

## 170.315(g)(10) Application Access – Patient Selection



Certification Criterion:

**Product Name: RADYSANS EHR**

**Version: 5.0**

**Build No: 5.0.1**

### **Application Access – Patient Selection**

Please follow the below technical documentation to send an API request.

#### **SOFTWARE REQUIREMENTS:**

- **POPULAR BROWSERS – CHROME, IE, FIREFOX, SAFARI.**



- API RESPONSE CAN BE REQUESTED USING **ADVANCED REST CLIENT** OR **POST MAN** ALSO.

The **software API** respond to request from another software component/service only after proper validation of credentials. The partner software can send an API request for the patient details with enough information about a patient to identify that patient. The software API then returns full set of data for each data category (*refer function names*) for the unique patient identified by the ID or token (*patient **master sequence number** or **pms** for short*).

The software will return zero in the API response for, either the API request consists of multiple patient parameters or the requested records are empty.

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**Note:** For authorization, you must use the access token value.API URL:

<https://ehrwebapi.cutecharts.com/radywebapi/connect/authorize?>

### Input:

- response\_type = code
- client\_id = {CLIENT\_ID}
- redirect\_url = <https://ehrwebapi.cutecharts.com/radyweb/signin-oidc>
- scope =  
launch+openid+fhirUser+offline\_access+user/Medication.read+user/AllergyIntolerance.read+user/CarePlan.read+user/CareTeam.read+user/Condition.read+user/Device.read+user/DiagnosticReport.read+user/DocumentReference.read+user/Encounter.read+user/Goal.read+user/Immunization.read+user/Location.read+user/MedicationRequest.read+user/Observation.read+user/Organization.read+user/Patient.read+user/Practitioner.read+user/Procedure.read+user/Provenance.read+user/PractitionerRole.read
- state = 3328a3ef-3274-4228-b01a-5eb580d40e0c
- code\_challenge = temLNM2Wndf2pXB8rKlpjvl\_vrdw3rpe0YBWldDi6y4
- code\_challenge\_method = S256

### Output:

- code =  
"6CCE52A52CE2126238DBFF016B7AE0ABC937264AFBF5E9A9DC32CA20AD832699"
- statue = af0ifjsldkj

**Input:**

- Output:** {

"eyJhbGciOiJSUzI1NiIsImtpZCI6IjxzMEI2NjBDMTFFQTRBNDRBNDQwMUQ1MTZDRTZDNTE4QUYwODZCQ0Y1ODFSUzI1NiIsInR5cCI6IkpXVCIsIngldCI6Imt3dG1EQkxU2tRQjFSYk9iRkdLOElhODlZRSJ9.eyJyYmYiOiE2Njk3MTU5NTUsImV4cCI6MTY2OTcxNjI1NSwiaXNZIjoiaHR0cHM6Ly9yYWRS5YXV0aC5taW5kZ2VuaXgubmV0IiwiaXYXVkIjoicmFkeVdlYiIsImhlhdCI6MTY2OTcxNTk1NSwiYXRfaGFzaCI6InBjQ0VoM1F6aGh6bkhLb1VWWVhQWGciLCJzX2hhc2giOiJlanJCdzNsQXNXWX2stOHpmRllSc3p3Iiwic2lkIjoibjEEREMyQ0RCQUZGQTk1NUI0MzZENDBBNuQ4MDkwNjJiLCJzdWIiOiI1NCIsImF1dGhfdGlzSI6MTY2OTcxNTk1MCwiaWRwIjoibG9jYWwiLCJmaGlyVXNlcil6Imh0dHBzOi8vZWWhyLmN1dGVvaGFydHMuY29tL3JhZHlzYW5zLXdlYmFwaS9QYXRpZW50LzU0IiwiaXYW1yIjpjb2lnB3ZCJdfQ.kkwmYd2pog2aZ6mqTpD8-NiWmSLr5Xux-h9VJ-Yxiwwlv\_GbPavqEhRYto-qCeLGYG2H\_IeCPaT6ZsrOIDrZRdv5zuRq7BnR2oPRSZRA4OCdSt2Nd7VrDHfT1Ib9wRQSXSzPXlbviB2fOILvRPks2U3CY6MotuTLQeUEMZpnTAfjYxy60nuBDL4uG1I5bz4fMrPV7zsrn3YLSRDbcK-R6UZ2GfhZhIJGGb2MW0vzkYNP1Zb9XvLmZOjn296704bGtmDUAleI1V01C3H36MjZ7hEmwfxAwuDceSm9OQ0wkFgGSem87ttP1-ZMkPbnz1PbAG3HfnEuote41nJHHDDg"

eyJhbGciOiJSUzI1NiIsImtpZCI6IjgzMEI2NjBDMTFFQTRBNDBWwMUQ1MTZDRDRTZDNTE4QUYwODZCQ0Y1ODFSUzI1NiIsInR5cCI6ImF0K2p3dCI6IngldCI6Imt3dG1EQkhxU2tRQjFSYk9iRkdLOElhODlZRSJ9.eyJuYmYiOjE2Njk3MTU5NTUsImV4cCI6MTY2OTcxOTU1NSwiaXNZIjoiaHR0cHML6Ly9yYWVR5YXV0aC5taW5kZ2VuaXgubmV0IiwiaXYXVkIjoicmFkeUFwaSIsImNsaWVudF9pZCI6ImJhZHIXZWliLCJzdWIiOiI1NCIsImF1dGhfZGltdZSI6MTY2OTcxNTk1MCwiaWRwIjoibG9jYWwiLCAJmaGlyVXNlcil6Imh0dHBzOi8vZWWhyLmN1dGVjaGFydHMuY29tL3JhZHlzYW5zLXdlYmFwaS9QYXRpZW50LzU0IiwianRpIjoibG9jZFRUJFN0ExN0VCRjJEODU1MDBBNUIzMjVDNzkzNkYiLCJzaWQiOiI2N0REQzJDREJBBrkZBOTU1QjQzNkQ0MEE1RDgwOTA2MiIsImhlhCI6MTY2OTcxNTk1NSwic2NvcGUiOiIsib3BlbmklIiwiaXNpdCI6VzZXIiLCJsYXVuY2giLCJsYXVuY2gcGF0aWVudCI6ImBhdGllbnQvUGF0aWVudC5yZWfkIiwicGF0aWVudC9NZWRpY2F0aW9uLnJlYWQpLCJwYXRpZW50L0FsbGVyZ3ljbnRvbGVyYW5jZS5yZWfkIiwicGF0aWVudC9DYXJlUGxhbi5yZWfkIiwicGF0aWVudC9DYXJlVG9yb3VyZWfkIiwicGF0aWVudC9Db25kaXRpb24ucmVhZCI6ImBhdGllbnQvRG9jdWl1bnRSZWZlcmVuY2UucmVhZCI6ImBhdGllbnQvRW5jb3VudGVyLnJlYWQpLCJwYXRpZW50L0dvYWwucmVhZCI6ImBhdGllbnQvSW1tdW5pemF0aW9uLnJlYWQpLCJwYXRpZW50L0xvY2F0aW9uLnJlYWQpLCJwYXRpZW50L0l1ZGljYXRpb25SZXF1ZXN0LnJlYWQpLCJwYXRpZW



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50L09ic2VydmF0aW9uLnJlYWQlLCJwYXRpZW50L09yZ2FuaXphdGlvbi5yZWfkIiwicGF0aWVudC9QcmFjdGl0aW9uZXIucmVhZCIIsInBhdGllbnQvUHJvY2VkdXJlLnJlYWQlLCJwYXRpZW50L1Bib3ZlbnFuY2UucmVhZCIIsInBhdGllbnQvUHJhY3RpdGlubmVyUm9sZS5yZWfkIiwib2ZmbGluZV9hY2Nlc3MiXSwiYW1yIjpbInB3ZCJdfQ.elovL0b6zwrUi9VHooF8CcSI4ZQQ91JugEjE7QG90L3Jq qarkXRyOV0PpEXK9KH6SmsiffbZ9aKfml9hbPFD0S7TWxn3CjGB2oWbDriXa9pE7SC3Il1mqrNz w3MSSOEbuG5orFpUXEubI4SPLLeJgaJ6-

