "Refractory
migraine without
aura"}, {"system": "http://snomed.info/sct", "code": "230473009", "display": "Chronic cluster
headache"}]}], "title": "Headache", "description": "Test General Plan text for Leviticus May,
Chronic migraine w/o aura, intractable, w status migrainosus, Chronic cluster headache,
intractable", "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y.
MAY"}, "period": {"start": "2022-07-25"}, "created": "2022-07-25", "careTeam": [{"reference": "CareT
eam/1234"}]}]}

```

### 3.CareTeam

a) URL = <https://fhir.trimed.cloud/CareTeam?Patient=1234>

HTTP verb = GET

Parameters:

- **Patient** - required
- **identifier**
- **gender**
- **name**
- **birthdate**
- **status**
- **\_revinclude**

## Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/careteam?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/CareTeam/1234",
      "resource": {
        "resourceType": "CareTeam",
        "id": "1234",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "CareTeam"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a careteam example for the *US Core CareTeam Profile*."
            }
          ]
        },
        "profile": [
          "http://hl7.org/fhir/us/core/StructureDefinition/us-core-careteam"
        ],
        "text": {
          "status": "generated",
          "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\u003ECareTeam\u003C/div\u003E"
        },
        "status": "active",
        "subject": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "participant": [
          {
            "role": [
              {
                "coding": [
                  {
                    "system": "http://snomed.info/sct",
                    "code": "158965000",
                    "display": "Medical practitioner"
                  }
                ],
                "text": "Provider"
              },
              {
                "reference": "Practitioner/101209730",
                "display": "ADAMS, JOHN, PA-C"
              },
              {
                "role": [
                  {
                    "coding": [
                      {
                        "system": "http://snomed.info/sct",
                        "code": "446050000",
                        "display": "Primary care physician"
                      }
                    ],
                    "text": "Primary Care Provider"
                  },
                  {
                    "display": "Mary\u0027s Yonjof, FNP-C"
                  },
                  {
                "role": [
                  {
                    "coding": [
                      {
                        "system": "http://snomed.info/sct",
                        "code": "429577009",
                        "display": "Patient advocate (person)"
                      }
                    ],
                    "text": "Attorney"
                  },
                  {
                    "display": "Dr. Barbara Alexander BL Advisor"
                  },
                  {
                "role": [
                  {
                    "coding": [
                      {
                        "system": "http://terminology.hl7.org/CodeSystem/organization-type",
                        "code": "dept",
                        "display": "Hospital Department"
                      }
                    ],
                    "text": "copy of TP1"
                  },
                  {
                    "member": {
                      "reference": "Organization/1",
                      "display": "copy of TP1"
                    },
                    "role": [
                      {
                        "coding": [
                          {
                            "system": "http://snomed.info/sct",
                            "code": "116154003",
                            "display": "Patient (person)"
                          }
                        ],
                        "member": {
                          "reference": "Patient/1234",
                          "display": "LEVITICUS Y. MAY"
                        },
                        "role": [
                          {
                            "coding": [
                              {
                                "system": "http://snomed.info/sct",
                                "code": "58626002",
                                "display": "Legal guardian"
                              }
                            ],
                            "member": {
                              "reference": "RelatedPerson/1234",
                              "display": "GENEVA MAY"
                            },
                            "role": [
                              {
                                "coding": [
                                  {
                                    "system": "http://snomed.info/sct",
                                    "code": "407543004",
                                    "display": "Primary carer"
                                  }
                                ],
                                "member": {
                                  "reference": "RelatedPerson/1234",
                                  "display": "GENEVA MAY"
                                }
                              }
                            ]
                          }
                        ]
                      }
                    ]
                  }
                ]
              }
            ]
          }
        ]
      }
    }
  ]
}
```

b) URL = <https://fhir.trimed.cloud/CareTeam/1234>

HTTP verb = GET

Parameters:

- **Patient**
- **\_search** - required -Unique ID from Previous method
- **identifier**
- **gender**
- **name**
- **birthdate**
- **status**

## Sample JSON response:

```
{
  "resourceType": "CareTeam",
  "id": "1234",
  "meta": {
    "extension": [
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
        "valueString": "CareTeam"
      },
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
        "valueMarkdown": "This is a careteam example for the *US Core CareTeam"
      }
    ]
  }
}
```

```
Profile*."}], "profile": [{"http://hl7.org/fhir/us/core/StructureDefinition/us-core-careteam"}],
"text":{"status":"generated", "div": "\u003Cdiv
xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E
CareTeam\u003C/div\u003E"}, "status": "active", "subject": {"reference": "Patient/1234"}, "participant": [{"role": [{"coding": [{"system": "http://snomed.info/sct", "code": "116154003", "display": "Patient (person)"}]}], "member": {"reference": "Patient/1234"}, {"role": [{"coding": [{"system": "http://snomed.info/sct", "code": "58626002", "display": "Legal guardian"}]}], "member": {"reference": "RelatedPerson/1234", "display": ""}}, {"role": [{"coding": [{"system": "http://snomed.info/sct", "code": "407543004", "display": "Primary carer"}]}], "member": {"reference": "RelatedPerson/1234", "display": ""}}}]}
```

c) URL = [https://fhir.trimed.cloud/CareTeam/\\_search](https://fhir.trimed.cloud/CareTeam/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- Patient - required

### Sample JSON response:

```
{ "resourceType": "Bundle", "type": "searchset", "link": [{"relation": "self", "url": "https://fhir.trimed.cloud/careteam?patient=1234"}], "entry": [{"fullUrl": "https://fhir.trimed.cloud/CareTeam/1234", "resource": {"resourceType": "CareTeam", "id": "1234", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "CareTeam"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a careteam example for the *US Core CareTeam Profile*."}], "profile": [{"http://hl7.org/fhir/us/core/StructureDefinition/us-core-careteam"}], "text": {"status": "generated", "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E
CareTeam\u003C/div\u003E"}, "status": "active", "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "participant": [{"role": [{"coding": [{"system": "http://snomed.info/sct", "code": "158965000", "display": "Medical practitioner"}]}, {"text": "Provider"}]}, "member": {"reference": "Practitioner/101209730", "display": "ADAMS, JOHN, PA-C"}}, {"role": [{"coding": [{"system": "http://snomed.info/sct", "code": "446050000", "display": "Primary care physician"}]}, {"text": "Primary Care Provider"}]}, "member": {"display": "Mary\u0027s Yonjof, FNP-C"}}, {"role": [{"coding": [{"system": "http://snomed.info/sct", "code": "429577009", "display": "Patient advocate (person)"}]}, {"text": "Attorney"}]}, "member": {"display": "Dr. Barbara Alexander BL Advisor"}}, {"role": [{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/organization-type", "code": "dept", "display": "Hospital Department"}]}, {"text": "copy of TP1"}]}, "member": {"reference": "Organization/1", "display": "copy of TP1"}}, {"role": [{"coding": [{"system": "http://snomed.info/sct", "code": "116154003", "display": "Patient (person)"}]}], "member": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}}, {"role": [{"coding": [{"system": "http://snomed.info/sct", "code": "58626002", "display": "Legal guardian"}]}], "member": {"reference": "RelatedPerson/1234", "display": "GENEVA MAY"}}, {"role": [{"coding": [{"system": "http://snomed.info/sct", "code": "407543004", "display": "Primary carer"}]}], "member": {"reference": "RelatedPerson/1234", "display": "GENEVA MAY"}]}]}}
```



## 4.Condition

a) URL = <https://fhir.trimed.cloud/Condition?patient=1234>

HTTP verb = GET

Parameters:

- **Patient** - required
- **\_revinclude**

Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/Condition?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/Condition/51607",
      "resource": {
        "resourceType": "Condition",
        "id": "51607problemlist23",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "Condition"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a Condition for the *US Core Condition Profile*."
            }
          ]
        },
        "profile": [
          "http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"
        ],
        "clinicalStatus": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
              "code": "active"
            }
          ]
        },
        "verificationStatus": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/condition-ver-status",
              "code": "confirmed"
            }
          ]
        },
        "category": [
          {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/condition-category",
                "code": "problem-list-item",
                "display": "Problem List Item"
              }
            ]
          }
        ],
        "severity": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "6736007",
              "display": "Moderate"
            }
          ]
        },
        "code": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "J45.21",
              "display": "Asthma, mild Intermittent, with acute exacerbation"
            }
          ]
        },
        "text": "Asthma",
        "bodySite": [
          {
            "coding": [
              {
                "system": "http://snomed.info/sct",
                "code": "427679007",
                "display": "Mild intermittent asthma"
              }
            ]
          }
        ],
        "subject": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "recordedDate": "2022-07-25"
      },
      "fullUrl": "https://fhir.trimed.cloud/Condition/51608",
      "resource": {
        "resourceType": "Condition",
        "id": "51608problemlist23",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "Condition"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a Condition for the *US Core Condition Profile*."
            }
          ]
        },
        "profile": [
          "http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"
        ],
        "clinicalStatus": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
              "code": "active"
            }
          ]
        },
        "verificationStatus": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/condition-ver-status",
              "code": "confirmed"
            }
          ]
        },
        "category": [
          {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/condition-category",
                "code": "problem-list-item",
                "display": "Problem List Item"
              }
            ]
          }
        ],
        "severity": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "6736007",
              "display": "Moderate"
            }
          ]
        },
        "code": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "J45.21",
              "display": "Asthma, mild Intermittent, with acute exacerbation"
            }
          ]
        },
        "text": "Asthma, mild Intermittent, with acute exacerbation",
        "bodySite": [
          {
            "coding": [
              {
                "system": "http://snomed.info/sct",
                "code": "427679007",
                "display": "Mild intermittent asthma"
              }
            ]
          }
        ],
        "subject": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "recordedDate": "2022-07-25"
      },
      "fullUrl": "https://fhir.trimed.cloud/Condition/27879",
      "resource": {
        "resourceType": "Condition",
        "id": "27879Laborer6",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "Condition"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a Condition for the *US Core Condition"
            }
          ]
        }
      }
    }
  ]
}
```



```
Profile*."}], "profile": [{"http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"}], "clinicalStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-clinical", "code": "active"}]}, "verificationStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-ver-status", "code": "confirmed"}]}, "category": [{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-category", "code": "encounter-diagnosis", "display": "Encounter Diagnosis"}]}], "severity": {"coding": [{"system": "http://snomed.info/sct", "code": "6736007", "display": "Moderate"}]}, "code": {"coding": [{"system": "http://snomed.info/sct", "code": "R51.9", "display": "Headache, unspecified"}]}, "bodySite": [{"coding": [{"system": "http://snomed.info/sct", "code": "571000119103", "display": "Daily headache"}]}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "encounter": {"reference": "Encounter/429123", "recordedDate": "2022-07-26"}, {"fullUrl": "https://fhir.trimed.cloud/Condition/4573", "resource": {"resourceType": "Condition", "id": "4573 superbill102", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Condition"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Condition for the *US Core Condition Profile*."}], "profile": [{"http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"}], "clinicalStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-clinical", "code": "active"}]}, "verificationStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-ver-status", "code": "confirmed"}]}, "category": [{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-category", "code": "encounter-diagnosis", "display": "Encounter Diagnosis"}]}], "severity": {"coding": [{"system": "http://snomed.info/sct", "code": "6736007", "display": "Moderate"}]}, "code": {"coding": [{"system": "http://snomed.info/sct", "code": "S00.80XA", "display": "Head superficial injury, other part of head, init encounter"}]}, {"system": "http://snomed.info/sct", "code": "S00.80XA", "display": "Head superficial injury, other part of head, init encounter"}]}, "bodySite": [{"coding": [{"system": "http://snomed.info/sct", "code": "274180001", "display": "Superficial injury of face"}]}, {"system": "http://snomed.info/sct", "code": "274180001", "display": "Superficial injury of face"}]}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "encounter": {"reference": "Encounter/53277", "recordedDate": "2018-12-28"}, {"fullUrl": "https://fhir.trimed.cloud/Condition/7036", "resource": {"resourceType": "Condition", "id": "7036 superbill102", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Condition"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Condition for the *US Core Condition Profile*."}], "profile": [{"http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"}], "clinicalStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-clinical", "code": "active"}]}, "verificationStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-ver-status", "code": "confirmed"}]}, "category": [{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-category", "code": "encounter-diagnosis", "display": "Encounter Diagnosis"}]}], "severity": {"coding": [{"system": "http://snomed.info/sct", "code": "6736007", "display": "Moderate"}]}, "code": {"coding": [{"system": "http://snomed.info/sct", "code": "H66.003", "display": "Otitis media, acute, w/o rupture ear drum, bilateral"}]}, {"system": "http://snomed.info/sct", "code": "H10.33", "display": "Conjunctivitis, bilateral"}]}, "bodySite": [{"coding": [{"system": "http://snomed.info/sct", "code": "14948001", "display": "Acute suppurative otitis media without spontaneous rupture of ear drum"}]}, {"system": "http://snomed.info/sct", "code": "719860006", "display": "Acute infectious conjunctivitis"}]}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "encounter": {"reference": "Encounter/77880", "recordedDate": "2019-03-13"}]]}
```

b) URL = <https://fhir.trimed.cloud/Condition/51607problemlist23>

HTTP verb = GET

Parameters:

- **Patient**
- **\_search** - required -Unique ID from Previous method

**Sample JSON response:**