H4RTNWhCE\_xx2n40AHpnU5weU2m\_neglXJgJ499wpOxe8MNBfpx9N1hditNlINmGoLivz8rL\_Y A4BobclGZNEKZzL\_TUi5RHVhmzs5ZBN5bFzO83YOurVIO-N6th9xhGSy-oI9Yc\_utsOjZNMdaZjGotGfpXgqLCHQsQBt4x0sH47hFxKq\_SKFTRnCCZQ"

expires\_in: 3600

token\_type: "Bearer"

refresh\_token:"DAED5A4B5C61DD3CEF1E3187E5AFC1D24E03943F9FF4A07B22E54091DA491D3D"

scope: "openid fhirUser offline\_access launch launch/patient patient/Patient.read

patient/Medication.read patient/AllergyIntolerance.read patient/CarePlan.read patient/CareTeam.read

patient/Condition.read patient/Device.read patient/DiagnosticReport.read

patient/DocumentReference.read patient/Encounter.read patient/Goal.read patient/Immunization.read

patient/Location.read patient/MedicationRequest.read patient/Observation.read

patient/Organization.read patient/Practitioner.read patient/Procedure.read patient/Provenance.read

patient/PractitionerRole.read"

patient: "54"

need\_patient\_banner: "false"

smart\_type\_url: "<https://ehrwebapi.cutecharts.com/radyweb/smart-style-url>"}

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### Function Names/ API Calls available:

Functions	URL	Parameter Inputs
Allergy Intolerance	<a href="https://ehrwebapi.cutecharts.com/radywebapi/AllergyIntolerance">https://ehrwebapi.cutecharts.com/radywebapi/AllergyIntolerance</a>	Clinical-Status, Patient
Care Plan	<a href="https://ehrwebapi.cutecharts.com/radywebapi/CarePlan">https://ehrwebapi.cutecharts.com/radywebapi/CarePlan</a>	Category, Date, Patient, Status
Care Team	<a href="https://ehrwebapi.cutecharts.com/radywebapi/CareTeam">https://ehrwebapi.cutecharts.com/radywebapi/CareTeam</a>	Patient, Status
Condition	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Condition">https://ehrwebapi.cutecharts.com/radywebapi/Condition</a>	Category, Clinical-Status, Patient, Onset-Date
Device	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Device">https://ehrwebapi.cutecharts.com/radywebapi/Device</a>	Patient, Type
Diagnostic Report	<a href="https://ehrwebapi.cutecharts.com/radywebapi/DiagnosticReport">https://ehrwebapi.cutecharts.com/radywebapi/DiagnosticReport</a>	Status, Patient Category, Code, Date
Document Reference	<a href="https://ehrwebapi.cutecharts.com/radywebapi/DocumentReference">https://ehrwebapi.cutecharts.com/radywebapi/DocumentReference</a>	_id, Status, Patient, Category, Type, Date, Period
Encounter	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Encounter">https://ehrwebapi.cutecharts.com/radywebapi/Encounter</a>	_id, Class, Date, Identifier, Patient, Status, type
Goal	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Goal">https://ehrwebapi.cutecharts.com/radywebapi/Goal</a>	Lifecycle-status, Patient, Target-date
Immunization	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Immunization">https://ehrwebapi.cutecharts.com/radywebapi/Immunization</a>	Patient, Status, Date
Medication Request	<a href="https://ehrwebapi.cutecharts.com/radywebapi/MedicationRequest">https://ehrwebapi.cutecharts.com/radywebapi/MedicationRequest</a>	Status, Intent, Patient, Encounter, Authoredon
Observation	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Observation">https://ehrwebapi.cutecharts.com/radywebapi/Observation</a>	Status, Category, Code, Date, Patient
Organization	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Organization">https://ehrwebapi.cutecharts.com/radywebapi/Organization</a>	Name, Address
Patient	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Patient">https://ehrwebapi.cutecharts.com/radywebapi/Patient</a>	_id, Birthdate, Family, Gender, Given, Identifier, Name
Practitioner	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Practitioner">https://ehrwebapi.cutecharts.com/radywebapi/Practitioner</a>	Name, Identifier



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Practitioner Role	<a href="https://ehrwebapi.cutecharts.com/radywebapi/PractitionerRole">https://ehrwebapi.cutecharts.com/radywebapi/PractitionerRole</a>	Specialty, Practitioner
Procedure	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Procedure">https://ehrwebapi.cutecharts.com/radywebapi/Procedure</a>	Status, Patient, Date, Code
Provenance	<a href="https://ehrwebapi.cutecharts.com/radywebapi/Provenance">https://ehrwebapi.cutecharts.com/radywebapi/Provenance</a>	Patient, Id

## **1.1 AllergyIntolerance**

**URL:** <https://ehrwebapi.cutecharts.com/radywebapi/AllergyIntolerance?Patient=1>

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

### **Parameter Input:**

- Clinical-Status
- Patient

### **Sample Output:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "total": 2,
  "entry": [
    {
      "fullUrl": "https://radyauth.mindgenix.net/AllergyIntolerance/2",
      "resource": {
        "resourceType": "AllergyIntolerance",
        "id": "2",
        "text": {
          "status": "generated",
          "div": "<div xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative with Details of Allergy Intolerance</b></p></div>"
        },
        "identifier": [
          {
            "use": "usual",
            "type": {
              "coding": [
                {
                  "system": "http://terminology.hl7.org/CodeSystem/v2-0203",
                  "code": "MR",
                  "display": "Medical record number"
                }
              ]
            },
            "text": "Medical record number",
            "value": "54-NEWAL000"
          }
        ],
        "clinicalStatus": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-clinical",
              "code": "active"
            }
          ],
          "text": "ACTIVE"
        },
        "verificationStatus": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-verification",
              "code": "confirmed"
            }
          ],
          "text": "Confirmed"
        },
        "type": "allergy",
        "criticality": "low",
        "code": {
          "coding": [
            {
              "system": "http://www.nlm.nih.gov/research/umls/rxnorm",
              "code": "733"
            }
          ],
          "text": "Ampicillin"
        },
        "patient": {
          "reference": "Patient/54",
          "onsetDateTime": "2017-11-14",
          "reaction": [
            {
              "manifestation": [
                {
                  "coding": [
                    {
                      "system": "http://snomed.info/sct",
                      "code": "247472004",
                      "display": "Hives"
                    }
                  ],
                  "onset": "2017-11-14",
                  "severity": "moderate"
                }
              ]
            }
          ],
          "fullUrl": "https://radyauth.mindgenix.net/AllergyIntolerance/3",
          "resource": {
            "resourceType": "AllergyIntolerance",
            "id": "3",
            "text": {
              "status": "generated",
              "div": "<div xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative with Details of Allergy Intolerance</b></p></div>"
            },
            "identifier": [
              {
                "use": "usual",
                "type": {
                  "coding": [
                    {
                      "system": "http://terminology.hl7.org/CodeSystem/v2-"

```

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```
0203", "code": "MR", "display": "Medical record number"}], "text": "Medical
record number"}, {"value": "54-NEWAL000"}], "clinicalStatus": {"coding":
[{"system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-
clinical", "code": "active"}], "text": "ACTIVE"}, "verificationStatus":
{"coding": [{"system": "http://terminology.hl7.org/CodeSystem/
allergyintolerance-
verification", "code": "confirmed"}], "text": "Confirmed"}, "type": "allerg
y", "criticality": "low", "code": {"coding": [{"system": "http://
www.nlm.nih.gov/research/umls/
rxnorm", "code": "7982"}], "text": "Penicillin G benzathine"}, "patient":
{"reference": "Patient/54"}, "onsetDateTime": "2017-11-14", "reaction":
[{"manifestation": [{"coding": [{"system": "http://snomed.info/
sct", "code": "247472004", "display": "Hives"}]}, {"onset": "2017-11-
14", "severity": "moderate"}]}]]}]}
```





## 1.2 CarePlan

URL: <https://ehrwebapi.cutecharts.com/radywebapi/CarePlan?Patient=1>

### **Parameter Input:**

- Category
- Date
- Patient
- Status

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

### **Sample Output:**

```
{"resourceType": "CarePlan", "id": "1", "text":  
{"status": "generated", "div": "<div  
xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with  
Details : Care Plan </b></p></div>"}, "identifier":  
[{"value": "1"}], "basedOn": [{"reference": "1", "display": "Management of  
Type 2 Diabetes"}], "replaces": [{"reference": "1", "display": "Plan from  
urgent care clinic"}], "partOf": [{"reference": "1", "display": "Overall  
wellness  
plan"}], "status": "active", "intent": "plan", "description": "Manage  
obesity and weight  
loss", "subject": {"reference": "Patient/54"}, "encounter":  
{"reference": "Encounter/home"}, "period": {"start": "2015-06-  
22", "end": "2015-06-22"}, "created": "2015-06-22", "careTeam":  
[{"reference": "CareTeam/example"}], "addresses":  
[{"reference": "NEWAL000", "display": "obesity"}], "goal":  
[{"reference": "Goal/example"}]}
```

### 1.3 CareTeam

URL: <https://ehrwebapi.cutecharts.com/radywebapi/CareTeam?Patient=1>

**Parameter Input:**

- Patient
- Status

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

**Sample Output:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "total": 1,
  "entry": [
    {
      "fullUrl": "https://radyauth.mindgenix.net/CareTeam/5",
      "resource": {
        "resourceType": "CareTeam",
        "id": "5",
        "text": {
          "status": "generated",
          "div": "<div
xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative with
Details : Care Team</b></p></div>"
        },
        "identifier": [
          {
            "value": "5",
            "status": "active",
            "category": [
              {
                "coding": [
                  {
                    "system": "http://loinc.org",
                    "code": "LA27976-2",
                    "text": "Encounter-
focused care team"
                  }
                ],
                "name": "NEWMAN, ALICE Care Plan for Outpatient
Encounter",
                "subject": {
                  "reference": "Patient/54",
                  "display": "NEWMAN,
ALICE"
                },
                "encounter": {
                  "reference": "Encounter/5",
                  "period": {
                    "end": "2015-06-22"
                  },
                  "participant": [
                    {
                      "role": [
                        {
                          "coding": [
                            {
                              "system": "http://terminology.hl7.org/CodeSystem/diagnosis-
role",
                              "code": "54",
                              "display": "responsiblePerson"
                            }
                          ],
                          "text": "responsible
Person"
                        },
                        {
                          "reference": "Patient/54",
                          "display": "NEWMAN,
ALICE"
                        }
                      ],
                      "role": [
                        {
                          "coding": [
                            {
                              "system": "http://terminology.hl7.org/
CodeSystem/diagnosis-
role",
                              "code": "4",
                              "display": "adviser"
                            }
                          ],
                          "text": "adviser"
                        },
                        {
                          "reference": "Practitioner/4",
                          "display": "DR Davis Albert and
Assistant Davis
Tracy"
                        }
                      ],
                      "onBehalfOf": {
                        "reference": "Organization/89",
                        "display": "MU3-
RADYSANS MU STAGE THREE PRACTICE"
                      },
                      "period": {
                        "end": "2015-06-
22"
                      }
                    }
                  ],
                  "managingOrganization": [
                    {
                      "reference": "Organization/
89",
                      "display": "MU3-RADYSANS MU STAGE THREE PRACTICE"
                    }
                  ]
                }
              }
            ]
          }
        ]
      }
    }
  ]
}
```

### 1.4 Condition:

URL: <https://ehrwebapi.cutecharts.com/radywebapi/Condition?Patient=1>

#### **Parameter Input:**

- Category
- Clinical-Status
- Patient
- Onset-Date

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

#### **Sample Output:**

```
{"resourceType": "Bundle", "type": "searchset", "total": 5, "entry":
[{"fullUrl": "https://radyauth.mindgenix.net/Condition/15", "resource":
{"resourceType": "Condition", "id": "15", "meta":
{"versionId": "15", "lastUpdated": "2022-11-
16T10:42:03.4878586+05:30", "source": "54NEWAL0004533", "profile":
["http://hl7.org/fhir/us/core/StructureDefinition/us-core-
condition"]}, "text": {"status": "generated", "div": "<div
xmlns='\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with
Details : Condition</b></p></div>"}, "identifier":
[{"value": "15"}], "clinicalStatus": {"coding": [{"system": "http://
terminology.hl7.org/CodeSystem/condition-
clinical", "code": "active", "display": "Active"}], "text": "Active"}, "veri-
ficationStatus": {"coding": [{"system": "http://terminology.hl7.org/
CodeSystem/condition-ver-
status", "code": "confirmed", "display": "Confirmed"}], "text": "Confirmed"
}, "category": [{"coding": [{"system": "http://snomed.info/
sct", "code": "55607006", "display": "Problem"}]}], "severity": {"coding":
[{"system": "http://snomed.info/
sct", "code": "83986005", "display": "Hypothyroidism,
unspecified"}]}, "code": {"coding": [{"system": "http://snomed.info/sct",
"code": "83986005", "display": "Hypothyroidism,
unspecified"}]}, "subject": {"reference": "Patient/54", "display": "ALICE
NEWMAN"}, "onsetDateTime": "2006-12-31", "stage": [{"summary": {"coding":
[{"system": "http://snomed.info/
sct", "code": "83986005", "display": "Hypothyroidism,
unspecified"}]}]}], {"fullUrl": "https://radyauth.mindgenix.net/Condit
ion/16", "resource": {"resourceType": "Condition", "id": "16", "meta":
```

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```
{
  "versionId": "16",
  "lastUpdated": "2022-11-16T10:42:03.4881211+05:30",
  "source": "54NEWAL0000056",
  "profile": [
    {
      "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition",
      "text": {
        "status": "generated",
        "div": "<div xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative with Details : Condition</b></p></div>"
      },
      "identifier": [
        {
          "value": "16",
          "clinicalStatus": {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
                "code": "active",
                "display": "Active"
              }
            ],
            "text": "Active"
          },
          "verificationStatus": {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/condition-verification-status",
                "code": "confirmed",
                "display": "Confirmed"
              }
            ],
            "text": "Confirmed"
          },
          "category": [
            {
              "coding": [
                {
                  "system": "http://snomed.info/sct",
                  "code": "55607006",
                  "display": "Problem"
                }
              ]
            },
            {
              "coding": [
                {
                  "system": "http://snomed.info/sct",
                  "code": "236578006",
                  "display": "Kidney transplant rejection"
                }
              ]
            },
            {
              "coding": [
                {
                  "system": "http://snomed.info/sct",
                  "code": "236578006",
                  "display": "Kidney transplant rejection"
                }
              ]
            }
          ],
          "subject": {
            "reference": "Patient/54",
            "display": "ALICE NEWMAN"
          },
          "onsetDateTime": "2011-12-31",
          "stage": [
            {
              "summary": {
                "coding": [
                  {
                    "system": "http://snomed.info/sct",
                    "code": "236578006",
                    "display": "Kidney transplant rejection"
                  }
                ]
              }
            }
          ]
        },
        {
          "fullUrl": "https://radyauth.mindgenix.net/Condition/17",
          "resource": {
            "resourceType": "Condition",
            "id": "17",
            "meta": {
              "versionId": "17",
              "lastUpdated": "2022-11-16T10:42:03.4882485+05:30",
              "source": "54NEWAL0006438",
              "profile": [
                {
                  "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition",
                  "text": {
                    "status": "generated",
                    "div": "<div xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative with Details : Condition</b></p></div>"
                  },
                  "identifier": [
                    {
                      "value": "17",
                      "clinicalStatus": {
                        "coding": [
                          {
                            "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
                            "code": "active",
                            "display": "Active"
                          }
                        ],
                        "text": "Active"
                      },
                      "verificationStatus": {
                        "coding": [
                          {
                            "system": "http://terminology.hl7.org/CodeSystem/condition-verification-status",
                            "code": "confirmed",
                            "display": "Confirmed"
                          }
                        ],
                        "text": "Confirmed"
                      },
                      "category": [
                        {
                          "coding": [
                            {
                              "system": "http://snomed.info/sct",
                              "code": "55607006",
                              "display": "Problem"
                            }
                          ]
                        },
                        {
                          "coding": [
                            {
                              "system": "http://snomed.info/sct",
                              "code": "59621000",
                              "display": "Essential (primary)"
                            }
                          ]
                        }
                      ]
                    }
                  ]
                }
              ]
            }
          }
        }
      ]
    }
  ]
}
```