```
{
  "resourceType": "Condition",
  "id": "51607problemlist23",
  "meta": {
    "extension": [
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
        "valueString": "Condition"
      },
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
        "valueMarkdown": "This is a Condition for the *US Core Condition Profile*."
      }
    ],
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"
    ],
    "clinicalStatus": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
          "code": "active"
        }
      ]
    },
    "verificationStatus": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/condition-ver-status",
          "code": "confirmed"
        }
      ]
    },
    "category": [
      {
        "coding": [
          {
            "system": "http://terminology.hl7.org/CodeSystem/condition-category",
            "code": "problem-list-item",
            "display": "Problem List Item"
          }
        ]
      }
    ],
    "severity": {
      "coding": [
        {
          "system": "http://snomed.info/sct",
          "code": "6736007",
          "display": "Moderate"
        }
      ]
    },
    "code": {
      "coding": [
        {
          "system": "http://snomed.info/sct",
          "code": "J45.21",
          "display": "Asthma, mild Intermittent, with acute exacerbation"
        }
      ]
    },
    "text": "Asthma",
    "bodySite": [
      {
        "coding": [
          {
            "system": "http://snomed.info/sct",
            "code": "427679007",
            "display": "Mild intermittent asthma"
          }
        ]
      }
    ],
    "subject": {
      "reference": "Patient/0"
    },
    "recordedDate": "2022-07-25"
  }
}
```

c) URL = [https://fhir.trimed.cloud/Condition/\\_search](https://fhir.trimed.cloud/Condition/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- **Patient** - required

**Sample JSON response:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/Condition?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/Condition/51607",
      "resource": {
        "resourceType": "Condition",
        "id": "51607problemlist23",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "Condition"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a Condition for the *US Core Condition Profile*."
            }
          ],
          "profile": [
            "http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"
          ],
          "clinicalStatus": {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
                "code": "active"
              }
            ]
          },
          "verificationStatus": {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/condition-ver-status",
                "code": "confirmed"
              }
            ]
          },
          "category": [
            {
              "coding": [
                {
                  "system": "http://terminology.hl7.org/CodeSystem/condition-category",
                  "code": "problem-list-item",
                  "display": "Problem List Item"
                }
              ]
            }
          ],
          "severity": {
            "coding": [
              {
                "system": "http://snomed.info/sct",
                "code": "6736007",
                "display": "Moderate"
              }
            ]
          },
          "code": {
            "coding": [
              {
                "system": "http://snomed.info/sct",
                "code": "J45.21",
                "display": "Asthma, mild Intermittent, with acute exacerbation"
              }
            ]
          },
          "text": "Asthma",
          "bodySite": [
            {
              "coding": [
                {
                  "system": "http://snomed.info/sct",
                  "code": "427679007",
                  "display": "Mild intermittent asthma"
                }
              ]
            }
          ],
          "subject": {
            "reference": "Patient/0"
          },
          "recordedDate": "2022-07-25"
        }
      }
    }
  ]
}
```

```
code": "427679007", "display": "Mild intermittent  
asthma"}]]], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y.  
MAY"}, "recordedDate": "2022-07-25"}, {"fullUrl": "https://fhir.trimed.cloud/Condition/51608", "  
resource": {"resourceType": "Condition", "id": "51608problemList23", "meta": {"extension": [{"url": "  
http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Condition"}, {"url": "h  
ttp://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a  
Condition for the *US Core Condition  
Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"  
]}, "clinicalStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-cli  
nical", "code": "active"}]}, "verificationStatus": {"coding": [{"system": "http://terminology.hl7.  
org/CodeSystem/condition-ver-status", "code": "confirmed"}]}, "category": [{"coding": [{"system": "  
http://terminology.hl7.org/CodeSystem/condition-category", "code": "problem-list-item", "displ  
ay": "Problem List  
Item"}]}], "severity": {"coding": [{"system": "http://snomed.info/sct", "code": "6736007", "displ  
ay": "Moderate"}]}, "code": {"coding": [{"system": "http://snomed.info/sct", "code": "J45.21", "displa  
y": "Asthma, mild Intermittent, with acute exacerbation"}]}, "text": "Asthma, mild Intermittent,  
with acute  
exacerbation"}, "bodySite": [{"coding": [{"system": "http://snomed.info/sct", "code": "427679007",  
"display": "Mild intermittent  
asthma"}]}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y.  
MAY"}, "recordedDate": "2022-07-25"}, {"fullUrl": "https://fhir.trimed.cloud/Condition/27879", "  
resource": {"resourceType": "Condition", "id": "27879Laborder6", "meta": {"extension": [{"url": "htt  
p://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Condition"}, {"url": "http:  
//hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a  
Condition for the *US Core Condition  
Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"  
]}, "clinicalStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-cli  
nical", "code": "active"}]}, "verificationStatus": {"coding": [{"system": "http://terminology.hl7.  
org/CodeSystem/condition-ver-status", "code": "confirmed"}]}, "category": [{"coding": [{"system": "  
http://terminology.hl7.org/CodeSystem/condition-category", "code": "encounter-diagnosis", "dis  
play": "Encounter  
Diagnosis"}]}], "severity": {"coding": [{"system": "http://snomed.info/sct", "code": "6736007", "di  
splay": "Moderate"}]}, "code": {"coding": [{"system": "http://snomed.info/sct", "code": "R51.9", "di  
splay": "Headache,  
unspecified"}]}, "bodySite": [{"coding": [{"system": "http://snomed.info/sct", "code": "5710001191  
03", "display": "Daily  
headache"}]}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y.  
MAY"}, "encounter": {"reference": "Encounter/429123"}, "recordedDate": "2022-07-26"}, {"fullUrl": "  
https://fhir.trimed.cloud/Condition/4573", "resource": {"resourceType": "Condition", "id": "4573  
superbill102", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-  
name", "valueString": "Condition"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-de  
scription", "valueMarkdown": "This is a Condition for the *US Core Condition  
Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"  
]}, "clinicalStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-cli  
nical", "code": "active"}]}, "verificationStatus": {"coding": [{"system": "http://terminology.hl7.  
org/CodeSystem/condition-ver-status", "code": "confirmed"}]}, "category": [{"coding": [{"system": "  
http://terminology.hl7.org/CodeSystem/condition-category", "code": "encounter-diagnosis", "dis  
play": "Encounter  
Diagnosis"}]}], "severity": {"coding": [{"system": "http://snomed.info/sct", "code": "6736007", "di  
splay": "Moderate"}]}, "code": {"coding": [{"system": "http://snomed.info/sct", "code": "S00.80XA",  
"display": "Head superficial injury, other part of head, init  
encounter"}, {"system": "http://snomed.info/sct", "code": "S00.80XA", "display": "Head superficial
```

```

injury, other part of head, init
encounter"}]]}, {"bodySite": [{"coding": [{"system": "http://snomed.info/sct", "code": "274180001", "display": "Superficial injury of face"}, {"system": "http://snomed.info/sct", "code": "274180001", "display": "Superficial injury of face"}]]}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "encounter": {"reference": "Encounter/53277", "recordedDate": "2018-12-28"}}, {"fullUrl": "https://fhir.trimed.cloud/Condition/7036", "resource": {"resourceType": "Condition", "id": "7036superbill102", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Condition"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Condition for the *US Core Condition Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"]}, "clinicalStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-clinical", "code": "active"}]}, "verificationStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-ver-status", "code": "confirmed"}]}, "category": [{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-category", "code": "encounter-diagnosis", "display": "Encounter Diagnosis"}]}], "severity": {"coding": [{"system": "http://snomed.info/sct", "code": "6736007", "display": "Moderate"}]}, "code": {"coding": [{"system": "http://snomed.info/sct", "code": "H66.003", "display": "Otitis media, acute, w/o rupture ear drum, bilateral"}, {"system": "http://snomed.info/sct", "code": "H10.33", "display": "Conjunctivitis, bilateral"}]}, "bodySite": [{"coding": [{"system": "http://snomed.info/sct", "code": "14948001", "display": "Acute suppurative otitis media without spontaneous rupture of ear drum"}, {"system": "http://snomed.info/sct", "code": "719860006", "display": "Acute infectious conjunctivitis"}]}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "encounter": {"reference": "Encounter/77880", "recordedDate": "2019-03-13"}]]}

```

## 5.Device

a) URL = <https://fhir.trimed.cloud/Device?patient=1234>

HTTP verb = GET

Parameters:

- **Patient** - required
- **\_revinclude**

**Sample JSON response:**

```

{"resourceType": "Bundle", "type": "searchset", "link": [{"relation": "self", "url": "https://fhir.trimed.cloud/Device?patient=1234"}], "entry": [{"fullUrl": "https://fhir.trimed.cloud/Device/38", "resource": {"resourceType": "Device", "id": "38", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Device"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Device for the *US Core Implantable Device Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-implantable-device"]}, "udiCarrier": [{"deviceIdentifier": "99863313444316", "carrierHRF": "(01)99863313444316(17)220101(10)M320(21)AC221"}], "status": "active", "distinctIdentifier": "38", "manufactureDate": "2022-07-25", "expirationDate": "2022-01-01", "lotNumber": "M320", "serialNumber": "AC221", "modelNumber": "ABC123", "type": {"coding": [{"system": "http://snomed.info/sct", "code": "130826005", "display": "(1-hydroxycyclohexan-1-yl)acetyl-CoA lyase"}]}, "text": "130826005:(1-hydroxycyclohexan-1-yl)acetyl-CoA"}]}

```

```
lyase"},"patient":{"reference":"Patient/1234","display":"LEVITICUS Y. MAY"}}}]}
```

b) URL = <https://fhir.trimed.cloud/Device/38>

HTTP verb = GET

Parameters:

- **Patient**
- **\_search** - required -Unique ID from Previous method

**Sample JSON response:**

```
{ "resourceType": "Device", "id": "38", "meta": { "extension": [ { "url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Device" }, { "url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Device for the *US Core Implantable Device Profile*." } ], "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-implantable-device" ] }, "udiCarrier": [ { "deviceIdentifier": "99863313444316", "carrierHRF": "(01)99863313444316(17)220101(10)M320(21)AC221" } ], "status": "active", "distinctIdentifier": "38", "manufactureDate": "2022-07-25", "expirationDate": "2022-01-01", "lotNumber": "M320", "serialNumber": "AC221", "modelNumber": "ABC123", "type": { "coding": [ { "system": "http://snomed.info/sct", "code": "130826005", "display": "(1-hydroxycyclohexan-1-yl)acetyl-CoA lyase" } ] }, "text": "130826005:(1-hydroxycyclohexan-1-yl)acetyl-CoA lyase", "patient": { "reference": "Patient/0" } }
```

c) URL = [https://fhir.trimed.cloud/Device/\\_search](https://fhir.trimed.cloud/Device/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- **Patient** - required

**Sample JSON response:**

```
{ "resourceType": "Bundle", "type": "searchset", "link": [ { "relation": "self", "url": "https://fhir.trimed.cloud/Device?patient=1234" } ], "entry": [ { "fullUrl": "https://fhir.trimed.cloud/Device/38", "resource": { "resourceType": "Device", "id": "38", "meta": { "extension": [ { "url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Device" }, { "url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Device for the *US Core Implantable Device Profile*." } ], "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-implantable-device" ] }, "udiCarrier": [ { "deviceIdentifier": "99863313444316", "carrierHRF": "(01)99863313444316(17)220101(10)M320(21)AC221" } ], "status": "active", "distinctIdentifier": "38", "manufactureDate": "2022-07-25", "expirationDate": "2022-01-01", "lotNumber": "M320", "serialNumber": "AC221", "modelNumber": "ABC123", "type": { "coding": [ { "system": "http://snomed.info/sct", "code": "130826005", "display": "(1-hydroxycyclohexan-1-yl)acetyl-CoA lyase" } ] }, "text": "130826005:(1-hydroxycyclohexan-1-yl)acetyl-CoA lyase", "patient": { "reference": "Patient/1234", "display": "LEVITICUS Y. MAY" } } } ] }
```

## 6.DiagnosticReport

a) URL = <https://fhir.trimed.cloud/DiagnosticReport?Patient=1234>

HTTP verb = GET

Parameters:

- **Patient** - required
- **identifier**
- **name**
- **gender**
- **birthdate**
- **category**
- **code**
- **date**
- **\_revinclude**

Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/diagnosticreport?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/DiagnosticReport/15178",
      "resource": {
        "resourceType": "DiagnosticReport",
        "id": "15178",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "DiagnosticReport"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a diagnostic report example for the *US Core DiagnosticReport Profile*."
            }
          ],
          "status": "final",
          "category": [
            {
              "coding": [
                {
                  "system": "http://terminology.hl7.org/CodeSystem/v2-0074",
                  "code": "LAB",
                  "display": "Internal Labs"
                }
              ]
            },
            {
              "coding": [
                {
                  "system": "http://loinc.org",
                  "code": "GLU",
                  "display": "Blood Sugar"
                }
              ]
            }
          ],
          "subject": {
            "reference": "Patient/1234",
            "display": "LEVITICUS Y. MAY"
          },
          "encounter": {
            "reference": "Encounter/429123"
          },
          "effectiveDateTime": "2022-07-26",
          "issued": "2022-07-23T06:19:00-04:00",
          "performer": [
            {
              "reference": "Practitioner/101209736",
              "display": "JEFFERSON, THOMAS, PA-C"
            }
          ],
          "result": [
            {
              "reference": "Observation/1234laboratory175968",
              "display": "Hemocult"
            }
          ],
          "presentedForm": [
            {
              "contentType": "application/pdf",
              "data": "...",
              "url": "https://fhir.trimed.cloud/\\File\\LabResultTemp15149.pdf",
              "size": 50828
            }
          ]
        }
      }
    }
  ]
}
```

b) URL = <https://fhir.trimed.cloud/DiagnosticReport/15178>

HTTP verb = GET

Parameters:

- **\_search** - required -Unique ID from Previous method
- **Patient**
- **identifier**
- **name**
- **gender**
- **birthdate**
- **category**
- **code**
- **date**

Sample JSON response:

```
{
  "resourceType": "DiagnosticReport",
  "id": "15178",
  "meta": {
    "extension": [
      {
        "url": "http://hl7.org/"
      }
    ]
  }
}
```



```
fhir/StructureDefinition/instance-name", "valueString": "DiagnosticReport"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a diagnostic report example for the *US Core DiagnosticReport Profile*."}], "status": "final", "category": [{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/v2-0074", "code": "LAB", "display": "Internal Labs"}]}, {"coding": [{"system": "http://loinc.org", "code": "GLU", "display": "Blood Sugar"}]}], "subject": {"reference": "Patient/1234"}, "encounter": {"reference": "Encounter/429123"}, "effectiveDateTime": "2022-07-26", "issued": "2022-07-23T06:19:00-04:00", "performer": [{"reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS, PA-C"}], "result": [{"reference": "Observation/1234laboratory175968", "display": "Hemocult"}], "presentedForm": [{"contentType": "application/pdf", "data": "...", "url": "https://fhir.trimed.cloud/\\File\\LabResultTemp15178.pdf", "size": 50532}]}
```

c) URL = [https://fhir.trimed.cloud/DiagnosticReport/\\_search](https://fhir.trimed.cloud/DiagnosticReport/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- **Patient** - required
- **category**
- **code**
- **date**

Sample JSON response:

```
{ "resourceType": "Bundle", "type": "searchset", "link": [{"relation": "self", "url": "https://fhir.trimed.cloud/diagnosticreport?patient=1234"}], "entry": [{"fullUrl": "https://fhir.trimed.cloud/DiagnosticReport/15178", "resource": {"resourceType": "DiagnosticReport", "id": "15178", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "DiagnosticReport"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a diagnostic report example for the *US Core DiagnosticReport Profile*."}], "status": "final", "category": [{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/v2-0074", "code": "LAB", "display": "Internal Labs"}]}, {"coding": [{"system": "http://loinc.org", "code": "GLU", "display": "Blood Sugar"}]}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "encounter": {"reference": "Encounter/429123"}, "effectiveDateTime": "2022-07-26", "issued": "2022-07-23T06:19:00-04:00", "performer": [{"reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS, PA-C"}], "result": [{"reference": "Observation/1234laboratory175968", "display": "Hemocult"}], "presentedForm": [{"contentType": "application/pdf", "data": "...", "url": "https://fhir.trimed.cloud/\\File\\LabResultTemp15149.pdf", "size": 50827}]}}]}
```

## 7. DocumentReference

a) URL = <https://fhir.trimed.cloud/DocumentReference?Patient=1234>

HTTP verb = GET

Parameters:

- **Patient** - required
- **\_id**



- **type**
- **category**
- **date**
- **\_revinclude**

**Sample JSON response:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/DocumentReference?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/DocumentReference/273961",
      "resource": {
        "resourceType": "DocumentReference",
        "id": "273961",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "DocumentReference"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a episode summary example for the *US Core DocumentReference Profile*"
            }
          ],
          "profile": [
            "http://hl7.org/fhir/us/core/StructureDefinition/us-core-documentreference"
          ],
          "identifier": [
            {
              "value": "273961"
            }
          ],
          "status": "current",
          "docStatus": "final",
          "type": {
            "coding": [
              {
                "system": "http://loinc.org",
                "code": "11503-0",
                "display": "Medical Records"
              }
            ],
            "category": [
              {
                "coding": [
                  {
                    "system": "http://loinc.org",
                    "code": "81836",
                    "display": "Billing Correspondence"
                  }
                ],
                "text": "Billing Correspondence"
              }
            ],
            "subject": {
              "reference": "Patient/1234",
              "display": "LEVITICUS Y. MAY"
            },
            "date": "2022-07-23T00:00:00Z",
            "author": [
              {
                "reference": "Practitioner/101209736",
                "display": "JEFFESON, THOMAS, PA-C"
              }
            ],
            "authenticator": {
              "reference": "Practitioner/101209736",
              "display": "JEFFESON, THOMAS, PA-C"
            },
            "securityLabel": [
              {
                "coding": [
                  {
                    "system": "http://terminology.hl7.org/CodeSystem/v3-Confidentiality",
                    "code": "U",
                    "display": "unrestricted"
                  }
                ]
              }
            ],
            "content": [
              {
                "attachment": {
                  "url": "https://fhir.trimed.cloud/\\File\\LabResultTemp15178.pdf",
                  "size": 50532,
                  "title": "Billing Correspondence",
                  "contentType": "application/pdf",
                  "creation": "2022-07-26"
                },
                "format": {
                  "display": "Billing Correspondence"
                }
              }
            ],
            "context": {
              "encounter": [
                {
                  "reference": "Encounter/429123"
                }
              ],
              "sourcePatientInfo": [
                {
                  "reference": "Patient/1234",
                  "display": "LEVITICUS Y. MAY"
                }
              ],
              "period": {
                "start": "2022-07-23"
              },
              "event": [
                {
                  "text": "Front Desk"
                }
              ],
              "custodian": [
                {
                  "reference": "Organization/1"
                }
              ]
            }
          }
        }
      }
    }
  ]
}
```

b) URL = <https://fhir.trimed.cloud/DocumentReference/273961>

HTTP verb = GET

Parameters:

- **\_search** - required -Unique ID from Previous method
- **Patient** - required
- **identifier**
- **type**
- **category**
- **birthdate**

**Sample JSON response:**

```
{
  "resourceType": "DocumentReference",
  "id": "273961",
  "meta": {
    "extension": [
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
        "valueString": "DocumentReference"
      },
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
        "valueMarkdown": "This is a episode summary example for the *US Core DocumentReference Profile*"
      }
    ],
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-documentreference"
    ],
    "identifier": [
      {
        "value": "273961"
      }
    ],
    "status": "current",
    "docStatus": "final",
    "type": {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "11503-0",
          "display": "Medical Records"
        }
      ],
      "category": [
        {
          "coding": [
            {
              "system": "http://loinc.org",
              "code": "81836",
              "display": "Billing Correspondence"
            }
          ],
          "text": "Billing Correspondence"
        }
      ],
      "subject": {
        "reference": "Patient/1234",
        "display": "LEVITICUS Y. MAY"
      },
      "date": "2022-07-23T00:00:00Z",
      "author": [
        {
          "reference": "Practitioner/101209736",
          "display": "JEFFESON, THOMAS, PA-C"
        }
      ],
      "authenticator": {
        "reference": "Practitioner/101209736",
        "display": "JEFFESON, THOMAS, PA-C"
      },
      "securityLabel": [
        {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/v3-Confidentiality",
              "code": "U",
              "display": "unrestricted"
            }
          ]
        }
      ],
      "content": [
        {
          "attachment": {
            "url": "https://fhir.trimed.cloud/\\File\\LabResultTemp15178.pdf",
            "size": 50532,
            "title": "Billing Correspondence",
            "contentType": "application/pdf",
            "creation": "2022-07-26"
          },
          "format": {
            "display": "Billing Correspondence"
          }
        }
      ],
      "context": {
        "encounter": [
          {
            "reference": "Encounter/429123"
          }
        ],
        "sourcePatientInfo": [
          {
            "reference": "Patient/1234",
            "display": "LEVITICUS Y. MAY"
          }
        ],
        "period": {
          "start": "2022-07-23"
        },
        "event": [
          {
            "text": "Front Desk"
          }
        ],
        "custodian": [
          {
            "reference": "Organization/1"
          }
        ]
      }
    }
  }
}
```

```

oding":[{"system":"http://loinc.org","code":"11503-0","display":"Medical
Records"}]],"category":[{"coding":[{"system":"http://loinc.org","code":"81836","display":"Bi
lling Correspondence"}]],"text":"Billing
Correspondence"}]],"subject":{"reference":"Patient/1234","display":"LEVITICUS Y.
MAY"},"date":"2022-07-23T00:00:00Z","author":[{"reference":"Practitioner/101209736","display
":"JEFFESON, THOMAS,
PA-C"}]],"authenticator":{"reference":"Practitioner/101209736","display":"JEFFESON, THOMAS,
PA-C"},"securityLabel":[{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v3-Confi
dentiality","code":"U","display":"unrestricted"}]]},"content":[{"attachment":{"url":"https:/
/fhir.trimed.cloud/\\File\\LabResultTemp15178.pdf","size":50532,"title":"Billing
Correspondence","contentType":"application/pdf","creation":"2022-07-26"},"format":{"display
":"Billing
Correspondence"}]],"context":{"encounter":[{"reference":"Encounter/429123"}]],"sourcePatientI
nfo":{"reference":"Patient/1234","display":"LEVITICUS Y.
MAY"},"period":{"start":"2022-07-23"},"event":[{"text":"Front
Desk"}]],"custodian":{"reference":"Organization/1"}}

```

c) URL = [https://fhir.trimed.cloud/DocumentReference/\\_search](https://fhir.trimed.cloud/DocumentReference/_search)

HTTP verb = POST

Content-Type = multipart/form-data

Parameters:

- **Patient** - required
- **Id**
- **type**
- **category**
- **Date**

**Sample JSON response:**

```

{"resourceType":"Bundle","type":"searchset","link":[{"relation":"self","url":"https://fhir.t
rimed.cloud/DocumentReference?patient=1234"}]],"entry":[{"fullUrl":"https://fhir.trimed.cloud
/DocumentReference/273961","resource":{"resourceType":"DocumentReference","id":"273961","met
a":{"extension":[{"url":"http://hl7.org/fhir/StructureDefinition/instance-name","valueString
":"DocumentReference"}, {"url":"http://hl7.org/fhir/StructureDefinition/instance-description
","valueMarkdown":"This is a episode summary example for the *US Core DocumentReference
Profile*"}]],"profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-documentrefe
rence"]},"identifier":[{"value":"273961"}],"status":"current","docStatus":"final","type":{"c
oding":[{"system":"http://loinc.org","code":"11503-0","display":"Medical
Records"}]],"category":[{"coding":[{"system":"http://loinc.org","code":"81836","display":"Bi
lling Correspondence"}]],"text":"Billing
Correspondence"}]],"subject":{"reference":"Patient/1234","display":"LEVITICUS Y.
MAY"},"date":"2022-07-23T00:00:00Z","author":[{"reference":"Practitioner/101209736","display
":"JEFFESON, THOMAS,
PA-C"}]],"authenticator":{"reference":"Practitioner/101209736","display":"JEFFESON, THOMAS,
PA-C"},"securityLabel":[{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v3-Confi
dentiality","code":"U","display":"unrestricted"}]]},"content":[{"attachment":{"url":"https:/
/fhir.trimed.cloud/\\File\\LabResultTemp15178.pdf","size":50532,"title":"Billing
Correspondence","contentType":"application/pdf","creation":"2022-07-26"},"format":{"display
":"Billing
Correspondence"}]],"context":{"encounter":[{"reference":"Encounter/429123"}]],"sourcePatientI

```

```
nfo":{"reference":"Patient/1234","display":"LEVITICUS Y.
MAY"},"period":{"start":"2022-07-23"},"event":[{"text":"Front
Desk"}]},"custodian":{"reference":"Organization/1"}}}}
```

## 8. Encounter

a) URL = <https://fhir.trimed.cloud/Encounter?Patient=1234>

HTTP verb = GET

Parameters:

- **Patient** -required
- **\_id**
- **identifier**
- **name**
- **gender**
- **birthdate**
- **date**
- **Class**
- **type**
- **location**
- **status**
- **discharge-disposition**
- **\_revinclude**

Sample JSON response:

```
{"resourceType":"Bundle","type":"searchset","link":[{"relation":"self","url":"https://fhir.t
rimed.cloud/allergyintolerance?patient=1234"}],"entry":[{"fullUrl":"https://fhir.trimed.clou
d/Encounter/53277","resource":{"resourceType":"Encounter","id":"53277","meta":{"extension":[
{"url":"http://hl7.org/fhir/StructureDefinition/instance-name","valueString":"Encounter"},{
"url":"http://hl7.org/fhir/StructureDefinition/instance-description","valueMarkdown":"This is
a Encounter for the *US Core Encounter
Profile*."},"profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-encounter"]
},"identifier":[{"system":"https://fhir.trimed.cloud/Encounter","value":"53277"}],"status":"
finished","class":{"system":"http://terminology.hl7.org/CodeSystem/v3-ActCode","code":"ACUTE
","display":"inpatient
acute"},"type":[{"coding":[{"system":"http://www.ama-assn.org/go/cpt","code":"26","display":
"OFFICE VISIT-NEW PAT LEVEL 3"}],"text":"OFFICE VISIT-NEW PAT LEVEL
3"},{"coding":[{"system":"http://www.ama-assn.org/go/cpt","code":"167","display":"REVIEWED
CURRENT MEDS"}],"text":"REVIEWED CURRENT
MEDS"}],"subject":{"reference":"Patient/1234","display":"LEVITICUS Y.
MAY"},"participant":[{"type":[{"text":"primary
performer"}],"period":{"start":"2018-12-28T11:40:00-05:00","end":"2018-12-28T11:50:00-05:00"
},"individual":{"reference":"Practitioner/101209765","display":"Washington, George,
Pa-c"}]},"period":{"start":"2018-12-28T11:40:00-05:00","end":"2018-12-28T11:50:00-05:00"},
"reasonCode":[{"text":"Sick"},"reasonReference":[{"reference":"Procedure/26"},{"reference":"P
rocedure/167"}],"location":[{"location":{"reference":"Location/1","display":"copy of
TP1"},"status":"active"}],"serviceProvider":{"reference":"Organization/1"},"hospitalization"
":{"admitSource":{"coding":[{"system":"http://hl7.org/fhir/StructureDefinition/data-absent-re
```

```
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Pa-c"}], "period": {"start": "2022-07-23T09:40:00-04:00", "end": "2022-07-23T10:40:00-04:00"}, "r
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://terminology.hl7.org/CodeSystem/data-absent-reason", "code": "unknown"}], "text": "unknown"}]}
}}]1234

```

b) URL = <https://fhir.trimed.cloud/Encounter/53277>

HTTP verb = GET

Parameters:

- **\_search** - required -Unique ID from Previous method
- **Patient**
- **identifier**
- **name**
- **gender**
- **birthdate**
- **date**

Sample JSON response:

```

{"resourceType": "Encounter", "id": "53277", "meta": {"extension": [{"url": "http://hl7.org/fhir/St
ructureDefinition/instance-name", "valueString": "Encounter"}, {"url": "http://hl7.org/fhir/Stru
ctureDefinition/instance-description", "valueMarkdown": "This is a Encounter for the *US Core
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", "display": "inpatient
acute"}, "type": [{"coding": [{"system": "http://www.ama-assn.org/go/cpt", "code": "26", "display":
"OFFICE VISIT-NEW PAT LEVEL 3"}], "text": "OFFICE VISIT-NEW PAT LEVEL
3"}, {"coding": [{"system": "http://www.ama-assn.org/go/cpt", "code": "167", "display": "REVIEWED
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MAY"}, "participant": [{"type": [{"text": "primary
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}

```



```

}, "individual": {"reference": "Practitioner/101209765", "display": "Washington, George, Pa-c"}}, "period": {"start": "2018-12-28T11:40:00-05:00", "end": "2018-12-28T11:50:00-05:00"}, "reasonCode": [{"text": "Sick"}], "reasonReference": [{"reference": "Procedure/26"}, {"reference": "Procedure/167"}], "location": [{"location": {"reference": "Location/1", "display": "copy of TP1"}}, {"status": "active"}], "serviceProvider": {"reference": "Organization/1"}, "hospitalization": {"admitSource": {"coding": [{"system": "http://hl7.org/fhir/StructureDefinition/data-absent-reason", "code": "unknown"}], "text": "unknown"}, "dischargeDisposition": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/data-absent-reason", "code": "unknown"}], "text": "unknown"}, "diagnosis": [{"condition": {"reference": "Procedure/26"}, "use": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/diagnosis-role", "code": "billing", "display": "Billing"}], "text": "Billing"}}, {"condition": {"reference": "Procedure/167"}, "use": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/diagnosis-role", "code": "billing", "display": "Billing"}], "text": "Billing"}]}]}

```

c) URL = [https://fhir.trimed.cloud/Encounter/\\_search?Patient=1234](https://fhir.trimed.cloud/Encounter/_search?Patient=1234)

HTTP verb = POST

Parameters:

- **Patient-required**
- **\_id**
- **identifier**
- **name**
- **gender**
- **birthdate**
- **date**
- **Class**
- **type**
- **location**
- **status**
- **discharge-disposition**
- **\_reinclude**

Sample JSON response:

```

{"resourceType": "Bundle", "type": "searchset", "link": [{"relation": "self", "url": "https://fhir.trimed.cloud/allergyintolerance?patient=1234"}], "entry": [{"fullUrl": "https://fhir.trimed.cloud/Encounter/53277", "resource": {"resourceType": "Encounter", "id": "53277", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Encounter"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Encounter for the *US Core Encounter Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-encounter"]}, "identifier": [{"system": "https://fhir.trimed.cloud/Encounter", "value": "53277"}], "status": "finished", "class": {"system": "http://terminology.hl7.org/CodeSystem/v3-ActCode", "code": "ACUTE", "display": "inpatient acute"}, "type": [{"coding": [{"system": "http://www.ama-assn.org/go/cpt", "code": "26", "display": "OFFICE VISIT-NEW PAT LEVEL 3"}], "text": "OFFICE VISIT-NEW PAT LEVEL 3"}, {"coding": [{"system": "http://www.ama-assn.org/go/cpt", "code": "167", "display": "REVIEWED CURRENT MEDS"}], "text": "REVIEWED CURRENT

```



```
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Pa-c"}], "period": {"start": "2018-12-28T11:40:00-05:00", "end": "2018-12-28T11:50:00-05:00"}, "r
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```
://terminology.hl7.org/CodeSystem/data-absent-reason", "code": "unknown"}], "text": "unknown"}}
}, {"fullUrl": "https://fhir.trimed.cloud/Encounter/63630", "resource": {"resourceType": "Encounter", "id": "63630", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Encounter"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Encounter for the *US Core Encounter Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-encounter"]}, "identifier": [{"system": "https://fhir.trimed.cloud/Encounter", "value": "63630"}], "status": "cancelled", "class": {"system": "http://terminology.hl7.org/CodeSystem/v3-ActCode", "code": "ACUTE", "display": "inpatient acute"}, "type": [{"text": "Sick"}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "participant": [{"type": [{"text": "secondary performer"}], "period": {"start": "2019-03-11T15:00:00-04:00", "end": "2019-03-11T15:10:00-04:00"}, "individual": {"reference": "Practitioner/101209730", "display": "ADAMS, JOHN, PA-C"}}, {"period": {"start": "2019-03-11T15:00:00-04:00", "end": "2019-03-11T15:10:00-04:00"}, "reasonCode": [{"text": "Sick"}], "location": [{"location": {"reference": "Location/1", "display": "copy of TP1"}, "status": "active"}], "serviceProvider": {"reference": "Organization/1"}, "hospitalization": {"admitSource": {"coding": [{"system": "http://hl7.org/fhir/StructureDefinition/data-absent-reason", "code": "unknown"}], "text": "unknown"}, "dischargeDisposition": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/data-absent-reason", "code": "unknown"}], "text": "unknown"}}}, {"fullUrl": "https://fhir.trimed.cloud/Encounter/75885", "resource": {"resourceType": "Encounter", "id": "75885", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Encounter"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Encounter for the *US Core Encounter Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-encounter"]}, "identifier": [{"system": "https://fhir.trimed.cloud/Encounter", "value": "75885"}], "status": "cancelled", "class": {"system": "http://terminology.hl7.org/CodeSystem/v3-ActCode", "code": "ACUTE", "display": "inpatient acute"}, "type": [{"text": "Sick"}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "participant": [{"type": [{"text": "secondary performer"}], "period": {"start": "2019-03-13T12:50:00-04:00", "end": "2019-03-13T13:00:00-04:00"}, "individual": {"reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS, PA-C"}}, {"period": {"start": "2019-03-13T12:50:00-04:00", "end": "2019-03-13T13:00:00-04:00"}, "reasonCode": [{"text": "Sick"}], "location": [{"location": {"reference": "Location/1", "display": "copy of TP1"}, "status": "active"}], "serviceProvider": {"reference": "Organization/1"}, "hospitalization": {"admitSource": {"coding": [{"system": "http://hl7.org/fhir/StructureDefinition/data-absent-reason", "code": "unknown"}], "text": "unknown"}, "dischargeDisposition": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/data-absent-reason", "code": "unknown"}], "text": "unknown"}}}, {"fullUrl": "https://fhir.trimed.cloud/Encounter/77880", "resource": {"resourceType": "Encounter", "id": "77880", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Encounter"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Encounter for the *US Core Encounter Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-encounter"]}, "identifier": [{"system": "https://fhir.trimed.cloud/Encounter", "value": "77880"}], "status": "finished", "class": {"system": "http://terminology.hl7.org/CodeSystem/v3-ActCode", "code": "ACUTE", "display": "inpatient acute"}, "type": [{"coding": [{"system": "http://www.ama-assn.org/go/cpt", "code": "21", "display": "OFFICE VISIT-EST PAT LEVEL 3"}], "text": "OFFICE VISIT-EST PAT LEVEL 3"}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "participant": [{"type": [{"text": "primary performer"}], "period": {"start": "2019-03-13T16:20:00-04:00", "end": "2019-03-13T16:30:00-04:00"}}
```

```

}, "individual": {"reference": "Practitioner/101209660", "display": "Washington, Martha, Md"}}, "period": {"start": "2019-03-13T16:20:00-04:00", "end": "2019-03-13T16:30:00-04:00"}, "reasonCode": [{"text": "Sick"}], "reasonReference": [{"reference": "Procedure/21"}], "location": [{"location": {"reference": "Location/1", "display": "copy of TP1"}, "status": "active"}], "serviceProvider": {"reference": "Organization/1"}, "hospitalization": {"admitSource": {"coding": [{"system": "http://hl7.org/fhir/StructureDefinition/data-absent-reason", "code": "unknown"}], "text": "unknown"}, "dischargeDisposition": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/data-absent-reason", "code": "unknown"}], "text": "unknown"}, "diagnosis": [{"condition": {"reference": "Procedure/21"}, "use": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/diagnosis-role", "code": "billing", "display": "Billing"}], "text": "Billing"}]}], {"fullUrl": "https://fhir.trimed.cloud/Encounter/429123", "resource": {"resourceType": "Encounter", "id": "429123", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Encounter"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a Encounter for the *US Core Encounter Profile*."}], "profile": [{"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-encounter"}]}, "identifier": [{"system": "https://fhir.trimed.cloud/Encounter", "value": "429123"}], "status": "planned", "class": {"system": "http://terminology.hl7.org/CodeSystem/v3-ActCode", "code": "ACUTE", "display": "inpatient acute"}, "type": [{"text": "WC"}], "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "participant": [{"type": {"text": "primary performer"}], "period": {"start": "2022-07-23T09:40:00-04:00", "end": "2022-07-23T10:40:00-04:00"}], "individual": {"reference": "Practitioner/101209736", "display": "Jeffeson, Thomas, Pa-c"}}, "period": {"start": "2022-07-23T09:40:00-04:00", "end": "2022-07-23T10:40:00-04:00"}, "reasonCode": [{"text": "WC"}], "location": [{"location": {"reference": "Location/1", "display": "copy of TP1"}, "status": "active"}], "serviceProvider": {"reference": "Organization/1"}, "hospitalization": {"admitSource": {"coding": [{"system": "http://hl7.org/fhir/StructureDefinition/data-absent-reason", "code": "unknown"}], "text": "unknown"}, "dischargeDisposition": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/data-absent-reason", "code": "unknown"}], "text": "unknown"}]}]}]}

```

## 9.Goal

a) URL = <https://fhir.trimed.cloud/Goal?patient=1234>

HTTP verb = GET

Parameters:

- **Patient** - required
- **\_revinlude**

**Sample JSON response:**

```

{"resourceType": "Bundle", "type": "searchset", "link": [{"relation": "self", "url": "https://fhir.trimed.cloud/Goal?patient=1234"}], "entry": [{"fullUrl": "https://fhir.trimed.cloud/Goal/214464", "resource": {"resourceType": "Goal", "id": "214464", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Goal"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a goal for the *US Core Goal Profile*."}], "profile": [{"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-goal"}]}, "lifecycleStatus": "active", "description": {"text": "Avoid junk foods for 6 months"}, "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y.