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```
hypertension"]]],"code":{"coding":[{"system":"http://snomed.info/sct","code":"59621000","display":"Essential (primary) hypertension"}]]},"subject":{"reference":"Patient/54","display":"ALICE NEWMAN"},"onsetDateTime":"2011-10-05","stage":[{"summary":{"coding":[{"system":"http://snomed.info/sct","code":"59621000","display":"Essential (primary) hypertension"}]]}}]]},"fullUrl":"https://radyauth.mindgenix.net/Condition/4","resource":{"resourceType":"Condition","id":"4","meta":{"versionId":"4","lastUpdated":"2022-11-16T10:42:03.4883805+05:30"},"source":"54NEWAL0006314","profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"]},"text":{"status":"generated","div":"<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details : Condition</b></p></div>"},"identifier":[{"value":"4"}],"clinicalStatus":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/condition-clinical","code":"active","display":"Active"}]},"text":"Active"},"verificationStatus":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/condition-ver-status","code":"confirmed","display":"Confirmed"}]},"text":"Confirmed"},"category":[{"coding":[{"system":"http://snomed.info/sct","code":"55607006","display":"Problem"}]}]},"severity":{"coding":[{"system":"http://snomed.info/sct","code":"386661006","display":"Fever, unspecified"}]}]},"code":{"coding":[{"system":"http://snomed.info/sct","code":"386661006","display":"Fever, unspecified"}]}]},"subject":{"reference":"Patient/54","display":"ALICE NEWMAN"},"onsetDateTime":"2015-06-22","stage":[{"summary":{"coding":[{"system":"http://snomed.info/sct","code":"386661006","display":"Fever, unspecified"}]]}}]]},"fullUrl":"https://radyauth.mindgenix.net/Condition/5","resource":{"resourceType":"Condition","id":"5","meta":{"versionId":"5","lastUpdated":"2022-11-16T10:42:03.4885076+05:30"},"source":"54NEWAL0007824","profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"]},"text":{"status":"generated","div":"<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details : Condition</b></p></div>"},"identifier":
```

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```
[{"value":"5"}], "clinicalStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-clinical", "code": "resolved", "display": "Resolved"}], "text": "Resolved"}, {"verificationStatus": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/condition-verification-status", "code": "confirmed", "display": "Confirmed"}], "text": "Confirmed"}, {"category": [{"coding": [{"system": "http://snomed.info/sct", "code": "55607006", "display": "Problem"}]}], "severity": {"coding": [{"system": "http://snomed.info/sct", "code": "238131007", "display": "Overweight"}]}, "code": {"coding": [{"system": "http://snomed.info/sct", "code": "238131007", "display": "Overweight"}]}], "subject": {"reference": "Patient/54", "display": "ALICE NEWMAN"}, {"onsetDateTime": "2006-12-31", "stage": [{"summary": {"coding": [{"system": "http://snomed.info/sct", "code": "238131007", "display": "Overweight"}]}]}]}
```

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### 1.5 Device

URL: <https://ehrwebapi.cutecharts.com/radywebapi/Device?Patient=1>

#### Parameter Input:

- Patient
- Type

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

#### Sample Output:

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "total": 1,
  "entry": [
    {
      "fullUrl": "https://radyauth.mindgenix.net/Device/1",
      "resource": {
        "resourceType": "Device",
        "id": "1",
        "text": {
          "status": "generated",
          "div": "<div
xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative with
Details : Device </b></p></div>",
          "identifier": [
            {
              "system": "https://build.fhir.org/device-example-
pacemaker.json.html",
              "value": "(01)00643169007222(17)160128(21)BLC2004
61H"
            }
          ],
          "udiCarrier": [
            {
              "deviceIdentifier": "00643169007222",
              "carrierAIDC": "aVZCT1J3MEtHZ29B
QUFBTlNVaEVVZ0FBQWlvQUFBQjJDQUlBQUFCcGdTOUJBQUFESFVsRVFWUjQydTNhWFkra
U1CaUFVYnJaLy8rWHV4Y21wdW5YdmtBQk5lZGN6YWhBUmVXWmRreGJJZWU4YlZ0SzZmM3
pTM3RMYVhUdjYvYjVudHRIdHVNWkhVzhKWp2dTgVNEdOcDcyK05HeGhONWp2UG5Ibjh
0SW51Ym40ZklmaUtqSFozNSTmdGgxYk00Wc0L2RwYU9mV3JPbk1rN1g4Mjk0NDkvY2lP
ZnpjanJGWC9GVjczZjRzZmRleFdkdjhmT3ZCOUcxN1Q0RlcvK1drZk93OHVmRFFCdUp6O
EF5QThBOGdNQThnT0EvQUNBL0FBZ1B3QWdQd0RJRHdESUR3RHlBNEQ4QUlEOEFDQS9BQ0
EvQU1nUEFNZ1BBUElEQVBjRGdQd0FJRdHBSUQ4QXlB0EF5QThBOGdNQThnT0EvQUNBL0F
BZ1B3RElEd0RJRHdEeUF3RHlBNEQ4QUlEOEFDQS9BQ0EvQU1nUEFQSURBUElEZ1B3QWdQ
d0FJRdHBSUQ4QXlB0EF5QThBOGdPQS9BQ0EvQUFnUHDZ1B3RElEd0RJRHdEeUF3RHlBN
EQ4QUNBL0FDQS9BTWdQQU1nUEFQSURBUElEZ1B3QWdQd0FJRdHBeUE4QXlB0EE4Z01BOG
dPQS9BQ0EvQUFnUHDZ1B3RElEd0R5QXdEeUE0RDHBSUQ4QUNBL0FDQS9BTWdQQU1nUEF
QSURnUHC0QlFESUR3RHlBd0R5QTRE0EFJRdHBQ0EvQUNBL0FNZ1BBTWdQVBJRGdQd0Fn
UHDZ1B3RElEd0R5QVYzNZV0FERDdBVUIrQU9BQ2Y1MENycEJTCw02NWRKbjNkYmdEa
HlqSGVXYUUVLUZfIEDE0MXBBZWZBc2dQVdyeWdwWnpib08zZDV5ZmMvMz13Q0hCY2hiZl
lHWERQbWRJWVBZRFcvZHYrZmV2M2VXbTkzcGErYkR5Y2p5LzRwOWN3aG90YWZSemRaVEp
NOW8xcFBZbzVlYWpFeEkvZXZka1ByWDZ0L3pBc3RnRU85RnRVdG1lcWtEZERZUddQSlBK
NEJ5bHUvbXVmWGFMTWlwMzlaajQwYnR0TzNucVFINTRYbnZaNm9aazE5WHRHeStGQjhiY
1ZtZTBrLy91UEhoMHEzeklENy9mcFBsUzFmSzUxOExOMjluWTFVT3FnbjFQbTNVSSStlRU
h0Yk9mZHJYbnFUbkgxZE9zaFYvc3ZyUVFWdHU0aDIrKzhVQjd0cU9yUGNjdXU4R3RSbk9
```



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```
hNmwwvEIvNlR0SHhJVnp4M015SE1mdmlkMkVUK3BwNTNxTnBxL2tXdjk3SmV0Yy9nZCtS
R2FReHVQai82MmlITjV5N0JvMWNucy95cw9aa1FkMXdpdkwzNHhza1Q4TzBzdmdGZzlnT
0EyUThBeUE4QXYrTWZKakpxNXcrMDZrY0FBQUFBUIVWT1JLNUNZSuk9", "carrierHRF"
: "(01)00643169007222(17)160128(21)BLC200461H"}], "distinctIdentifier":
"(01)00643169007222(17)160128(21)BLC200461H", "manufacturer": "MEDTRONI
C, INC.", "manufactureDate": "2022-11-16", "expirationDate": "2016-01-
28", "lotNumber": "1134", "serialNumber": "BLC200461H", "deviceName":
[{"name": "Cardiac resynchronization therapy implantable defibrillator
- FDA", "type": "user-friendly-name"}], "type": {"coding":
[{"system": "http://terminology.hl7.org/CodeSystem/
ContinuaDeviceIdentifiers", "code": "00643169007222", "display": "Viva™
Quad XT CRT-D ( DTBA1QQ
)"}]}, "patient": {"reference": "Patient/54"}, "contact":
[{"system": "phone", "value": "Ext 4352"}]}]}
```



## 1.6 DiagnosticReport

URL: <https://ehrwebapi.cutecharts.com/radywebapi/DiagnosticReport?Patient=1>

### Parameter Input:

- Status
- Patient
- Category
- Code
- Date

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

### Sample Output:

```
{"resourceType":"Bundle","type":"searchset","total":1,"entry":
[{"fullUrl":"https://radyauth.mindgenix.net/DiagnosticReport/
4","resource":{"resourceType":"DiagnosticReport","id":"4","text":
{"status":"generated","div":"<div
xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with
Details : Diagnostic Report</b></p></div>"},"identifier":
[{"value":"003772"}], "basedOn":[{"display":"Lab
Order"}], "status":"preliminary", "category":[{"coding":
[{"system":"http://loinc.org", "code":"LP29684-
5", "display":"Pathology"}], "text":"Pathology"}], "code":{"coding":
[{"system":"http://loinc.org", "code":"6690-2", "display":"Urinalysis,
Complete"}], "text":"Urinalysis, Complete"}, "subject":
{"reference":"Patient/54", "display":"ALICE NEWMAN"}, "encounter":
{"reference":"Encounter/5"}, "effectiveDateTime":"2015-06-
22", "issued":"2015-06-22T00:00:00+05:30", "performer":
[{"reference":"Practitioner/4"}], "specimen":[{"reference":"Specimen/
Urine (random)", "display":"Routine urinalysis tube or container, BD
urine transport tube, or sterile urine cup"}], "result":
[{"reference":"Observation/013045 - Urine-Color", "display":"Yellow"},
{"reference":"Observation/013052 - Appearance", "display":"CLEAR"},
{"reference":"Observation/013060 - Specific
Gravity", "display":"1.015"}, {"reference":"Observation/013078 - pH of
Urine by Test
strip", "display":"5.0"}, {"reference":"Observation/013086 -
Glucose", "display":"50"}, {"reference":"Observation/013094 -
Protein", "display":"100"}, {"reference":"Observation/013110 -
Ketones", "display":"Negative"}, {"reference":"Observation/013185 -
Lower Respiratory Tract Structure (X-Ray) - Lungs are not clear,
```