```

```
MAY"}, "target": [{"dueDate": "2022-07-25"}]}]}
```

b) URL = <https://fhir.trimed.cloud/Goal/214464>

HTTP verb = GET

Parameters:

- **Patient**
- **\_search** - required -Unique ID from Previous method

**Sample JSON response:**

```
{"resourceType": "Goal", "id": "214464", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Goal"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a goal for the *US Core Goal Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-goal"]}, "lifecycleStatus": "active", "description": {"text": "Avoid junk foods for 6 months"}, "subject": {"reference": "Patient/0"}, "target": [{"dueDate": "2022-07-25"}]}
```

c) URL = [https://fhir.trimed.cloud/Goal/\\_search](https://fhir.trimed.cloud/Goal/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- **Patient** - required

**Sample JSON response:**

```
{"resourceType": "Bundle", "type": "searchset", "link": [{"relation": "self", "url": "https://fhir.trimed.cloud/Goal?patient=1234"}], "entry": [{"fullUrl": "https://fhir.trimed.cloud/Goal/214464", "resource": {"resourceType": "Goal", "id": "214464", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Goal"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a goal for the *US Core Goal Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-goal"]}, "lifecycleStatus": "active", "description": {"text": "Avoid junk foods for 6 months"}, "subject": {"reference": "Patient/1234"}, "display": "LEVITICUS Y. MAY"}, "target": [{"dueDate": "2022-07-25"}]}]}
```

## 10. Immunization

a) URL = <https://fhir.trimed.cloud/Immunization?Patient=1234>

HTTP verb = GET

Parameters:

- **Patient** - required
- **identifier**
- **name**
- **gender**
- **birthdate**
- **\_revinclude**

## Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/Immunization?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/Immunization/170196",
      "resource": {
        "resourceType": "Immunization",
        "id": "170196",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "Immunization"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a immunization 1234 example for the *US Core Immunization Profile*."
            }
          ]
        },
        "profile": [
          "http://hl7.org/fhir/us/core/StructureDefinition/us-core-immunization"
        ],
        "patient": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "identifier": [
          {
            "value": "170196"
          }
        ],
        "status": "not-done",
        "statusReason": {
          "text": "Religious Reasons"
        },
        "site": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/v3-ActSite",
              "code": "LT",
              "display": "left thigh"
            }
          ]
        },
        "route": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/v3-RouteOfAdministration",
              "code": "IDINJ",
              "display": "Injection, intradermal"
            }
          ]
        },
        "fundingSource": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/immunization-funding-source",
              "code": "public",
              "display": "Public"
            }
          ]
        },
        "vaccineCode": {
          "coding": [
            {
              "system": "http://tx.fhir.org/r4",
              "code": "114",
              "display": "Menactra#1"
            },
            {
              "system": "http://hl7.org/fhir/sid/ndc",
              "code": "49281058905",
              "text": "Menactra#1",
              "lotNumber": "U6827BB",
              "occurrenceDateTime": "2022-07-25",
              "recorded": "2022-07-25",
              "doseQuantity": {
                "value": 0.5,
                "unit": "mL",
                "system": "http://tx.fhir.org/r4",
                "code": "mL"
              },
              "performer": [
                {
                  "function": {
                    "coding": [
                      {
                        "system": "http://terminology.hl7.org/CodeSystem/v2-0443",
                        "code": "OP",
                        "display": "Ordering Provider"
                      }
                    ]
                  },
                  "actor": {
                    "reference": "Practitioner/101209736"
                  },
                  "expirationDate": "2022-10-29",
                  "isSubpotent": false,
                  "manufacturer": {
                    "display": "Sanofi Pasteur"
                  },
                  "protocolApplied": [
                    {
                      "targetDisease": [
                        {
                          "text": "Meningococcal ACWY"
                        }
                      ],
                      "doseNumberString": "1",
                      "seriesDosesString": "2"
                    }
                  ],
                  "primarySource": true
                }
              ],
              "fullUrl": "https://fhir.trimed.cloud/Immunization/170195",
              "resource": {
                "resourceType": "Immunization",
                "id": "170195",
                "meta": {
                  "extension": [
                    {
                      "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
                      "valueString": "Immunization"
                    },
                    {
                      "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
                      "valueMarkdown": "This is a immunization 1234 example for the *US Core Immunization Profile*."
                    }
                  ]
                },
                "profile": [
                  "http://hl7.org/fhir/us/core/StructureDefinition/us-core-immunization"
                ],
                "patient": {
                  "reference": "Patient/1234",
                  "display": "LEVITICUS Y. MAY"
                },
                "identifier": [
                  {
                    "value": "170195"
                  }
                ],
                "status": "completed",
                "site": {
                  "coding": [
                    {
                      "system": "http://terminology.hl7.org/CodeSystem/v3-ActSite",
                      "code": "LA",
                      "display": "left arm"
                    }
                  ]
                },
                "route": {
                  "coding": [
                    {
                      "system": "http://terminology.hl7.org/CodeSystem/v3-RouteOfAdministration",
                      "code": "IM",
                      "display": "Injection, intramuscular"
                    }
                  ]
                },
                "fundingSource": {
                  "coding": [
                    {
                      "system": "http://terminology.hl7.org/CodeSystem/immunization-funding-source",
                      "code": "public",
                      "display": "Public"
                    }
                  ]
                },
                "vaccineCode": {
                  "coding": [
                    {
                      "system": "http://tx.fhir.org/r4",
                      "code": "162",
                      "display": "Trumenba#1"
                    },
                    {
                      "system": "http://hl7.org/fhir/sid/ndc",
                      "code": "35324324234",
                      "text": "Trumenba#1",
                      "lotNumber": "M320",
                      "occurrenceDateTime": "2022-07-25",
                      "recorded": "2022-07-25",
                      "doseQuantity": {
                        "value": 0.5,
                        "unit": "mL",
                        "system": "http://tx.fhir.org/r4",
                        "code": "mL"
                      },
                      "performer": [
                        {
                          "function": {
                            "coding": [
                              {
                                "system": "http://terminology.hl7.org/CodeSystem/v2-0443",
                                "code": "OP",
                                "display": "Ordering Provider"
                              }
                            ]
                          },
                          "actor": {
                            "reference": "Practitioner/101209736"
                          },
                          "expirationDate": "2022-12-16",
                          "isSubpotent": false,
                          "manufacturer": {
                            "display": "2121"
                          },
                          "protocolApplied": [
                            {
                              "targetDisease": [
                                {
                                  "text": "Meningitis B"
                                }
                              ],
                              "doseNumberString": "1",
                              "seriesDosesString": "3"
                            }
                          ],
                          "primarySource": true
                        }
                      ]
                    }
                  ]
                }
              }
            }
          ]
        }
      }
    }
  ]
}
```

b) URL = <https://fhir.trimed.cloud/Immunization/170196>  
HTTP verb = GET

Parameters:

- **\_search** - required -Unique ID from Previous method
- **Patient**
- **identifier**
- **name**
- **gender**
- **birthdate**

Sample JSON response:

```
{
  "resourceType": "Immunization",
  "identifier": [ { "value": "170196" } ],
  "id": "170196",
  "meta": { "extension": [ { "url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Immunization" }, { "url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a immunization 1234 example for the *US Core Immunization Profile*." } ] },
  "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-immunization" ],
  "status": "not-done",
  "statusReason": { "text": "Religious Reasons" },
  "site": { "coding": [ { "system": "http://terminology.hl7.org/CodeSystem/v3-ActSite", "code": "LT", "display": "left thigh" } ] },
  "route": { "coding": [ { "system": "http://terminology.hl7.org/CodeSystem/v3-RouteOfAdministration", "code": "IDINJ", "display": "Injection, intradermal" } ] },
  "fundingSource": { "coding": [ { "system": "http://terminology.hl7.org/CodeSystem/immunization-funding-source", "code": "public", "display": "Public" } ] },
  "vaccineCode": { "coding": [ { "system": "http://tx.fhir.org/r4", "code": "114", "display": "Menactra#1" }, { "system": "http://hl7.org/fhir/sid/ndc", "code": "49281058905" } ] },
  "text": "Menactra#1",
  "patient": { "reference": "Patient/1234" },
  "lotNumber": "U6827BB",
  "occurrenceDateTime": "2022-07-25",
  "recorded": "2022-07-25",
  "doseQuantity": { "value": 0.5, "unit": "mL", "system": "http://tx.fhir.org/r4", "code": "mL" },
  "performer": [ { "function": { "coding": [ { "system": "http://terminology.hl7.org/CodeSystem/v2-0443", "code": "OP", "display": "Ordering Provider" } ] }, "actor": { "reference": "Practitioner/101209736" } } ],
  "expirationDate": "2022-10-29",
  "isSubpotent": false,
  "manufacturer": { "display": "Sanofi Pasteur" },
  "protocolApplied": [ { "targetDisease": [ { "text": "Meningococcal ACWY" } ] }, "doseNumberString": "1", "seriesDosesString": "2" ],
  "primarySource": true
}
```

c) URL = [https://fhir.trimed.cloud/Immunization/\\_search](https://fhir.trimed.cloud/Immunization/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- **Patient** - required

Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [ { "relation": "self", "url": "https://fhir.trimed.cloud/Immunization?patient=1234" } ],
  "entry": [ { "fullUrl": "https://fhir.trimed.cloud/Immunization/170196", "resource": { "resourceType": "Immunization", "id": "170196", "meta": { "extension": [ { "url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Immunization" }, { "url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a immunization 1234 example for the *US Core Immunization Profile*." } ] }, "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-immunization" ], "patient": { "reference": "Patient/1234", "display": "LEVITICUS Y. MAY" }, "identifier": [ { "value": "170196" } ], "status": "not-done", "statusReason": { "text": "Religiou" } } } ]
}
```



s

```
Reasons"},"site":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v3-ActSite","code":"LT","display":"left thigh"}]},"route":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v3-RouteOfAdministration","code":"IDINJ","display":"Injection, intradermal"}]},"fundingSource":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/immunization-funding-source","code":"public","display":"Public"}]},"vaccineCode":{"coding":[{"system":"http://tx.fhir.org/r4","code":"114","display":"Menactra#1"}, {"system":"http://hl7.org/fhir/sid/ndc","code":"49281058905"}],"text":"Menactra#1","lotNumber":"U6827BB","occurrenceDateTime":"2022-07-25","recorded":"2022-07-25","doseQuantity":{"value":0.5,"unit":"mL","system":"http://tx.fhir.org/r4","code":"mL"},"performer":[{"function":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v2-0443","code":"OP","display":"Ordering Provider"}]}],"actor":{"reference":"Practitioner/101209736"}],"expirationDate":"2022-10-29","isSubpotent":false,"manufacturer":{"display":"Sanofi Pasteur"},"protocolApplied":[{"targetDisease":{"text":"Meningococcal ACWY"}],"doseNumberString":"1","seriesDosesString":"2"},"primarySource":true},"fullUrl":"https://fhir.trimed.cloud/Immunization/170195","resource":{"resourceType":"Immunization","id":"170195","meta":{"extension":[{"url":"http://hl7.org/fhir/StructureDefinition/instance-name","valueString":"Immunization"}, {"url":"http://hl7.org/fhir/StructureDefinition/instance-description","valueMarkdown":"This is a immunization 1234 example for the *US Core Immunization Profile*."}]},"profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-immunization"]},"patient":{"reference":"Patient/1234","display":"LEVITICUS Y. MAY"},"identifier":[{"value":"170195"}],"status":"completed","site":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v3-ActSite","code":"LA","display":"left arm"}]},"route":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v3-RouteOfAdministration","code":"IM","display":"Injection, intramuscular"}]},"fundingSource":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/immunization-funding-source","code":"public","display":"Public"}]},"vaccineCode":{"coding":[{"system":"http://tx.fhir.org/r4","code":"162","display":"Trumenba#1"}, {"system":"http://hl7.org/fhir/sid/ndc","code":"35324324234"}],"text":"Trumenba#1","lotNumber":"M320","occurrenceDateTime":"2022-07-25","recorded":"2022-07-25","doseQuantity":{"value":0.5,"unit":"mL","system":"http://tx.fhir.org/r4","code":"mL"},"performer":[{"function":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v2-0443","code":"OP","display":"Ordering Provider"}]}],"actor":{"reference":"Practitioner/101209736"}],"expirationDate":"2022-12-16","isSubpotent":false,"manufacturer":{"display":"2121"},"protocolApplied":[{"targetDisease":{"text":"Meningitis B"}]},"doseNumberString":"1","seriesDosesString":"3"},"primarySource":true}}}
```

## 11. Location

a) URL = <https://fhir.trimed.cloud/Location/1>

HTTP verb = GET

Parameters:

- **\_search** - required

**Sample JSON response:**

```
{"resourceType":"Location","id":"1","meta":{"extension":[{"url":"http://hl7.org/fhir/StructureDefinition/instance-name","valueString":"Location"}, {"url":"http://hl7.org/fhir/StructureD
```



```
efinition/instance-description", "valueMarkdown": "This is a acme lab example for the Location Profile*."}], "profile": [{"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-location"}], "status": "active", "name": "copy of TP1", "telecom": [{"system": "phone", "value": "8668746339", "use": "work"}, {"system": "fax", "value": "3368037136"}, {"system": "email", "value": "onboarding@trimedtech.com"}], "address": {"line": ["221 High School Drive"], "city": "Brentwood", "state": "MO", "postalCode": "63144", "country": "USA"}, "managingOrganization": {"reference": "Organization/1"}, "position": {"longitude": "-90.3537628", "latitude": "38.6205744"}}
```

## 12. MedicationRequest

a) URL = <https://fhir.trimed.cloud/MedicationRequest?Patient=1234>

HTTP verb = GET

Parameters:

- **Patient** - required
- **identifier**
- **name**
- **gender**
- **birthdate**
- **\_revinclude**
- **Status**
- **Intent**

Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/MedicationRequest?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/MedicationRequest/49519",
      "resource": {
        "resourceType": "MedicationRequest",
        "identifier": [
          {
            "value": "49519"
          }
        ],
        "id": "49519",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "MedicationRequest"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a MedicationRequest for the *US Core MedicationRequest Profile*."
            }
          ]
        },
        "profile": [
          "http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"
        ],
        "status": "active",
        "intent": "proposal",
        "category": [
          {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/medicationrequest-category",
                "code": "outpatient",
                "display": "Outpatient"
              }
            ]
          }
        ],
        "priority": "routine",
        "doNotPerform": false,
        "reportedBoolean": false,
        "recorder": {
          "reference": "Practitioner/101209736"
        },
        "subject": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "authoredOn": "2022-07-25",
        "requester": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "performer": {
          "reference": "Practitioner/101209736"
        },
        "encounter": {
          "reference": "Encounter/53277"
        },
        "performerType": [
          {
            "coding": [
              {
                "system": "http://snomed.info/sct",
                "code": "59058001",
                "display": "General physician"
              }
            ]
          },
          {
            "text": "General Practice"
          }
        ],
        "courseOfTherapyType": [
          {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/medicationrequest-course-of-therapy",
                "code": "continuous",
                "display": "Continuous long term therapy"
              }
            ]
          },
          {
            "display": "Unknown Coverage"
          }
        ],
        "groupIdentifier": {
          "value": "91195"
        },
        "dosageInstruction": [
          {
            "sequence": 1,
            "text": "apply Cream at bedtime 1 time at night",
            "site": {
              "text": "at"
            }
          }
        ]
      }
    }
  ]
}
```

```
bedtime"},"route":{"text":"External"}}, "medicationCodeableConcept":{"coding":[{"system":"http://www.nlm.nih.gov/research/umls/rxnorm", "code":"311498", "display":"Vicks BabyRub External Cream"}], "text":"Vicks BabyRub External Cream"}, "dispenseRequest":{"numberOfRepeatsAllowed":2, "quantity":{"value":1}, "validityPeriod":{"start":"2022-07-25", "end":"2022-09-11"}, "expectedSupplyDuration":{"value":16, "unit":"days", "system":"http://unitsofmeasure.org"}}, "substitution":{"allowedBoolean":true}}, {"fullUrl":"https://fhir.trimed.cloud/MedicationRequest/49518", "resource":{"resourceType":"MedicationRequest", "identifier":[{"value":"49518"}], "id":"49518", "meta":{"extension":[{"url":"http://hl7.org/fhir/StructureDefinition/instance-name", "valueString":"MedicationRequest"}, {"url":"http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown":"This is a MedicationRequest for the *US Core MedicationRequest Profile*."}], "profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"]}, "status":"active", "intent":"reflex-order", "category":[{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/medicationrequest-category", "code":"outpatient", "display":"Outpatient"}]}], "priority":"routine", "doNotPerform":false, "reportedBoolean":false, "recorder":{"reference":"Practitioner/101209736"}, "subject":{"reference":"Patient/1234", "display":"LEVITICUS Y. MAY"}, "authoredOn":"2022-07-25", "requester":{"reference":"Patient/1234", "display":"LEVITICUS Y. MAY"}, "performer":{"reference":"Practitioner/101209736"}, "encounter":{"reference":"Encounter/53277"}, "performerType":{"coding":[{"system":"http://snomed.info/sct", "code":"59058001", "display":"General physician"}], "text":"General Practice"}, "courseOfTherapyType":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/medicationrequest-course-of-therapy", "code":"continuous", "display":"Continuous long term therapy"}]}, "insurance":[{"display":"Unknown Coverage"}], "groupIdIdentifier":{"value":"1161"}, "dosageInstruction":[{"sequence":1, "text":"10 Milliliters by mouth 2 times a day for 10 days", "asNeededCodeableConcept":{"text":"for 10 days"}, "site":{"text":"by mouth"}, "route":{"text":"Oral"}}, {"coding":[{"system":"http://www.nlm.nih.gov/research/umls/rxnorm", "code":"239191", "display":"Amoxicillin 250 MG/5ML Oral Suspension Reconstituted"}], "text":"Amoxicillin 250 MG/5ML Oral Suspension Reconstituted"}, "dispenseRequest":{"numberOfRepeatsAllowed":3, "quantity":{"value":200}, "validityPeriod":{"start":"2022-07-25", "end":"2022-09-03"}, "expectedSupplyDuration":{"value":10, "unit":"days", "system":"http://unitsofmeasure.org"}}, "substitution":{"allowedBoolean":true}}, {"fullUrl":"https://fhir.trimed.cloud/MedicationRequest/3896", "resource":{"resourceType":"MedicationRequest", "identifier":[{"value":"3896"}], "id":"3896", "meta":{"extension":[{"url":"http://hl7.org/fhir/StructureDefinition/instance-name", "valueString":"MedicationRequest"}, {"url":"http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown":"This is a MedicationRequest for the *US Core MedicationRequest Profile*."}], "profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"]}, "status":"active", "intent":"reflex-order", "category":[{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/medicationrequest-category", "code":"outpatient", "display":"Outpatient"}]}], "priority":"routine", "doNotPerform":false, "reportedBoolean":false, "recorder":{"reference":"Practitioner/101209660"}, "subject":{"reference":"Patient/1234", "display":"LEVITICUS Y. MAY"}, "authoredOn":"2019-03-13", "requester":{"reference":"Patient/1234", "display":"LEVITICUS Y. MAY"}, "performer":{"reference":"Practitioner/101209660"}, "encounter":{"reference":"Encounter/77880"}, "performerType":{"text":"Pediatric Medicine"}, "courseOfTherapyType":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/medicationrequest-course-of-therapy", "code":"acute", "display":"Short course (acute) therapy"}]}, "groupIdIdentifier":{"value":"54388"}, "dosageInstruction":[{"sequence":1, "text":"7
```

```
.5 milliliters taken by mouth daily for 10 days", "asNeededCodeableConcept": {"text": "for 10 days"}, "site": {"text": "by mouth"}, "route": {"text": "oral"}}, "medicationCodeableConcept": {"coding": [{"system": "http://www.nlm.nih.gov/research/umls/rxnorm", "code": "309054", "display": "cefдинир 125 mg/5 mL oral powder for reconstitution"}], "text": "cefдинир 125 mg/5 mL oral powder for reconstitution"}, "dispenseRequest": {"numberOfRepeatsAllowed": 0, "quantity": {"value": 74}, "validityPeriod": {"start": "2019-03-13"}, "expectedSupplyDuration": {"value": 10, "unit": "days", "system": "http://unitsofmeasure.org"}}, "substitution": {"allowedBoolean": false}}}]}
```

b) URL = <https://fhir.trimed.cloud/MedicationRequest/49519>

HTTP verb = GET

Parameters:

- **\_search** - required -Unique ID from Previous method
- **Patient**
- **Patient**
- **identifier**
- **name**
- **gender**
- **birthdate**

Sample JSON response:

```
{ "resourceType": "MedicationRequest", "identifier": [{"value": "49519"}], "id": "49519", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "MedicationRequest"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a MedicationRequest for the *US Core MedicationRequest Profile*."}], "profile": [{"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"}], "status": "active", "intent": "proposal", "category": [{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/medicationrequest-category", "code": "outpatient", "display": "Outpatient"}]}, {"priority": "routine", "doNotPerform": false, "reportedBoolean": false, "recorder": {"reference": "Practitioner/101209736"}, "subject": {"reference": "Patient/1234"}, "authoredOn": "2022-07-25", "requester": {"reference": "Patient/1234"}, "performer": {"reference": "Practitioner/101209736"}, "encounter": {"reference": "Encounter/53277"}, "performerType": {"coding": [{"system": "http://snomed.info/sct", "code": "59058001", "display": "General physician"}], "text": "General Practice"}, "courseOfTherapyType": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/medicationrequest-course-of-therapy", "code": "continuous", "display": "Continuous long term therapy"}]}, "insurance": [{"display": "Unknown Coverage"}], "groupIdentifier": {"value": "91195"}, "dosageInstruction": [{"sequence": 1, "text": "apply Cream at bedtime 1 time at night", "site": {"text": "at bedtime"}, "route": {"text": "External"}}, {"medicationCodeableConcept": {"coding": [{"system": "http://www.nlm.nih.gov/research/umls/rxnorm", "code": "311498", "display": "Vicks BabyRub External Cream"}], "text": "Vicks BabyRub External Cream"}, "dispenseRequest": {"numberOfRepeatsAllowed": 2, "quantity": {"value": 1}, "validityPeriod": {"start": "2022-07-25", "end": "2022-09-11"}, "expectedSupplyDuration": {"value": 16, "unit": "days", "system": "http://unitsofmeasure.org"}}, "substitution": {"allowedBoolean": true}}}]}
```

c) URL = [https://fhir.trimed.cloud/MedicationRequest/\\_search](https://fhir.trimed.cloud/MedicationRequest/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

## Parameters:

- **Patient** - required
- **Status**
- **Intent**

## Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/MedicationRequest?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/MedicationRequest/49519",
      "resource": {
        "resourceType": "MedicationRequest",
        "identifier": [
          {
            "value": "49519"
          }
        ],
        "id": "49519",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "MedicationRequest"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a MedicationRequest for the *US Core MedicationRequest Profile*."
            }
          ]
        },
        "profile": [
          "http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"
        ],
        "status": "active",
        "intent": "proposal",
        "category": [
          {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/medicationrequest-category",
                "code": "outpatient",
                "display": "Outpatient"
              }
            ]
          }
        ],
        "priority": "routine",
        "doNotPerform": false,
        "reportedBoolean": false,
        "recorder": {
          "reference": "Practitioner/101209736"
        },
        "subject": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "authoredOn": "2022-07-25",
        "requester": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "performer": {
          "reference": "Practitioner/101209736"
        },
        "encounter": {
          "reference": "Encounter/53277"
        },
        "performerType": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "59058001",
              "display": "General physician"
            }
          ]
        },
        "text": "General Practice",
        "courseOfTherapyType": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/medicationrequest-course-of-therapy",
              "code": "continuous",
              "display": "Continuous long term therapy"
            }
          ]
        },
        "insurance": [
          {
            "display": "Unknown Coverage"
          }
        ],
        "groupIdentifier": {
          "value": "91195"
        },
        "dosageInstruction": [
          {
            "sequence": 1,
            "text": "apply Cream at bedtime 1 time at night",
            "site": {
              "text": "at bedtime"
            },
            "route": {
              "text": "External"
            }
          }
        ],
        "medicationCodeableConcept": {
          "coding": [
            {
              "system": "http://www.nlm.nih.gov/research/umls/rxnorm",
              "code": "311498",
              "display": "Vicks BabyRub External Cream"
            }
          ]
        },
        "text": "Vicks BabyRub External Cream",
        "dispenseRequest": {
          "numberOfRepeatsAllowed": 2,
          "quantity": {
            "value": 1
          },
          "validityPeriod": {
            "start": "2022-07-25",
            "end": "2022-09-11",
            "expectedSupplyDuration": {
              "value": 16,
              "unit": "days",
              "system": "http://unitsofmeasure.org"
            }
          },
          "substitution": {
            "allowedBoolean": true
          }
        },
        "fullUrl": "https://fhir.trimed.cloud/MedicationRequest/49518",
        "resource": {
          "resourceType": "MedicationRequest",
          "identifier": [
            {
              "value": "49518"
            }
          ],
          "id": "49518",
          "meta": {
            "extension": [
              {
                "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
                "valueString": "MedicationRequest"
              },
              {
                "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
                "valueMarkdown": "This is a MedicationRequest for the *US Core MedicationRequest Profile*."
              }
            ]
          },
          "profile": [
            "http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"
          ],
          "status": "active",
          "intent": "reflex-order",
          "category": [
            {
              "coding": [
                {
                  "system": "http://terminology.hl7.org/CodeSystem/medicationrequest-category",
                  "code": "outpatient",
                  "display": "Outpatient"
                }
              ]
            }
          ],
          "priority": "routine",
          "doNotPerform": false,
          "reportedBoolean": false,
          "recorder": {
            "reference": "Practitioner/101209736"
          },
          "subject": {
            "reference": "Patient/1234",
            "display": "LEVITICUS Y. MAY"
          },
          "authoredOn": "2022-07-25",
          "requester": {
            "reference": "Patient/1234",
            "display": "LEVITICUS Y. MAY"
          },
          "performer": {
            "reference": "Practitioner/101209736"
          },
          "encounter": {
            "reference": "Encounter/53277"
          },
          "performerType": {
            "coding": [
              {
                "system": "http://snomed.info/sct",
                "code": "59058001",
                "display": "General physician"
              }
            ]
          },
          "text": "General"
        }
      }
    }
  ]
}
```

```

Practice"}, "courseOfTherapyType": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/medicationrequest-course-of-therapy", "code": "continuous", "display": "Continuous long term therapy"}]}, "insurance": [{"display": "Unknown Coverage"}], "groupIdentifier": {"value": "1161"}, "dosageInstruction": [{"sequence": 1, "text": "10 Milliliters by mouth 2 times a day for 10 days", "asNeededCodeableConcept": {"text": "for 10 days"}, "site": {"text": "by mouth"}, "route": {"text": "Oral"}]}, "medicationCodeableConcept": {"coding": [{"system": "http://www.nlm.nih.gov/research/umls/rxnorm", "code": "239191", "display": "Amoxicillin 250 MG/5ML Oral Suspension Reconstituted"}], "text": "Amoxicillin 250 MG/5ML Oral Suspension Reconstituted"}, "dispenseRequest": {"numberOfRepeatsAllowed": 3, "quantity": {"value": 200}, "validityPeriod": {"start": "2022-07-25", "end": "2022-09-03"}, "expectedSupplyDuration": {"value": 10, "unit": "days", "system": "http://unitsofmeasure.org"}}, "substitution": {"allowedBoolean": true}}, {"fullUrl": "https://fhir.trimed.cloud/MedicationRequest/3896", "resource": {"resourceType": "MedicationRequest", "identifier": [{"value": "3896"}], "id": "3896", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "MedicationRequest"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a MedicationRequest for the *US Core MedicationRequest Profile*."}], "profile": [{"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"}]}, "status": "active", "intent": "reflex-order", "category": [{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/medicationrequest-category", "code": "outpatient", "display": "Outpatient"}]}], "priority": "routine", "doNotPerform": false, "reportedBoolean": false, "recorder": {"reference": "Practitioner/101209660"}, "subject": {"reference": "Patient/1234", "display": "LEVI TICUS Y. MAY"}, "authoredOn": "2019-03-13", "requester": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "performer": {"reference": "Practitioner/101209660"}, "encounter": {"reference": "Encounter/77880"}, "performerType": {"text": "Pediatric Medicine"}, "courseOfTherapyType": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/medicationrequest-course-of-therapy", "code": "acute", "display": "Short course (acute) therapy"}]}, "groupIdentifier": {"value": "54388"}, "dosageInstruction": [{"sequence": 1, "text": ".5 milliliters taken by mouth daily for 10 days", "asNeededCodeableConcept": {"text": "for 10 days"}, "site": {"text": "by mouth"}, "route": {"text": "oral"}]}, "medicationCodeableConcept": {"coding": [{"system": "http://www.nlm.nih.gov/research/umls/rxnorm", "code": "309054", "display": "cefдинир 125 mg/5 mL oral powder for reconstitution"}], "text": "cefдинир 125 mg/5 mL oral powder for reconstitution"}, "dispenseRequest": {"numberOfRepeatsAllowed": 0, "quantity": {"value": 74}, "validityPeriod": {"start": "2019-03-13"}, "expectedSupplyDuration": {"value": 10, "unit": "days", "system": "http://unitsofmeasure.org"}}, "substitution": {"allowedBoolean": false}}]}]}

```

## 13. Observation

a) URL = <https://fhir.trimed.cloud/Observation?Patient=1234&code=8302-2>

HTTP verb = GET

Parameters:

- **Patient** - required
- **identifier**
- **name**
- **gender**
- **birthdate**

- **code** -required
- **date**
- **\_reinclude**
- **category**

### Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/rimed.cloud/Observation?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/Observation/1234",
      "resource": {
        "resourceType": "Observation",
        "id": "1234height",
        "identifier": [
          {
            "value": "214467"
          }
        ],
        "status": "final",
        "category": [
          {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/observation-category",
                "code": "vital-signs",
                "display": "Vital Signs"
              }
            ],
            "text": "Vital Signs"
          }
        ],
        "code": {
          "coding": [
            {
              "system": "http://loinc.org",
              "code": "8302-2",
              "display": "Body height"
            }
          ],
          "text": "Body height"
        },
        "subject": {
          "reference": "Patient/1234",
          "display": "LEVITICUS Y. MAY"
        },
        "effectiveDateTime": "2022-07-25",
        "issued": "2022-07-25T00:44:34-04:00",
        "method": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "14456009",
              "display": "Measuring height of patient"
            }
          ],
          "text": "Measuring height of patient"
        },
        "performer": [
          {
            "reference": "Practitioner/101209736",
            "display": "JEFFESON, THOMAS, PA-C"
          }
        ],
        "valueQuantity": {
          "value": 63.7795,
          "unit": "Inches",
          "system": "http://unitsofmeasure.org",
          "code": "[in_i]"
        },
        "note": [
          {
            "text": "Patient crying during vital signs"
          }
        ]
      }
    }
  ]
}
```

b) URL = <https://fhir.trimed.cloud/Observation/1234height>

HTTP verb = GET

Parameters:

- **\_search** - required -Unique ID from Previous method
- **Patient**
- **identifier**
- **name**
- **gender**
- **birthdate**

### Sample JSON response:

```
{
  "resourceType": "Observation",
  "id": "1234height",
  "identifier": [
    {
      "value": "214467"
    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-category",
          "code": "vital-signs",
          "display": "Vital Signs"
        }
      ],
      "text": "Vital Signs"
    }
  ],
  "code": {
    "coding": [
      {
        "system": "http://loinc.org",
        "code": "8302-2",
        "display": "Body height"
      }
    ],
    "text": "Body height"
  },
  "subject": {
    "reference": "Patient/1234",
    "display": "LEVITICUS Y. MAY"
  },
  "effectiveDateTime": "2022-07-25",
  "issued": "2022-07-25T00:44:34-04:00",
  "method": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "14456009",
        "display": "Measuring height of patient"
      }
    ],
    "text": "Measuring height of patient"
  },
  "performer": [
    {
      "reference": "Practitioner/101209736",
      "display": "JEFFESON, THOMAS, PA-C"
    }
  ],
  "valueQuantity": {
    "value": 63.7795,
    "unit": "Inches",
    "system": "http://unitsofmeasure.org",
    "code": "[in_i]"
  },
  "note": [
    {
      "text": "Patient crying during vital signs"
    }
  ]
}
```

c) URL = [https://fhir.trimed.cloud/Observation/\\_search](https://fhir.trimed.cloud/Observation/_search)

HTTP verb = POST



Content-Type = application/x-www-form-urlencoded

Parameters:

- **Patient** - required
- **code** -required
- **category**
- **date**

Sample JSON response:

```
{ "resourceType": "Bundle", "type": "searchset", "link": [ { "relation": "self", "url": "https://fhir.trimed.cloud/Observation?patient=1234" } ], "entry": [ { "fullUrl": "https://fhir.trimed.cloud/Observation/1234", "resource": { "resourceType": "Observation", "id": "1234height", "identifier": [ { "value": "214467" } ], "status": "final", "category": [ { "coding": [ { "system": "http://terminology.hl7.org/CodeSystem/observation-category", "code": "vital-signs", "display": "Vital Signs" } ] }, "text": "Vital Signs" }, { "coding": [ { "system": "http://loinc.org", "code": "8302-2", "display": "Body height" } ] }, "text": "Body height" }, { "subject": { "reference": "Patient/1234", "display": "LEVITICUS Y. MAY" }, "effectiveDateTime": "2022-07-25", "issued": "2022-07-25T00:44:34-04:00", "method": { "coding": [ { "system": "http://snomed.info/sct", "code": "14456009", "display": "Measuring height of patient" } ] }, "text": "Measuring height of patient" }, { "performer": [ { "reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS, PA-C" } ], "valueQuantity": { "value": 63.7795, "unit": "Inches", "system": "http://unitsofmeasure.org", "code": "[in_i]" }, "note": [ { "text": "Patient crying during vital signs" } ] } } ] }
```

## 14. Organization

a) URL = <https://fhir.trimed.cloud/Organization/1>

HTTP verb = GET

Parameters:

- **\_search** - required

Sample JSON response:

```
{ "resourceType": "Organization", "id": "1", "meta": { "extension": [ { "url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Organization" }, { "url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a acme lab example for the *US Core Organization Profile*." } ] }, "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-organization" ], "identifier": [ { "system": "http://hl7.org/fhir/sid/us-npi", "value": "9876543210" } ], "active": true, "name": "TriMed Peds", "telecom": [ { "system": "phone", "value": "8668746339", "use": "work" }, { "system": "email", "value": "support@trimedtech.com" }, { "system": "fax", "value": "3368037136" }, { "system": "url", "value": "https://patientportal.trimedtech.com/tp/" } ], "address": [ { "line": [ "4148 Mendenhall Oaks Parkway", "4148 Mendenhall Oaks" ], "city": "High Point", "state": "NC", "postalCode": "27265", "country": "USA" } ] }
```

## 15. Patient



a) URL = [https://fhir.trimed.cloud/Patient?\\_id=1234](https://fhir.trimed.cloud/Patient?_id=1234)

HTTP verb = GET

Parameters:

- **\_id**- required
- **identifier**
- **name**
- **gender**
- **birthdate**
- **\_revinclude**

Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/Patient?_id=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/Patient/1234",
      "resource": {
        "resourceType": "Patient",
        "id": "1234",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "Patient Example"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a patient example for the *US Core Patient Profile*."
            }
          ],
          "profile": [
            "http://hl7.org/fhir/us/core/StructureDefinition/us-core-patient"
          ],
          "text": {
            "status": "generated",
            "div": "\u003Cdiv
xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\u003Cp\u003E\u003Cb\u003ELEVITICUS Y. MAY\u003C/b\u003E Female, DoB: 2004-01-01 ( Medical Record Number: 1234 (USUAL) \u003C/p\u003E\u003C/div\u003E",
            "extension": [
              {
                "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-race",
                "extension": [
                  {
                    "url": "http://hl7.org/fhir/us/core/ValueSet/omb-race-category",
                    "valueCoding": {
                      "system": "http://terminology.hl7.org/CodeSystem/v3-NullFlavor",
                      "code": "UNK",
                      "display": "unknown"
                    },
                    "url": "text",
                    "valueString": "unknown"
                  }
                ],
                "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-ethnicity",
                "extension": [
                  {
                    "url": "ombCategory",
                    "valueCoding": {
                      "system": "urn:oid:2.16.840.1.113883.6.238",
                      "code": "2135-2",
                      "display": "Hispanic or Latino"
                    },
                    "url": "detailed",
                    "valueCoding": {
                      "system": "urn:oid:2.16.840.1.113883.6.238",
                      "code": "2167-5",
                      "display": "Bolivian"
                    },
                    "url": "text",
                    "valueString": "Mixed"
                  }
                ],
                "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-birthsex",
                "valueCode": "F"
              }
            ],
            "identifier": [
              {
                "use": "usual",
                "type": {
                  "coding": [
                    {
                      "system": "http://terminology.hl7.org/CodeSystem/v2-0203",
                      "code": "MR",
                      "display": "Medical Record Number"
                    }
                  ],
                  "text": "Medical Record Number",
                  "system": "https://fhir.trimed.cloud/Patient/",
                  "value": "1234"
                },
                "maritalStatus": {
                  "coding": [
                    {
                      "system": "http://hl7.org/fhir/StructureDefinition/data-absent-reason",
                      "code": "unknown",
                      "display": "unknown"
                    }
                  ],
                  "text": "unknown",
                  "active": true,
                  "name": [
                    {
                      "use": "usual",
                      "family": "MAY",
                      "given": [
                        "LEVITICUS",
                        "Y"
                      ],
                      "suffix": [
                        "JR."
                      ],
                      "period": {
                        "start": "2022-08-04"
                      }
                    },
                    {
                      "use": "old",
                      "family": "MAY",
                      "given": [
                        "LEV",
                        "Y"
                      ],
                      "period": {
                        "start": "2022-07-26",
                        "end": "2022-08-04"
                      }
                    }
                  ],
                  "telecom": [
                    {
                      "system": "phone",
                      "value": "3362631479",
                      "use": "mobile"
                    },
                    {
                      "system": "email",
                      "value": "tim@trimedtech.com"
                    }
                  ],
                  "gender": "female",
                  "birthdate": "2004-01-01",
                  "address": [
                    {
                      "use": "home",
                      "line": [
                        "1202 Red Lane Rd"
                      ],
                      "city": "Pleasant Garden",
                      "state": "NC",
                      "postalCode": "27313",
                      "period": {
                        "start": "2022-08-04"
                      },
                      "use": "old",
                      "line": [
                        "132, Missip Street"
                      ],
                      "city": "Kingston",
                      "state": "NY",
                      "postalCode": "12401",
                      "period": {
                        "start": "2022-07-26",
                        "end": "2022-08-04"
                      }
                    }
                  ],
                  "communication": [
                    {
                      "language": {
                        "coding": [
                          {
                            "system": "urn:oid:2.16.840.1.113883.6.121",
                            "code": "en",
                            "display": "English"
                          }
                        ],
                        "text": "English"
                      }
                    }
                  ],
                  "deceasedBoolean": false,
                  "multipleBirthBoolean": false,
                  "contact": [
                    {
                      "name": {
                        "use": "usual",
                        "family": "MAY",
                        "given": [
                          "GENEVA"
                        ]
                      },
                      "telecom": [
                        {
                          "system": "phone",
                          "value": "1111111111",
                          "use": "mobile"
                        },
                        {
                          "system": "email",
                          "value": "tim@trimedtech.com"
                        }
                      ],
                      "address": {
                        "line": [
                          "1202 Red Lane Rd"
                        ],
                        "city": "Pleasant Garden",
                        "state": "NC",
                        "postalCode": "27313"
                      },
                      "relationship": [
                        {
                          "text": "LEGAL GUARDIAN"
                        }
                      ],
                      "name": {
                        "use": "usual",
                        "family": "MAY",
                        "given": [
                          "GENEVA"
                        ]
                      },
                      "telecom": [
                        {
                          "system": "phone",
                          "value": "3362631479",
                          "use": "mobile"
                        },
                        {
                          "system": "email",
                          "value": "tim@trimedtech.com"
                        }
                      ],
                      "address": {
                        "line": [
                          "1202 Red Lane Rd"
                        ],
                        "city": "Pleasant Garden",
                        "state": "NC",
                        "postalCode": "27313"
                      }
                    }
                  ]
                }
              }
            ]
          }
        }
      }
    }
  ]
}
```

```

"phone", "value": "1111111111", "use": "mobile"}, {"system": "email", "value": "tim@trimedtech.com"}
], "address": {"line": ["1202 Red Lane Rd"], "city": "Pleasant Garden", "state": "NC", "postalCode": "27313"}, "relationship": [{"text": "PRIMARY CAREGIVER"}]}, "photo": [{"url": "https://tmt-prod-cloud-objects.s3.us-east-2.amazonaws.com/4C0pyOfTP/Patient/1234.jpeg?X-Amz-Expires=18000\u0026X-Amz-Algorithm=AWS4-HMAC-SHA256\u0026X-Amz-Credential=AKIAUPRJ7CSPF2FSYRBT/20220805/us-east-2/s3/aws4_request\u0026X-Amz-Date=20220805T124757Z\u0026X-Amz-SignedHeaders=host\u0026X-Amz-Signature=4bced7d09283724c4ec372a0145858a4f1621880613f27768197f1676c5fb00e"}], "generalPractitioner": [{"display": "Mary\u0027s Yonjof, FNP-C"}]}]}]}

```

b) URL = <https://fhir.trimed.cloud/Patient/1234>

HTTP verb = GET

Parameters:

- `_id`- required -Unique ID from Previous method

### Sample JSON response:

```

{"id": "1234", "resourceType": "Patient", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Patient Example"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a patient example for the *US Core Patient Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-patient"]}, "text": {"status": "generated", "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\u003Cp\u003E\u003Cb\u003ELEVITICUS Y. MAY\u003C/b\u003E Female, DoB: 2004-01-01 ( Medical Record Number: 1234 (USUAL) \u003C/p\u003E\u003Cdiv\u003E"}, "extension": [{"url": "http://hl7.org/fhir/us/core/Structuredefinition/us-core-race", "extension": [{"url": "http://hl7.org/fhir/us/core/ValueSet/omb-race-category", "valueCoding": {"system": "http://terminology.hl7.org/CodeSystem/v3-NullFlavor", "code": "UNK", "display": "unknown"}}, {"url": "text", "valueString": "unknown"}]}, {"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-ethnicity", "extension": [{"url": "ombCategory", "valueCoding": {"system": "urn:oid:2.16.840.1.113883.6.238", "code": "2135-2", "display": "Hispanic or Latino"}}, {"url": "detailed", "valueCoding": {"system": "urn:oid:2.16.840.1.113883.6.238", "code": "2167-5", "display": "Bolivian"}}, {"url": "text", "valueString": "Mixed"}]}, {"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-birthsex", "valueCode": "F"}], "identifier": [{"use": "usual", "type": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/v2-0203", "code": "MR", "display": "Medical Record Number"}], "text": "Medical Record Number"}, "system": "https://fhir.trimed.cloud/Patient/", "value": "1234"}], "maritalStatus": {"coding": [{"system": "http://hl7.org/fhir/StructureDefinition/data-absent-reason", "code": "unknown", "display": "unknown"}], "text": "unknown"}, "active": true, "name": [{"use": "usual", "family": "MAY", "given": ["LEVITICUS", "Y"], "suffix": ["JR."], "period": {"start": "2022-08-04"}}, {"use": "old", "family": "MAY", "given": ["LEV", "Y"], "period": {"start": "2022-07-26", "end": "2022-08-04"}}], "telecom": [{"system": "phone", "value": "3362631479", "use": "mobile"}, {"system": "email", "value": "tim@trimedtech.com"}], "gender": "female", "birthDate": "2004-01-01", "address": [{"use": "home", "line": ["1202 Red Lane Rd"], "city": "Pleasant Garden", "state": "NC", "postalCode": "27313", "period": {"start": "2022-08-04"}}, {"use": "old", "line": ["132, Missip Street"], "city": "Kingston", "state": "NY", "postalCode": "12401", "period": {"start": "2022-07-26", "end": "2022-08-04"}}], "communication": [{"language": {"coding": [{"system": "urn:oid:2.16.840.1.113883.6.121", "code": "en", "display": "English"}], "text": "English"}], "deceasedBoolean": false, "multipleBirthBoolean": false, "contact": [{"name": {"use": "usual", "family": "MAY", "given": ["GENEVA"]}, "telecom": [{"system": "phone", "value": "1111111111", "use": "mobile"}, {"system": "email", "v

```

```

"alue":"tim@trimedtech.com"}], "address":{"line":["1202 Red Lane Rd"], "city":"Pleasant
Garden", "state":"NC", "postalCode":"27313"}, "relationship":[{"text":"LEGAL
GUARDIAN"}]}, {"name":{"use":"usual", "family":"MAY", "given":["GENEVA"]}, "telecom":[{"system":
"phone", "value":"1111111111", "use":"mobile"}, {"system":"email", "value":"tim@trimedtech.com"}
], "address":{"line":["1202 Red Lane Rd"], "city":"Pleasant
Garden", "state":"NC", "postalCode":"27313"}, "relationship":[{"text":"PRIMARY
CAREGIVER"}]}], "photo":[{"url":"https://tmt-prod-cloud-objects.s3.us-east-2.amazonaws.com/4C
opyOfFTP/Patient/1234.jpeg?X-Amz-Expires=18000\u0026X-Amz-Algorithm=AWS4-HMAC-SHA256\u0026X-A
mz-Credential=AKIAUPRJ7CSPF2FSYRBT/20220805/us-east-2/s3/aws4_request\u0026X-Amz-Date=202208
05T124911Z\u0026X-Amz-SignedHeaders=host\u0026X-Amz-Signature=1feedcfd23031cbf48c2c64c16f814
5968eb206b0ea7a287660678800a2cf824"}], "generalPractitioner":[{"display":"Mary\u0027s Yonjof,
FNP-C"}]}

```

c) URL = [https://fhir.trimed.cloud/Patient/\\_search](https://fhir.trimed.cloud/Patient/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- **\_id-** required
- **identifier**
- **name**
- **gender**
- **birthdate**

Sample JSON response:

```

{"resourceType":"Bundle", "type":"searchset", "link":[{"relation":"self", "url":"https://fhir.t
rimed.cloud/Patient?_id=1234"}], "entry":[{"fullUrl":"https://fhir.trimed.cloud/Patient/1234"
, "resource":{"resourceType":"Patient", "id":"1234", "meta":{"extension":[{"url":"http://hl7.or
g/fhir/StructureDefinition/instance-name", "valueString":"Patient
Example"}, {"url":"http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdo
wn":"This is a patient example for the *US Core Patient
Profile*."}], "profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-patient"]},
"text":{"status":"generated", "div":"\u003Cdiv
xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\u003Cp\u003E\u003Cb\u003ELEVITICUS Y.
MAY\u003C/b\u003E Female, DoB: 2004-01-01 ( Medical Record Number: 1234 (USUAL)
\u003C/p\u003E\u003C/div\u003E"}, "extension":[{"url":"http://hl7.org/fhir/us/core/StructureD
efinition/us-core-race", "extension":[{"url":"http://hl7.org/fhir/us/core/ValueSet/omb-race-c
ategory", "valueCoding":{"system":"http://terminology.hl7.org/CodeSystem/v3-NullFlavor", "code
":"UNK", "display":"unknown"}}, {"url":"text", "valueString":"unknown"}]}, {"url":"http://hl7.o
rg/fhir/us/core/StructureDefinition/us-core-ethnicity", "extension":[{"url":"ombCategory", "val
ueCoding":{"system":"urn:oid:2.16.840.1.113883.6.238", "code":"2135-2", "display":"Hispanic or
Latino"}}, {"url":"detailed", "valueCoding":{"system":"urn:oid:2.16.840.1.113883.6.238", "code
":"2167-5", "display":"Bolivian"}}, {"url":"text", "valueString":"Mixed"}]}, {"url":"http://hl7.o
rg/fhir/us/core/StructureDefinition/us-core-birthsex", "valueCode":"F"}], "identifier":[{"use
":"usual", "type":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v2-0203", "code":
"MR", "display":"Medical Record Number"}], "text":"Medical Record
Number"}, "system":"https://fhir.trimed.cloud/Patient/", "value":"1234"}], "maritalStatus":{"co
ding":[{"system":"http://hl7.org/fhir/StructureDefinition/data-absent-reason", "code":"unknow
n", "display":"unknown"}], "text":"unknown"}, "active":true, "name":[{"use":"usual", "family":"MA
Y", "given":["LEVITICUS", "Y"], "suffix":["JR."], "period":{"start":"2022-08-04"}}, {"use":"old",