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cannot rule out Anemia. Other tests are required to determine the presence or absence of Anemia.", "display": "-"}], "presentedForm": [{"contentType": "text/plain", "data": "Q2pFNU5URXRNRGt0TURRS0NpTWdRMmhwWldZZ1Ey0XRjR3hoYVc1MENrNXZJR052YlhCc1lXbHVkSE11Q2dvaklFaHBjM1J2Y25rZ2IyWWdVSEpsYzJWdWRDQkpiR3h1Wlh0ekNreDFZMmxsYmpRd09DQnBjeUJoSURFeElIbGxZWEl0YjJ4a0lHNXZiaTFvYVh0d1lXNXBZeUIzYUdsMFpTQnRZV3hsTGlCUVlYUnBaVzUwSUdoaGN5QmhJR2hwYzNSdmNua2diMllnYjNScGRHbHpJRzFsWkdsaExDQmhZM1YwWlNCMmFYSmhiQ0J3YUdGeWVXNW5hWFJwY3lBb1pHbHpim0prWlhJcExDQm1jbUZqZEhWeVpTQnZaaUJqYkdGMmFXtnNaUzRLQ2lNZ1UyOWphV0ZzSUVocGMzUnZjbmtLSUZCaGRHbGxiblFnYUdGeklHNWxkbVZ5SUhOdGIydGxaQ0JoYm1RZ2FYTWdVZVZnRnWVd4amIyaHZiR2xqTGdvS1VHRjBhV1Z1ZENCamIyMWxjeUJtY205dElHRWdhR2xuYUNCemIyTnBiMlZqYjI1dmJXbGpJR0poWTJ0bmNtOTFibVF1SUZCaGRHbGxiblFnWTNWeWNtVnVkr3g1SUdoaGN5QknISFZsSUV0eWIzTnpJRUpzZFdVZ1UyaHBaV3hrTGdvS0l5QkJiR3hsY21kcFpYTUtUbThnUzI1dmQyNGdRV3hzWlhKbmFXVnpMZ29LSXlCTlpXUnBZMkYwYVc5dWN3cHdaVzVwWTJsc2JHbHVJR2NnTXpjMULHMW5MMjFzSUDsdWFtVmpkR0ZpYkdVZ2MyOXNkWFJwYjI0N0lHRnpjR2x5YVc0Z09ERWdiV2NnYjNKAJJDQjBZV0pzWlhRS0NpTWdRWE56Wlh0emJXVnVkQ0JoYm1RZ1VHeGhiZ3BRWVhScFpXNTBJR2x6SUhCeVpYTmxibljwYm1jZ2QybDBhQ0IyYVhKaGJDQnphVzUxYzJsMGFYTWdLR1JwYzI5eVpHVnlLUzRnQ2dvakl5QlFiR0Z1Q2dwVWFHVWdabTlzYkc5M2FXNW5JSEJ5YjJ0bFpIVnlawE1nZDJWeVpTQmpimjVrZFdOMFpXUTZDaTBnYldWa2FXTmhkR2x2YmlCeVpXTnZibU5wYkdsaGRHbHZiaUFvY0hKdltkYVmtkWEpsS1FwVWFHVWdjR0YwYVdWdWRDQjNZWE1nY0hKbGMYTnlhV0psWkNCMGFHVWdabTlzYkc5M2FXNW5JRzFsWkdsa1lYUnBiMjV6T2dvdElHRnRiM2hwwTJsc2JHbHVJREkxTUNCdFp5QXZJR05zWVhaMWJHRnVZWfJsSURFeU5TQnRaeUJ2Y21Gc0lIUmhZbXhsZEFvPQ=="}]]}}]]}}

## 1.7 DocumentReference

URL:<https://ehrwebapi.cutecharts.com/radywebapi/DocumentReference?Patient=1>

### Parameter Input:

- \_id
- Status
- Patient
- Category
- Type
- Date
- Period

**Exception Handling:** The exceptions are handled using TRY and CATCH method

### Sample Output:

```
{ "resourceType": "Bundle", "type": "searchset", "total": 2, "entry":
[ { "fullUrl": "https://radyauth.mindgenix.net/DocumentReference/
71", "resource": { "resourceType": "DocumentReference", "id": "71", "text":
{ "status": "generated", "div": "<div
xmlns='\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with
Details : Document Reference </b></p></div>" }, "identifier":
[ { "value": "71" }, { "status": "current", "docStatus": "final", "type":
{ "coding": [ { "system": "http://loinc.org", "code": "18842-
5", "display": "Discharge Summary" } ], "text": "Discharge
Summary" }, "category": [ { "coding": [ { "system": "http://hl7.org/fhir/us/
core/CodeSystem/us-core-documentreference-category", "code": "clinical-
note", "display": "Clinical
Note" } ] } ], "subject": { "reference": "Patient/54", "display": "ALICE
NEWMAN" }, "date": "2019-07-18T00:00:00+05:30", "author":
[ { "reference": "Practitioner/4", "display": "Albert
Davis" }, { "authenticator": { "reference": "Practitioner/4", "display": "Alb
ert
Davis" }, "custodian": { "reference": "Organization/89", "display": "MU3-
RADYSANS MU STAGE THREE PRACTICE" }, "relatesTo":
[ { "code": "appends", "target": { "reference": "DocumentReference/
Restricted", "display": "Restricted" } } ], "description": "Checking
restricted access CCD", "securityLabel": [ { "coding":
[ { "system": "http://terminology.hl7.org/CodeSystem/v3-
```

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```
Confidentiality","code":"N","display":"normal"]], "text":"normal"}], "c
ontent": [{"attachment": {"contentType": "text/plain", "language": "en-
US", "data": "U3lzdGVtLkJ5dGVbXQ==", "title": "Checking restricted access
CCD", "creation": "2019-07-18"}, "format": {"system": "http://ihe.net/fhir
/ValueSet/
IHE.FormatCode.codesystem", "code": "urn:ihe:iti:bppc:2007", "display": "
Basic Patient Privacy Consents"}}], "context": {"encounter":
[{"reference": "Encounter/5"}], "period": {"start": "2019-07-
18", "end": "2019-07-18"}, "facilityType": {"coding": [{"system": "http://
snomed.info/sct", "code": "33022008", "display": "Hospital-based
outpatient clinic or department"}], "text": "Hospital-based outpatient
clinic or department"}, "practiceSetting": {"coding":
[{"system": "http://snomed.info/
sct", "code": "394814009", "display": "General
Practice"}], "text": "General Practice"}, "sourcePatientInfo":
{"reference": "Patient/54", "display": "ALICE NEWMAN"}, "related":
[{"reference": "Patient/xcda71", "display": "71"}]}],
{"fullUrl": "https://radyauth.mindgenix.net/DocumentReference/
84", "resource": {"resourceType": "DocumentReference", "id": "84", "text":
{"status": "generated", "div": "<div
xmlns=\\\"http://www.w3.org/1999/xhtml\\\"><p><b>Generated Narrative with
Details : Document Reference </b></p></div>"}, "identifier":
[{"value": "84"}], "status": "current", "docStatus": "final", "type":
{"coding": [{"system": "http://loinc.org", "code": "18842-
5", "display": "Discharge Summary"}], "text": "Discharge
Summary"}, "category": [{"coding": [{"system": "http://hl7.org/fhir/us/
core/CodeSystem/us-core-documentreference-category", "code": "clinical-
note", "display": "Clinical
Note"}]}], "subject": {"reference": "Patient/54", "display": "ALICE
NEWMAN"}, "date": "2015-06-22T00:00:00+05:30", "author":
[{"reference": "Practitioner/4", "display": "Albert
Davis"}], "authenticator": {"reference": "Practitioner/4", "display": "Alb
ert
Davis"}, "custodian": {"reference": "Organization/89", "display": "MU3-
RADYSANS MU STAGE THREE PRACTICE"}, "relatesTo":
[{"code": "appends", "target": {"reference": "DocumentReference/X-
rays", "display": "X-rays"}], "description": "The lungs are well
inflated and clear. There is no evidence of pneumonia or pulmonary
edema", "securityLabel": [{"coding": [{"system": "http://terminology.hl7.
org/CodeSystem/v3-
```

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Confidentiality,"code":"N","display":"normal"}], "text":"normal"}], "content":[{"attachment":{"contentType":"text/plain", "language":"en-

US","data":"U3lzdGVtLkJ5dGVbXQ==", "title":"The lungs are well inflated and clear. There is no evidence of pneumonia or pulmonary

edema","creation":"2015-06-22"},"format":{"system":"http://ihe.net/fhir/ValueSet/IHE.FormatCode.codesystem","code":"urn:ihe:iti:bppc:2007","display":"Basic Patient Privacy Consents"}], "context":{"encounter":[{"reference":"Encounter/5"}], "event":[{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v3-ActCode","code":"PERIOD","display":"Transaction counts and value totals by Provider Identifier."}], "text":"Transaction counts and value totals by Provider Identifier."}], "period":{"start":"2015-06-22","end":"2015-06-22"},"facilityType":{"coding":[{"system":"http://snomed.info/sct","code":"33022008","display":"Hospital-based outpatient clinic or department"}], "text":"Hospital-based outpatient clinic or department"},"practiceSetting":{"coding":[{"system":"http://snomed.info/sct","code":"394814009","display":"General Practice"}], "text":"General Practice"},"sourcePatientInfo":{"reference":"Patient/54","display":"ALICE NEWMAN"},"related":[{"reference":"Patient/xcda84","display":"84"}]}]}]}

## 1.8 Encounter

URL: <https://ehrwebapi.cutecharts.com/radywebapi/Encounter?Patient=1>

### **Parameter Input:**

- \_id
- Class
- Date
- Identifier
- Patient
- Status
- Type

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

**Sample Output:** {"resourceType":"Encounter","id":"5","meta":{"versionId":"5","lastUpdated":"2022-11-16T10:46:04.5110319+05:30","source":"54NEWAL0001984","profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-encounter"]},"text":{"status":"generated","div":"<div xmlns='\"http://www.w3.org/1999/xhtml\"'><p><b>Description: </b> : Encounter </p></div>"},"identifier":[{"use":"official","system":"https://github.com/synthetichealth/synthea","value":"b2f03e6a-e0e9-4bd3-9bed-434f20c5bdb3"}],"status":"finished","class":{"system":"http://terminology.hl7.org/CodeSystem/v3-ActCode","code":"AMB"},"type":[{"coding":[{"system":"http://snomed.info/sct","code":"185345009","display":"Encounter for symptom"}],"text":"Encounter for symptom"},"subject":{"reference":"Patient/54","display":"NEWMAN ALICE - NEWAL000"},"participant":[{"type":[{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/v3-ParticipationType","code":"PPRF","display":"primary performer"}],"text":"primary performer"}],"period":{"start":"2015-06-22T05:45:00+00:00","end":"2015-06-22T06:14:00+00:00"},"individual":{"reference":"Practitioner/4","display":"Albert Davis"}],"period":{"start":"2015-06-22T05:45:00+00:00","end":"2015-06-22T06:14:00+00:00"},"reasonCode":[{"coding":[{"system":"http://snomed.info/sct","code":"386661006","display":"Fever (finding)"}],"text":"Fever (finding)"},"hospitalization":

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```
{"dischargeDisposition":{"coding":[{"system":"http://www.nubc.org/patient-discharge","code":"01","display":"Discharged to home care or
```

```
self care (routine discharge)"}],"text":"Discharged to home care or  
self care (routine discharge)"}}, {"location":[{"location":  
{"reference":"Location/4","display":"Neighborhood Physicians
```

```
Practice"}]}], "serviceProvider":{"reference":"Organization/  
89","display":"RADYSANS MU STAGE THREE PRACTICE"}}}
```

## **1.9 Goal**

**URL:** <https://ehrwebapi.cutecharts.com/radywebapi/Goal?Patient=1>

### **Parameter Input:**

- Lifecycle-status
- Patient
- Target-date

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

### **Sample Output:**

```
{ "resourceType": "Bundle", "type": "searchset", "total": 1, "entry":
[ { "fullUrl": "https://radyauth.mindgenix.net/Goal/11", "resource":
{ "resourceType": "Goal", "id": "11", "text":
{ "status": "generated", "div": "<div
xmlns='\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with
Details : Goal </b></p></div>" }, "identifier":
[ { "value": "11" } ], "lifecycleStatus": "completed", "category": [ { "coding":
[ { "system": "http://terminology.hl7.org/CodeSystem/goal-
category", "code": "dietary", "display": "Dietary" } ], "text": "Goals
related to the consumption of food and/or beverages." } ], "priority":
{ "coding": [ { "system": "http://terminology.hl7.org/CodeSystem/goal-
priority", "code": "high-priority", "display": "High
Priority" } ], "text": "High" }, "description": { "text": "Weight is 194
lbs" }, "subject": { "reference": "Patient/54" }, "startDate": "2015-06-
22", "target": [ { "measure": { "coding": [ { "system": "http://
loinc.org", "code": "3141-9", "display": "Weight
Measured" } ], "text": "Weight Measured" }, "detailQuantity":

{ "value": 194, "unit": "lbs", "system": "http://
unitsofmeasure.org", "code": "[lb_av]", "dueDate": "2015-06-
22" } ], "statusDate": "2015-06-22", "statusReason": "Patient wants to
review weight loss if
any.", "addresses": [ { "reference": "Obesity/example", "display": "obesity
condition" } ], "outcomeReference": [ { "reference": "Observation/example", "
display": "Body Weight Measured" } ] } ] } ] }
```



### 1.10 Immunization

URL: <https://ehrwebapi.cutecharts.com/radywebapi/Immunization?Patient=1>

#### **Parameter Input:**

- Patient
- Status
- Date

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

#### **Sample Output:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "total": 3,
  "entry": [
    {
      "fullUrl": "https://radyauth.mindgenix.net/Immunization/31",
      "resource": {
        "resourceType": "Immunization",
        "id": "31",
        "meta": {
          "versionId": "1",
          "lastUpdated": "2022-11-16T10:43:15.9795841+05:30",
          "source": "54NEWAL0006402",
          "profile": [
            "http://hl7.org/fhir/us/core/StructureDefinition/us-core-immunization"
          ],
          "text": {
            "status": "generated",
            "div": "<div xmlns='\"http://www.w3.org/1999/xhtml\"'><p><b>Generated Narrative with Details</b> Immunization</p></div>"
          },
          "identifier": [
            {
              "system": "urn:ietf:rfc:3986",
              "value": "urn:oid:1.3.6.1.4.1.21367.2005.3.7.1234"
            }
          ],
          "status": "completed",
          "vaccineCode": {
            "coding": [
              {
                "system": "http://hl7.org/fhir/sid/cvx",
                "code": "88",
                "display": "Influenza"
              }
            ],
            "text": "Influenza"
          },
          "patient": {
            "reference": "Patient/54",
            "display": "NEWMAN, ALICE"
          },
          "encounter": {
            "reference": "Encounter/54",
            "display": "Enc - 54"
          },
          "occurrenceDateTime": "2014-05-10",
          "recorded": "2014-05-10",
          "primarySource": true,
          "reportOrigin": {
            "coding": [
              {
                "system": "http://hl7.org/fhir/immunization-origin",
                "code": "record",
                "display": "Written Record"
              }
            ],
            "text": "Written Record"
          },
          "location": {
            "reference": "Location/Neighborhood Physicians Practice"
          },
          "manufacturer": {
            "reference": "OrganizationImmuno Inc"
          },
          "lotNumber": "1",
          "expirationDate": "2018-11-28",
          "site": {
            "coding": [
              {
                "system": "http://hl7.org/fhir/v3/ActSite",
                "code": "LA"
              }
            ],
            "text": "Left Arm"
          },
          "route": {
            "coding": [
              {
                "system": "http://hl7.org/fhir/v3/RouteOfAdministration",
                "code": "Mouth"
              }
            ],
            "text": "By mouth"
          },
          "doseQuantity": {
            "value": 0.5,
            "unit": "ml"
          },
          "reasonCode": [
            {
              "coding": [
                {
                  "system": "http://snomed.info/sct",
                  "code": "429060002",
                  "display": "Procedure to meet occupational"
                }
              ]
            }
          ]
        }
      }
    }
  ]
}
```

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```
requirement"]], "text": "Procedure to meet occupational  
requirement"]], "reaction": [{"date": "2014-05-10"}], "protocolApplied":  
[{"series": "Vaccination Series 1", "authority":  
{"reference": "Organization/RADYSANS MU STAGE THREE  
PRACTICE"}, "doseNumberString": "1", "seriesDosesString": "1"}]],  
{"fullUrl": "https://radyauth.mindgenix.net/Immunization/  
32", "resource": {"resourceType": "Immunization", "id": "32", "meta":  
{"versionId": "1", "lastUpdated": "2022-11-  
16T10:43:15.9798898+05:30", "source": "54NEWAL0009694", "profile":  
["http://hl7.org/fhir/us/core/StructureDefinition/us-core-  
immunization"]}, "text": {"status": "generated", "div": "<div  
xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with  
Details</b> Immunization</p></div>"}, "identifier":
```

```
[{"system": "urn:ietf:rhc:3986", "value": "urn:oid:1.3.6.1.4.1.21367.200  
5.3.7.1234"}], "status": "completed", "vaccineCode": {"coding": [{"  
system": "http://hl7.org/fhir/sid/cvx", "code": "106", "display": "DT"}], "  
text": "DT"}, "patient": {"reference": "Patient/54", "display": "NEWMAN,  
ALICE"}, "encounter": {"reference": "Encounter/54", "display": "Enc -  
54"}, "occurrenceDateTime": "2012-01-04", "recorded": "2012-01-04", "  
primarySource": true, "reportOrigin": {"coding": [{"system": "  
http://hl7.org/fhir/immunization-origin", "code": "record", "display": "  
Written Record"}], "text": "Written Record"}, "location": {"reference": "  
Location/Neighborhood Physicians Practice"}, "manufacturer": {"  
reference": "OrganizationImmunoInc"}, "lotNumber": "2", "  
expirationDate": "2018-11-28", "site": {"coding": [{"system": "  
http://hl7.org/fhir/v3/ActSite", "code": "RG"}], "text": "Right  
Gluteal"}, "route": {"coding": [{"system": "  
http://hl7.org/fhir/v3/RouteOfAdministration", "code": "IM"}], "text": "  
Intramuscular"}, "doseQuantity": {"value": 0.5, "unit": "ml"}, "note": [{"  
text": "Observation"}], "reasonCode": [{"coding": [{"system": "http://  
snomed.info/sct", "code": "429060002", "display": "Procedure to meet  
occupational requirement"}], "text": "Procedure to meet occupational  
requirement"}], "reaction": [{"date": "2012-01-04"}], "protocolApplied":  
[{"series": "Vaccination Series 1", "authority": {"reference": "  
Organization/RADYSANS MU STAGE THREEPRACTICE"}, "doseNumberString": "  
1", "seriesDosesString": "1"}]], {"fullUrl": "  
https://ehrwebapi.cutecharts.com/radyoauth/Immunization/
```