```

```

"family": "MAY", "given": ["LEV", "Y"], "period": {"start": "2022-07-26", "end": "2022-08-04"}, "telecom": [{"system": "phone", "value": "3362631479", "use": "mobile"}, {"system": "email", "value": "tim@trimedtech.com"}], "gender": "female", "birthDate": "2004-01-01", "address": [{"use": "home", "line": ["1202 Red Lane Rd"], "city": "Pleasant Garden", "state": "NC", "postalCode": "27313", "period": {"start": "2022-08-04"}}, {"use": "old", "line": ["132, Missip Street"], "city": "Kingston", "state": "NY", "postalCode": "12401", "period": {"start": "2022-07-26", "end": "2022-08-04"}}], "communication": [{"language": {"coding": [{"system": "urn:oid:2.16.840.1.113883.6.121", "code": "en", "display": "English"}], "text": "English"}], "deceasedBoolean": false, "multipleBirthBoolean": false, "contact": [{"name": {"use": "usual", "family": "MAY", "given": ["GENEVA"]}, "telecom": [{"system": "phone", "value": "111111111", "use": "mobile"}, {"system": "email", "value": "tim@trimedtech.com"}], "address": {"line": ["1202 Red Lane Rd"], "city": "Pleasant Garden", "state": "NC", "postalCode": "27313"}, "relationship": [{"text": "LEGAL GUARDIAN"}]}, {"name": {"use": "usual", "family": "MAY", "given": ["GENEVA"]}, "telecom": [{"system": "phone", "value": "111111111", "use": "mobile"}, {"system": "email", "value": "tim@trimedtech.com"}], "address": {"line": ["1202 Red Lane Rd"], "city": "Pleasant Garden", "state": "NC", "postalCode": "27313"}, "relationship": [{"text": "PRIMARY CAREGIVER"}]}], "photo": [{"url": "https://tmt-prod-cloud-objects.s3.us-east-2.amazonaws.com/4C0pyOfFTP/Patient/1234.jpeg?X-Amz-Expires=18000&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAUPRJ7CSPF2FSYRBT/20220805/us-east-2/s3/aws4_request&X-Amz-Date=20220805T125001Z&X-Amz-SignedHeaders=host&X-Amz-Signature=01b5431c548f58afa5c45a2fc78c60acc37afff61615a0ff843fc335f09417af"}], "generalPractitioner": [{"display": "Mary\u0027s Yonjof, FNP-C"}]}]}]}

```

## 16. Practitioner

a) URL = [https://fhir.trimed.cloud/Practitioner?\\_id=101209765](https://fhir.trimed.cloud/Practitioner?_id=101209765)

HTTP verb = GET

Parameters:

- **\_id**- required
- **identifier**
- **name**

Sample JSON response:

```

{"resourceType": "Bundle", "type": "searchset", "link": [{"relation": "self", "url": "https://fhir.trimed.cloud/practitioner?_id=101209765"}], "entry": [{"fullUrl": "https://fhir.trimed.cloud/Practitioner/101209765", "resource": {"resourceType": "Practitioner", "id": "101209765", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Practitioner"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a practitioner example for the *US Core Practitioner Profile*."}], "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-practitioner"]}, "text": {"status": "generated", "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\u003Cp\u003E\u003Cb\u003EGenerated Narrative\u003C/b\u003E\u003Cp\u003E\u003Cdiv style=\u0022display: inline-block; background-color: #d9e0e7; padding: 6px; margin: 4px; border: 1px solid #8da1b4; border-radius: 5px; line-height: 60%\u0022\u003E\u003Cp style=\u0022margin-bottom: 0px\u0022\u003EResource \u0022practitioner\u0022 \u003C/p\u003E\u003Cp style=\u0022margin-bottom: 0px\u0022\u003EProfile: \u003Ca href=\u0022StructureDefinition-us-core-practitioner.html\u0022\u003EUS Core Practitioner

```

```
Profile/a/b: id: 9876543210 , id:
101209765/p/ \u003Cp\u003E\u003Cb\u003Ename/b/ \u003E: GEORGE WASHINGTON
\u003Cp\u003E \u003Cp\u003E\u003Cb\u003Etelecom/b/ \u003E: \u003Ca
href=\u0022mailto:support@trimedtech.com\u0022\u003Esupport@trimedtech.com/a/ \u003E\u00
3C/p\u003E\u003C/div\u003E"}, {"active": true, "identifier": [{"system": "http://hl7.org/fhir/sid/
us-npi", "value": "9876543210"}, {"system": "http://www.acme.org/practitioners", "value": "1012097
65"}], "name": [{"family": "WASHINGTON", "given": ["GEORGE"], "suffix": ["PA-C"]}], "telecom": [{"ext
ension": [{"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-direct", "valueBoolea
n": true}], "system": "email", "value": "support@trimedtech.com", "use": "work"}, {"system": "phone
", "value": "9876543210", "use": "work"}, {"system": "fax", "value": "9876543210", "use": "work"}], "add
ress": [{"use": "work", "line": ["4148 Mendenhall Oaks Parkway"], "city": "HIGH
POINT", "state": "NC", "postalCode": "27265-8107"}], "qualification": [{"code": {"text": "PA-C"}}], "
communication": [{"coding": [{"system": "urn:ietf:bcp:47", "display": "English"}, {"system": "urn:i
ETF:bcp:47", "display": "Spanish"}]}]}}}
```

b) URL = <https://fhir.trimed.cloud/Practitioner/101209765>

HTTP verb = GET

Parameters:

- **\_search-** required -Unique ID from Previous method
- **identifier**
- **name**

### Sample JSON response:

```
{
  "resourceType": "Practitioner",
  "id": "101209765",
  "meta": {
    "extension": [
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
        "valueString": "Practitioner"
      },
      {
        "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
        "valueMarkdown": "This is a practitioner example for the *US Core Practitioner Profile*."
      }
    ]
  },
  "profile": [
    "http://hl7.org/fhir/us/core/StructureDefinition/us-core-practitioner"
  ],
  "text": {
    "status": "generated",
    "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\u003Cp\u003E\u003Cb\u003EGenerated Narrative\u003C/b\u003E\u003Cp\u003E\u003Cdiv style=\u0022display: inline-block; background-color: #d9e0e7; padding: 6px; margin: 4px; border: 1px solid #8da1b4; border-radius: 5px; line-height: 60%\u0022\u003E\u003Cp style=\u0022margin-bottom: 0px\u0022\u003EResource \u0022practitioner\u0022 \u003Cp\u003E\u003Cp style=\u0022margin-bottom: 0px\u0022\u003EProfile: \u003Ca href=\u0022StructureDefinition-us-core-practitioner.html\u0022\u003EUS Core Practitioner Profile/a/ \u003E\u003C/p\u003E\u003C/div\u003E\u003Cp\u003E\u003Cb\u003Eid\u003C/b\u003E: id: 9876543210 , id: 101209765/p/ \u003Cp\u003E\u003Cp\u003E\u003Cb\u003Ename/b/ \u003E: GEORGE WASHINGTON \u003Cp\u003E \u003Cp\u003E\u003Cb\u003Etelecom/b/ \u003E: \u003Ca href=\u0022mailto:support@trimedtech.com\u0022\u003E support@trimedtech.com/a/ \u003E\u003C/p\u003E\u003C/div\u003E"}, {"active": true, "identifier": [{"system": "http://hl7.org/fhir/sid/us-npi", "value": "9876543210"}, {"system": "http://www.acme.org/practitioners", "value": "101209765"}], "name": [{"family": "WASHINGTON", "given": ["GEORGE"], "suffix": ["PA-C"]}], "telecom": [{"extension": [{"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-direct", "valueBoolean": true}], "system": "email", "value": "support@trimedtech.com", "use": "work"}, {"system": "phone", "value": "9876543210", "use": "work"}, {"system": "fax", "value": "9876543210", "use": "work"}], "address": [{"use": "work", "line": ["4148 Mendenhall Oaks Parkway"], "city": "HIGH
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```
POINT", "state": "NC", "postalCode": "27265-8107"}], "qualification": [{"code": {"text": "PA-C"}}, {"communication": [{"coding": [{"system": "urn:ietf:bcp:47", "display": "English"}, {"system": "urn:ietf:bcp:47", "display": "Spanish"}]}]}]}
```

c) URL = [https://fhir.trimed.cloud/Practitioner/\\_search](https://fhir.trimed.cloud/Practitioner/_search)

HTTP verb = POST

Content-Type = application/x-www-form-urlencoded

Parameters:

- Practitioner- required

### Sample JSON response:

```
{ "resourceType": "Bundle", "type": "searchset", "link": [{"relation": "self", "url": "https://fhir.trimed.cloud/practitioner?_id=101209765"}], "entry": [{"fullUrl": "https://fhir.trimed.cloud/Practitioner/101209765", "resource": {"resourceType": "Practitioner", "id": "101209765", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Practitioner"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a practitioner example for the *US Core Practitioner Profile*."}], "profile": [{"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-practitioner"}], "text": {"status": "generated", "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003E\u003Cp\u003E\u003Cb\u003E\u003EGenerated Narrative\u003C/b\u003E\u003Cp\u003E\u003Cdiv style=\u0022display: inline-block; background-color: #d9e0e7; padding: 6px; margin: 4px; border: 1px solid #8da1b4; border-radius: 5px; line-height: 60%\u0022\u003E\u003Cp style=\u0022margin-bottom: 0px\u0022\u003EResource \u0022practitioner\u0022 \u003C/p\u003E\u003Cp style=\u0022margin-bottom: 0px\u0022\u003EProfile: \u003Ca href=\u0022StructureDefinition-us-core-practitioner.html\u0022\u003EUS Core Practitioner Profile\u003C/a\u003E\u003Cp\u003E\u003Cdiv\u003E\u003Cp\u003E\u003Cb\u003EIdentifier\u003C/b\u003E: id: 9876543210 , id: 101209765\u003C/p\u003E\u003Cp\u003E\u003Cb\u003EName\u003C/b\u003E: GEORGE WASHINGTON \u003C/p\u003E \u003Cp\u003E\u003Cb\u003Etelecom\u003C/b\u003E: \u003Ca href=\u0022mailto:support@trimedtech.com\u0022\u003E support@trimedtech.com\u003C/a\u003E\u003Cp\u003E\u003Cdiv\u003E"}, {"active": true, "identifier": [{"system": "http://hl7.org/fhir/sid/us-npi", "value": "9876543210"}, {"system": "http://www.acme.org/practitioners", "value": "101209765"}], "name": [{"family": "WASHINGTON", "given": ["GEORGE"], "suffix": ["PA-C"]}], "telecom": [{"extension": [{"url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-direct", "valueBoolean": true}], "system": "email", "value": "support@trimedtech.com", "use": "work"}, {"system": "phone", "value": "9876543210", "use": "work"}, {"system": "fax", "value": "9876543210", "use": "work"}], "address": [{"use": "work", "line": ["4148 Mendenhall Oaks Parkway"], "city": "HIGH POINT", "state": "NC", "postalCode": "27265-8107"}], "qualification": [{"code": {"text": "PA-C"}}, {"communication": [{"coding": [{"system": "urn:ietf:bcp:47", "display": "English"}, {"system": "urn:ietf:bcp:47", "display": "Spanish"}]}]}]}]}
```

## 17.Procedure

a) URL = <https://fhir.trimed.cloud/Procedure?Patient=1234>

HTTP verb = GET

Parameters:



- Patient-required
- identifier
- name
- gender
- birthdate
- date
- \_revinclude

### Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/procedure?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/Procedure/1273085",
      "resource": {
        "resourceType": "Procedure",
        "id": "1273085",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "Procedure"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a procedure example for the *US Core Procedure Profile*."
            }
          ]
        },
        "text": {
          "status": "generated",
          "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003EProcedure\u003C/div\u003E",
          "status": "completed",
          "code": {
            "coding": [
              {
                "system": "http://snomed.info/sct",
                "code": "1160F",
                "display": "REVIEWED CURRENT MEDS"
              }
            ]
          },
          "text": "REVIEWED CURRENT MEDS",
          "subject": {
            "reference": "Patient/1234",
            "display": "LEVITICUS Y. MAY"
          },
          "encounter": {
            "reference": "Encounter/429123",
            "performedDateTime": "2022-07-25",
            "recorder": {
              "reference": "Practitioner/101209736",
              "display": "JEFFESON, THOMAS, PA-C"
            },
            "asserter": {
              "reference": "Practitioner/101209736",
              "display": "JEFFESON, THOMAS, PA-C"
            },
            "performer": [
              {
                "function": {
                  "coding": [
                    {
                      "system": "http://snomed.info/sct",
                      "code": "5905801",
                      "display": "General physician"
                    }
                  ]
                },
                "text": "General Practice",
                "actor": {
                  "reference": "Practitioner/101209736",
                  "display": "JEFFESON, THOMAS, PA-C"
                }
              }
            ],
            "location": {
              "reference": "Location/1",
              "display": "Trimed Pediatrics"
            },
            "reasonCode": [
              {
                "text": "REVIEWED CURRENT MEDS"
              }
            ],
            "reasonReference": [
              {
                "reference": "Procedure/1273085"
              }
            ],
            "note": [
              {
                "time": "2022-07-25T00:51:54-04:00",
                "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons"
              },
              {
                "time": "2022-07-25T11:13:50-04:00",
                "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons"
              }
            ]
          }
        },
        "fullUrl": "https://fhir.trimed.cloud/Procedure/1273086",
        "resource": {
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          "id": "1273086",
          "meta": {
            "extension": [
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                "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
                "valueString": "Procedure"
              },
              {
                "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
                "valueMarkdown": "This is a procedure example for the *US Core Procedure Profile*."
              }
            ]
          },
          "text": {
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            "status": "completed",
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                  "system": "http://snomed.info/sct",
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                  "display": "PREV VISIT NEW AGE 18-39"
                }
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            },
            "text": "PREV VISIT NEW AGE 18-39",
            "subject": {
              "reference": "Patient/1234",
              "display": "LEVITICUS Y. MAY"
            },
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              "performedDateTime": "2022-07-25",
              "recorder": {
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                "display": "JEFFESON, THOMAS, PA-C"
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              "asserter": {
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                "display": "JEFFESON, THOMAS, PA-C"
              },
              "performer": [
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                  "function": {
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                        "system": "http://snomed.info/sct",
                        "code": "5905801",
                        "display": "General physician"
                      }
                    ]
                  },
                  "text": "General Practice",
                  "actor": {
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                }
              ],
              "location": {
                "reference": "Location/1",
                "display": "Trimed Pediatrics"
              },
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                {
                  "text": "PREV VISIT NEW AGE 18-39"
                }
              ],
              "reasonReference": [
                {
                  "reference": "Procedure/1273086"
                }
              ],
              "note": [
                {
                  "time": "2022-07-25T00:51:54-04:00",
                  "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons"
                }
              ]
            }
          }
        }
      }
    }
  ]
}
```

```
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```

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wn": "This is a procedure example for the *US Core Procedure
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wn": "This is a procedure example for the *US Core Procedure
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"}], {"fullUrl": "https://fhir.trimed.cloud/Procedure/1273061", "resource": {"resourceType": "P
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Procedure Profile*."}]}], "text": {"status": "generated", "div": "\u003Cdiv
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PA-C"}}, {"location": {"reference": "Location/1", "display": "Trimed
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51:54-04:00", "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons "}]}}]}

```

b) URL = <https://fhir.trimed.cloud/Procedure/1273085>

HTTP verb = GET

Parameters:

- **\_search**- required -Unique ID from Previous method
- **Patient**
- **identifier**
- **name**
- **gender**
- **birthdate**
- **date**

Sample JSON response:

```

{"resourceType": "Procedure", "id": "1273085", "meta": {"extension": [{"url": "http://hl7.org/fhir/
StructureDefinition/instance-name", "valueString": "Procedure"}, {"url": "http://hl7.org/fhir/St
ructureDefinition/instance-description", "valueMarkdown": "This is a procedure example for the
*US Core Procedure Profile*."}]}, "text": {"status": "generated", "div": "\u003Cdiv
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MEDS"}, "subject": {"reference": "Patient/1234"}, "encounter": {"reference": "Encounter/429123"}, "
performedDateTime": "2022-07-25", "recorder": {"reference": "Practitioner/101209736", "display": "
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PA-C"}, "asserter": {"reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS,
PA-C"}, "performer": [{"function": {"coding": [{"system": "http://snomed.info/sct", "code": "590580
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PA-C"}}, {"location": {"reference": "Location/1", "display": "Trimed
Pediatrics"}, "reasonCode": [{"text": "REVIEWED CURRENT
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:51:54-04:00", "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons
"}, {"time": "2022-07-25T11:13:50-04:00", "text": "Menactra#1 Not Given on 07/25/2022 --
Religious Reasons "}]}}

```

c) URL = [https://fhir.trimed.cloud/Procedure/\\_search](https://fhir.trimed.cloud/Procedure/_search)

HTTP verb = POST



Content-Type = application/x-www-form-urlencoded

Parameters:

- Patient- required

Sample JSON response:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://fhir.trimed.cloud/procedure?patient=1234"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhir.trimed.cloud/Procedure/1273085",
      "resource": {
        "resourceType": "Procedure",
        "id": "1273085",
        "meta": {
          "extension": [
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
              "valueString": "Procedure"
            },
            {
              "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
              "valueMarkdown": "This is a procedure example for the *US Core Procedure Profile*."
            }
          ]
        },
        "text": {
          "status": "generated",
          "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003EProcedure\u003C/div\u003E",
          "status": "completed",
          "code": {
            "coding": [
              {
                "system": "http://snomed.info/sct",
                "code": "1160F",
                "display": "REVIEWED CURRENT MEDS"
              }
            ]
          },
          "text": "REVIEWED CURRENT MEDS",
          "subject": {
            "reference": "Patient/1234",
            "display": "LEVITICUS Y. MAY"
          },
          "encounter": {
            "reference": "Encounter/429123",
            "performedDateTime": "2022-07-25",
            "recorder": {
              "reference": "Practitioner/101209736",
              "display": "JEFFESON, THOMAS, PA-C"
            },
            "asserter": {
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              "display": "JEFFESON, THOMAS, PA-C"
            },
            "performer": [
              {
                "function": {
                  "coding": [
                    {
                      "system": "http://snomed.info/sct",
                      "code": "59058001",
                      "display": "General physician"
                    }
                  ]
                },
                "text": "General Practice",
                "actor": {
                  "reference": "Practitioner/101209736",
                  "display": "JEFFESON, THOMAS, PA-C"
                }
              }
            ],
            "location": {
              "reference": "Location/1",
              "display": "Trimed Pediatrics"
            },
            "reasonCode": [
              {
                "text": "REVIEWED CURRENT MEDS"
              }
            ],
            "reasonReference": [
              {
                "reference": "Procedure/1273085"
              }
            ],
            "note": [
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                "time": "2022-07-25T00:51:54-04:00",
                "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons"
              },
              {
                "time": "2022-07-25T11:13:50-04:00",
                "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons"
              }
            ]
          }
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        "fullUrl": "https://fhir.trimed.cloud/Procedure/1273086",
        "resource": {
          "resourceType": "Procedure",
          "id": "1273086",
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                "url": "http://hl7.org/fhir/StructureDefinition/instance-name",
                "valueString": "Procedure"
              },
              {
                "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
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          },
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                  "display": "PREV VISIT NEW AGE 18-39"
                }
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            "subject": {
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              "display": "LEVITICUS Y. MAY"
            },
            "encounter": {
              "reference": "Encounter/429123",
              "performedDateTime": "2022-07-25",
              "recorder": {
                "reference": "Practitioner/101209736",
                "display": "JEFFESON, THOMAS, PA-C"
              },
              "asserter": {
                "reference": "Practitioner/101209736",
                "display": "JEFFESON, THOMAS, PA-C"
              },
              "performer": [
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                        "system": "http://snomed.info/sct",
                        "code": "59058001",
                        "display": "General physician"
                      }
                    ]
                  },
                  "text": "General Practice",
                  "actor": {
                    "reference": "Practitioner/101209736",
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                "reference": "Location/1",
                "display": "Trimed Pediatrics"
              },
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              "reasonReference": [
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                }
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                },
                {
                  "time": "2022-07-25T11:13:50-04:00",
                  "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons"
                }
              ]
            }
          }
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                "valueString": "Procedure"
              },
              {
                "url": "http://hl7.org/fhir/StructureDefinition/instance-description",
                "valueMarkdown": "This is a procedure example for the *US Core Procedure Profile*."
              }
            ]
          },
          "text": {
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            "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003EProcedure\u003C/div\u003E",
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            "code": {
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                  "system": "http://snomed.info/sct",
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                }
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            "subject": {
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              "display": "LEVITICUS Y. MAY"
            },
            "encounter": {
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              "performer": [
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                  "function": {
                    "coding": [
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                        "code": "59058001",
                        "display": "General physician"
                      }
                    ]
                  },
                  "text": "General Practice",
                  "actor": {
                    "reference": "Practitioner/101209736",
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                }
              ],
              "location": {
                "reference": "Location/1",
                "display": "Trimed Pediatrics"
              },
              "reasonCode": [
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                }
              ],
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                }
              ],
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                },
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                  "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons"
                }
              ]
            }
          }
        }
      }
    }
  ]
}
```



```
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```

```
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MAY"}, "encounter": {"reference": "Encounter/53277"}, "performedDateTime": "2018-12-28", "recorder  
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PA-C"}, "performer": [{"function": {"coding": [{"system": "http://snomed.info/sct", "code": "175610  
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PA-C"}]}, "location": {"reference": "Location/1", "display": "Trimed  
Pediatrics"}, "reasonCode": [{"text": "REVIEWED CURRENT  
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wn": "This is a procedure example for the *US Core Procedure  
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```

```
MD"}}, {"location": {"reference": "Location/1", "display": "Trimed Pediatrics"}, {"reasonCode": [{"coding": [{"system": "http://snomed.info/sct", "code": "274180001", "display": "Superficial injury of face"}], "text": "Superficial injury of face"}], {"reasonReference": [{"reference": "Procedure/1271953"}]}, {"fullUrl": "https://fhir.trimed.cloud/Procedure/1271951", "resource": {"resourceType": "Procedure", "id": "1271951", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Procedure"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a procedure example for the *US Core Procedure Profile*."}], "text": {"status": "generated", "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003EProcedure\u003C/div\u003E"}, "status": "completed", "category": {"text": "OFFICE VISIT SICK"}, "code": {"coding": [{"system": "http://snomed.info/sct", "code": "99203", "display": "OFFICE VISIT-NEW PAT LEVEL 3"}], "text": "OFFICE VISIT-NEW PAT LEVEL 3"}, "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "performedDateTime": "2018-12-28", "recorder": {"reference": "Practitioner/101209660", "display": "WASHINGTON, MARTHA, MD"}, "asserter": {"reference": "Practitioner/101209660", "display": "WASHINGTON, MARTHA, MD"}, "performer": [{"function": {"text": "Pediatric Medicine"}], "actor": {"reference": "Practitioner/101209660", "display": "WASHINGTON, MARTHA, MD"}}, {"location": {"reference": "Location/1", "display": "Trimed Pediatrics"}, {"reasonCode": [{"coding": [{"system": "http://snomed.info/sct", "code": "274180001", "display": "Superficial injury of face"}], "text": "Superficial injury of face"}], {"reasonReference": [{"reference": "Procedure/1271951"}]}, {"fullUrl": "https://fhir.trimed.cloud/Procedure/1273062", "resource": {"resourceType": "Procedure", "id": "1273062", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Procedure"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a procedure example for the *US Core Procedure Profile*."}], "text": {"status": "generated", "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003EProcedure\u003C/div\u003E"}, "status": "completed", "code": {"coding": [{"system": "http://snomed.info/sct", "code": "1160F", "display": "REVIEWED CURRENT MEDS"}], "text": "REVIEWED CURRENT MEDS"}, "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "performedDateTime": "2004-07-25", "recorder": {"reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS, PA-C"}, "asserter": {"reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS, PA-C"}, "performer": [{"function": {"coding": [{"system": "http://snomed.info/sct", "code": "59058001", "display": "General physician"}], "text": "General Practice"}], "actor": {"reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS, PA-C"}}, {"location": {"reference": "Location/1", "display": "Trimed Pediatrics"}, {"reasonCode": [{"text": "REVIEWED CURRENT MEDS"}], {"reasonReference": [{"reference": "Procedure/1273062"}], "note": [{"time": "2022-07-25T00:51:54-04:00", "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons"}]}, {"fullUrl": "https://fhir.trimed.cloud/Procedure/1273061", "resource": {"resourceType": "Procedure", "id": "1273061", "meta": {"extension": [{"url": "http://hl7.org/fhir/StructureDefinition/instance-name", "valueString": "Procedure"}, {"url": "http://hl7.org/fhir/StructureDefinition/instance-description", "valueMarkdown": "This is a procedure example for the *US Core Procedure Profile*."}], "text": {"status": "generated", "div": "\u003Cdiv xmlns=\u0022http://www.w3.org/1999/xhtml\u0022\u003EProcedure\u003C/div\u003E"}, "status": "completed", "code": {"coding": [{"system": "http://snomed.info/sct", "code": "99381", "display": "PREV MED-NEW PAT AGE 0-1"}], "text": "PREV MED-NEW PAT AGE 0-1"}, "subject": {"reference": "Patient/1234", "display": "LEVITICUS Y. MAY"}, "performedDateTime": "2004-07-25", "recorder": {"reference": "Practitioner/101209736", "dis
```

```

play": "JEFFESON, THOMAS,
PA-C"}, "asserter": {"reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS,
PA-C"}, "performer": [{"function": {"coding": [{"system": "http://snomed.info/sct", "code": "590580
01", "display": "General physician"}], "text": "General
Practice"}, "actor": {"reference": "Practitioner/101209736", "display": "JEFFESON, THOMAS,
PA-C"}}, {"location": {"reference": "Location/1", "display": "Trimed
Pediatrics"}, "reasonCode": [{"text": "PREV MED-NEW PAT AGE
0-1"}], "reasonReference": [{"reference": "Procedure/1273061"}], "note": [{"time": "2022-07-25T00:
51:54-04:00", "text": "Menactra#1 Not Given on 07/25/2022 -- Religious Reasons "}}}]}

```

## 18. Provenance

a) URL = <https://fhir.trimed.cloud/Provenance/test>

HTTP verb = GET

Parameters:

- **\_search** - required

**Sample JSON response:**

```

{"resourceType": "Provenance", "id": "test", "target": [{"reference": "Provenance/test"}], "recorde
d": "2022-08-05T00:00:00Z", "agent": [{"type": {"coding": [{"system": "http://terminology.hl7.org/
CodeSystem/provenance-participant-type", "code": "performer", "display": "Performer"}]}, "who": {"
reference": "Practitioner/101209660"}, "onBehalfOf": {"reference": "Organization/1"}}, {"type": {"
coding": [{"system": "http://terminology.hl7.org/CodeSystem/provenance-participant-type", "code
": "author", "display": "Author"}]}, "who": {"reference": "Practitioner/101209660"}}, {"type": {"cod
ing": [{"system": "http://hl7.org/fhir/us/core/CodeSystem/us-core-provenance-participant-type"
, "code": "transmitter", "display": "Transmitter"}]}, "who": {"reference": "Practitioner/101209660"
}}]}

```

## 19. Group

a) URL = <https://fhir.trimed.cloud/Group/test/test>

HTTP verb = GET

Parameters:

- **\_search** - required
- **export** -required

**Sample JSON response:**

```

{"resourceType": "Group", "transactionTime": "2022-08-05T00:00:00Z", "request": "https://fhir.tri
med.cloud/Groupss/1021966/$export", "requiresAccessToken": false, "output": [{"type": "Patient", "
url": "https://fhir.trimed.cloud/File/1.Patient.ndjson"}, {"type": "AllergyIntolerance", "url": "
https://fhir.trimed.cloud/File/1.AllergyIntolerance.ndjson"}, {"type": "CarePlan", "url": "https
://fhir.trimed.cloud/File/1.CarePlan.ndjson"}, {"type": "CareTeam", "url": "https://fhir.trimed.
cloud/File/1.CareTeam.ndjson"}, {"type": "Condition", "url": "https://fhir.trimed.cloud/File/1.C
ondition.ndjson"}, {"type": "Device", "url": "https://fhir.trimed.cloud/File/1.Device.ndjson"}, {
"type": "DiagnosticReport", "url": "https://fhir.trimed.cloud/File/1.DiagnosticReport.ndjson"},
{"type": "DocumentReference", "url": "https://fhir.trimed.cloud/File/1.DocumentReference.ndjson
"}, {"type": "Goal", "url": "https://fhir.trimed.cloud/File/1.Goal.ndjson"}, {"type": "Immunizatio

```

```
n", "url": "https://fhir.trimed.cloud/File/1.Immunization.ndjson"}, {"type": "MedicationRequest", "url": "https://fhir.trimed.cloud/File/1.MedicationRequest.ndjson"}, {"type": "Observation", "url": "https://fhir.trimed.cloud/File/1.Observation.ndjson"}, {"type": "Procedure", "url": "https://fhir.trimed.cloud/File/1.Procedure.ndjson"}, {"type": "Practitioner", "url": "https://fhir.trimed.cloud/File/1.Practitioner.ndjson"}, {"type": "Encounter", "url": "https://fhir.trimed.cloud/File/1.Encounter.ndjson"}, {"type": "Provenance", "url": "https://fhir.trimed.cloud/File/1.Provenance.ndjson"}, {"type": "Organization", "url": "https://fhir.trimed.cloud/File/1.Organization.ndjson"}], "deleted": [{"type": "Bundle", "url": "https://example.com/output/del_file_1.ndjson"}], "error": null, "extension": null}
```

b) URL = <https://fhir.trimed.cloud/Groups/test/test>

HTTP verb = GET

Parameters:

- **\_search-** required
- **export** -required

**Sample JSON response:**

```
{
  "resourceType": "Group",
  "transactionTime": "2022-08-05T00:00:00Z",
  "request": "https://fhir.trimed.cloud/Groupss/1021966/$export",
  "requiresAccessToken": false,
  "output": [
    {
      "type": "Patient",
      "url": "https://fhir.trimed.cloud/File/1.Patient.ndjson"
    },
    {
      "type": "AllergyIntolerance",
      "url": "https://fhir.trimed.cloud/File/1.AllergyIntolerance.ndjson"
    },
    {
      "type": "CarePlan",
      "url": "https://fhir.trimed.cloud/File/1.CarePlan.ndjson"
    },
    {
      "type": "CareTeam",
      "url": "https://fhir.trimed.cloud/File/1.CareTeam.ndjson"
    },
    {
      "type": "Condition",
      "url": "https://fhir.trimed.cloud/File/1.Condition.ndjson"
    },
    {
      "type": "Device",
      "url": "https://fhir.trimed.cloud/File/1.Device.ndjson"
    },
    {
      "type": "DiagnosticReport",
      "url": "https://fhir.trimed.cloud/File/1.DiagnosticReport.ndjson"
    }
  ]
}
```

```
},
{
  "type": "DocumentReference",
  "url": "https://fhir.trimed.cloud/File/1.DocumentReference.ndjson"
},
{
  "type": "Goal",
  "url": "https://fhir.trimed.cloud/File/1.Goal.ndjson"
},
{
  "type": "Immunization",
  "url": "https://fhir.trimed.cloud/File/1.Immunization.ndjson"
},
{
  "type": "MedicationRequest",
  "url": "https://fhir.trimed.cloud/File/1.MedicationRequest.ndjson"
},
{
  "type": "Observation",
  "url": "https://fhir.trimed.cloud/File/1.Observation.ndjson"
},
{
  "type": "Procedure",
  "url": "https://fhir.trimed.cloud/File/1.Procedure.ndjson"
},
{
  "type": "Practitioner",
  "url": "https://fhir.trimed.cloud/File/1.Practitioner.ndjson"
},
{
  "type": "Encounter",
  "url": "https://fhir.trimed.cloud/File/1.Encounter.ndjson"
},
{
  "type": "Provenance",
  "url": "https://fhir.trimed.cloud/File/1.Provenance.ndjson"
},
{
  "type": "Organization",
  "url": "https://fhir.trimed.cloud/File/1.Organization.ndjson"
}
],
"deleted": [
  {
    "type": "Bundle",
    "url": "https://example.com/output/del_file_1.ndjson"
  }
],
"error": null,
"extension": null
}
```