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33", "resource": {"resourceType": "Immunization", "id": "33", "meta": {"versionId": "1", "lastUpdated": "2022-11-

16T10:43:15.9801395+05:30", "source": "54NEWAL0009147", "profile": ["http://hl7.org/fhir/us/core/StructureDefinition/us-core-

immunization"]}, {"text": {"status": "generated", "div": "<div xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative with Details</b> Immunization</p></div>"}, {"identifier": [{"system": "urn:ietf:rfc:3986", "value": "urn:oid:1.3.6.1.4.1.21367.2005.3.7.1234"}], "status": "entered-in-error", "statusReason": {"coding": [{"system": "http://terminology.hl7.org/CodeSystem/v3-ActReason", "code": "OSTOCK", "display": "product out of stock"}], "text": "product out of stock"}, {"vaccineCode": {"coding": [{"system": "http://hl7.org/fhir/sid/cvx", "code": "166", "display": "influenza, intradermal, quadrivalent, preservative free"}], "text": "influenza, intradermal, quadrivalent, preservative

free"}, {"patient": {"reference": "Patient/54", "display": "NEWMAN, ALICE"}, {"encounter": {"reference": "Encounter/54", "display": "Enc - 54"}, {"occurrenceDateTime": "2015-06-22", "recorded": "2015-06-22", "primarySource": false, "reportOrigin": {"coding": [{"system": "http://hl7.org/fhir/immunization-origin", "code": "provider", "display": "Other Provider"}], "text": "Other Provider"}, {"location": {"reference": "Location/Neighborhood Physicians Practice"}, {"manufacturer": {"reference": "Organization"}, {"expirationDate": "2022-11-16", "doseQuantity": {"value": 0.5, "unit": "ml"}, "reasonCode": [{"coding": [{"system": "http://snomed.info/sct", "code": "429060002", "display": "Procedure to meet occupational requirement"}], "text": "Procedure to meet occupational requirement"}], "reaction": [{"date": "2015-06-22"}], "protocolApplied": [{"series": "Vaccination Series 1", "authority": {"reference": "Organization/RADYSANS MU STAGE THREE PRACTICE"}, "doseNumberString": "1", "seriesDosesString": "1"}]]}]}

### 1.11 MedicationRequest

URL: <https://ehrwebapi.cutecharts.com/radywebapi/MedicationRequest?Patient=1>

**Parameter Input:**

- Status
- Intent
- Patient
- Encounter
- Authoredon

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

**Sample Output:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "total": 3,
  "entry": [
    {
      "fullUrl": "https://radyauth.mindgenix.net/MedicationRequest/3",
      "resource": {
        "resourceType": "MedicationRequest",
        "id": "3",
        "meta": {
          "versionId": "3",
          "lastUpdated": "2022-11-16T10:43:22.7447738+05:30",
          "source": "3NEWAL0006787",
          "profile": [
            "http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"
          ],
          "text": {
            "status": "generated",
            "div": "<div xmlns='\"http://www.w3.org/1999/xhtml\"'><p><b>Generated Narrative with Details : </b> Medication Request</p></div>"
          },
          "status": "active",
          "intent": "order",
          "category": [
            {
              "coding": [
                {
                  "system": "http://terminology.hl7.org/CodeSystem/medicationrequest-category",
                  "code": "community",
                  "display": "Community"
                }
              ],
              "text": "Community"
            }
          ],
          "priority": "routine",
          "reportedBoolean": true,
          "medicationCodeableConcept": {
            "coding": [
              {
                "system": "http://www.nlm.nih.gov/research/umls/rxnorm",
                "code": "309090"
              }
            ],
            "text": "Ceftriaxone - 5.00 - 100 gram"
          },
          "subject": {
            "reference": "Patient/54",
            "display": "ALICE NEWMAN"
          },
          "encounter": {
            "reference": "Encounter/5"
          },
          "authoredOn": "2015-06-22",
          "requester": {
            "reference": "Practitioner/4",
            "display": "Albert Davis"
          },
          "recorder": {
            "reference": "Practitioner/4",
            "display": "Albert Davis"
          },
          "dosageInstruction": [
            {
              "text": "single dose",
              "patientInstruction": "No",
              "asNeededBoolean": false,
              "route": {
                "coding": [
                  {
                    "system": "http://snomed.info/sct",
                    "code": "284009009"
                  }
                ],
                "text": "Inject"
              },
              "method": {
                "coding":
```

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```
[{"system":"http://snomed.info/sct","code":"419652001"}],{"text":"Inject"},"maxDosePerAdministration":{"value":5.0000,"unit":"1 unit"}}]]},
```

```
{"fullUrl":"https://radyauth.mindgenix.net/MedicationRequest/4","resource":{"resourceType":"MedicationRequest","id":"4","meta":
```

```
{"versionId":"4","lastUpdated":"2022-11-16T10:43:22.8190656+05:30","source":"4NEWAL0009264","profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"]},"text":{"status":"generated","div":"<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details : </b> Medication Request</p></div>"},"status":"active","intent":"order","category":[{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/medicationrequest-category","code":"community","display":"Community"}]}],"text":"Community"},"priority":"routine","reportedBoolean":true,"medicationCodeableConcept":{"coding":[{"system":"http://www.nlm.nih.gov/research/umls/rxnorm","code":"209459"}]},"text":"Tylenol Extra Strength - 10.00 - 500 mg"},"subject":{"reference":"Patient/54","display":"ALICE NEWMAN"},"encounter":
```

```
{"reference":"Encounter/5"},"authoredOn":"2015-06-22","requester":{"reference":"Practitioner/4","display":"Albert Davis"},"recorder":{"reference":"Practitioner/4","display":"Albert Davis"},"dosageInstruction":[{"text":"once a day","patientInstruction":"No","asNeededBoolean":true,"route":{"coding":[{"system":"http://snomed.info/sct","code":"284009009"}]},"text":"by mouth"},"method":{"coding":[{"system":"http://snomed.info/sct","code":"419652001"}]},"text":"Take"},"maxDosePerAdministration":{"value":10.0000,"unit":"1 unit"}}]]}, {"fullUrl":"https://radyauth.mindgenix.net/MedicationRequest/5","resource":{"resourceType":"MedicationRequest","id":"5","meta":{"versionId":"5","lastUpdated":"2022-11-16T10:43:22.8443723+05:30","source":"5NEWAL0000945","profile":
```

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```
[{"http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest"}], "text": {"status": "generated", "div": "<div
```

```
xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with  
Details : </b> Medication  
Request</p></div>\"}, \"status\": \"active\", \"intent\": \"order\", \"category\":  
[\"coding\": [{\"system\": \"http://terminology.hl7.org/CodeSystem/  
medicationrequest-
```

```
category\", \"code\": \"community\", \"display\": \"Community\"}], \"text\": \"Communit  
y\"}], \"priority\": \"routine\", \"reportedBoolean\": true, \"medicationCodeableC
```

```
oncept\": {\"coding\": [{\"system\": \"http://www.nlm.nih.gov/research/umls/  
rxnorm\", \"code\": \"576586\"}], \"text\": \"Aranesp (in polysorbate) - 0.50 -  
100 mcg/0.5 mL\", \"subject\": {\"reference\": \"Patient/54\", \"display\": \"ALICE  
NEWMAN\"}, \"encounter\": {\"reference\": \"Encounter/5\"}, \"authoredOn\": \"2015-
```

```
06-22\", \"requester\": {\"reference\": \"Practitioner/4\", \"display\": \"Albert  
Davis\"}, \"recorder\": {\"reference\": \"Practitioner/4\", \"display\": \"Albert
```

```
Davis\"}, \"dosageInstruction\": [{\"text\": \"once a  
week\", \"patientInstruction\": \"No\", \"asNeededBoolean\": false, \"route\":  
[\"coding\": [{\"system\": \"http://snomed.info/  
sct\", \"code\": \"284009009\"}], \"text\": \"Inject\"}, \"method\": {\"coding\":  
[\"system\": \"http://snomed.info/  
sct\", \"code\": \"419652001\"}], \"text\": \"Inject\"}, \"maxDosePerAdministration\"  
: {\"value\": 0.5000, \"unit\": \"1 unit\"}}]]]]}
```

## **1.12 Observation**

**URL:** <https://ehrwebapi.cutecharts.com/radywebapi/Observation?Patient=1>

### **Parameter Input:**

- Status
- Category
- Code
- Date
- Patient

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

### **Sample Output:**

```
{"resourceType": "Bundle", "type": "searchset", "total": 1, "entry":  
[{"fullUrl": "https://radyauth.mindgenix.net/Observation/  
8", "resource": {"resourceType": "Observation", "id": "8", "meta":  
{"profile": ["http://hl7.org/fhir/us/core/StructureDefinition/  
bodyheight"]}, "status": "final", "category": [{"coding":  
[{"system": "http://terminology.hl7.org/CodeSystem/observation-  
category", "code": "vital-signs", "display": "vital-signs"}]}], "code":  
{"coding": [{"system": "http://loinc.org", "code": "8302-  
2", "display": "Body Height"}], "text": "Body Height", "subject":  
{"reference": "Patient/54"}, "encounter": {"reference": "Encounter/  
5"}, "effectiveDateTime": "2017-11-15T07:02:17+05:30", "issued": "2017-  
11-15T07:02:17+05:30", "valueQuantity":  
{"value": 177, "unit": "cm", "system": "http://  
unitsofmeasure.org", "code": "cm"}]]}]}
```



### **1.13 Organization**

**URL:** <https://ehrwebapi.cutecharts.com/radywebapi/Organization?Name=HospitalName>

**Parameter Input:**

- Name
- Address

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

**Sample Output:** `{"resourceType":"Organization","id":"89","meta":{"versionId":"89","lastUpdated":"2022-11-16T10:46:06.5064557+05:30","source":"89_MU36094","profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-organization"]},"text":{"status":"generated","div":"<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details : Organization </b></p></div>"},"identifier":[{"system":"https://github.com/synthetichealth/synthea","value":"89_MU3"}, {"system":"http://hl7.org/fhir/sid/us-npi","value":"0999999990"}, {"system":"urn:oid:2.16.840.1.113883.4.7","value":"0999999990"}],"active":true,"type":[{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/organization-type","code":"prov","display":"Healthcare Provider"}],"text":"Healthcare Provider"}],"name":"RADYSANS MU STAGE THREE PRACTICE","telecom":[{"system":"phone","value":"(919)319-6610"}],"address":[{"line":["1053 PETERS ROAD"],"city":"HENDERSONVILLE","state":"VA","postalCode":"27511","country":"USA"}]}`



### **1.14 Patient**

URL: [https://ehrwebapi.cutecharts.com/radywebapi/Patient?\\_id=1](https://ehrwebapi.cutecharts.com/radywebapi/Patient?_id=1)

#### **Parameter Input:**

- \_id
- Birthdate
- Family
- Gender
- Given
- Identifier
- Name

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

**Sample Output:** {"resourceType":"Bundle","id":"3369a291-842d-44ac-8417-42ec2e71c038","identifier":{"system":"https://www.max.in/bundle","value":"3369a291-842d-44ac-8417-42ec2e71c038"},"type":"searchset","timestamp":"2022-11-16T10:41:29.5765366+05:30","total":1,"entry":[{"fullUrl":"https://radyauth.mindgenix.net/Patient/54","resource":{"resourceType":"Patient","id":"54","text":{"status":"generated","div":"<div xmlns='\"http://www.w3.org/1999/xhtml\"'><p><b>Generated Narrative with Details</b> Patient NEWMAN ALICE </p></div>"},"extension":[{"extension":[{"url":"ombCategory","valueCoding":{"system":"urn:oid:2.16.840.1.113883.6.238","code":"2106-3","display":"White"}},{"url":"text","valueString":"White"}],"url":"http://hl7.org/fhir/us/core/StructureDefinition/us-core-race"},"extension":[{"url":"ombCategory","valueCoding":{"system":"urn:oid:2.16.840.1.113883.6.238","code":"2186-5","display":"Not Hispanic or Latino"}},{"url":"text","valueString":"Not Hispanic or Latino"}],"url":"http://hl7.org/fhir/us/core/StructureDefinition/us-core-ethnicity"},"url":"http://hl7.org/fhir/us/core/StructureDefinition/us-core-birthsex","valueCode":"F"}],"identifier":[{"use":"secondary","system":"urn:oid:2.16.840.1.113883.2.4.6.3","val

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```
ue":"NEWAL000"}], "active":true, "name":[{"use":"usual", "text":"ALICE  
NEWMAN", "family":"NEWMAN", "given":["ALICE"], "prefix":  
["MR"]}], "telecom":  
[{"system":"email", "value":"newal000@mindgenix.net", "use":"work"},
```

```
{ "system":"phone", "value":"5557231544", "use":"home"}], "gender":"femal  
e", "birthDate":"1970-05-01", "deceasedBoolean":false, "address":  
[{"use":"home", "line":["1357, Amber  
Dr"], "city":"Beaverton", "state":"OR", "postalCode":"97006", "country":"  
USA", "period":{"start":"2018-05-09", "end":"2021-05-  
09"}}], "maritalStatus":{"coding":[{"system":"http://hl7.org/fhir/v3/  
MaritalStatus", "code":"UK", "display":"Unknown"}]}, "multipleBirthBoole  
an":false, "communication":[{"language":{"coding":  
[{"system":"urn:ietf:bcp:47", "code":"en", "display":"English"}], "text"  
:"English"}, "preferred"
```

```
:false}], "generalPractitioner":[{"reference":"Practitioner/  
4", "display":"Albert Davis"}], "managingOrganization":  
{"reference":"Organization/89", "display":"RADYSANS MU STAGE THREE  
PRACTICE"}]]}]}
```

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### 1.15 Practitioner

**URL:** <https://ehrwebapi.cutecharts.com/radywebapi/Practitioner?Name=DoctorName>

**Parameter Input:**

- Name
- Identifier

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

**Sample Output:** {"resourceType":"Practitioner","id":"4","meta":{"versionId":"4","lastUpdated":"2022-11-16T10:46:07.4691232+05:30","source":"4Davis6468","profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-practitioner"]},"text":{"status":"generated","div":"<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details : Practitioner </b></p></div>"},"identifier":[{"system":"http://hl7.org/fhir/sid/us-npi","value":"1234567890"}],"active":true,"name":[{"family":"Albert","given":["Davis"],"prefix":["Dr."]}],"telecom":[{"system":"phone","value":"AlbertDavis@example.com"}],"address":[{"line":["2472, Rocky place"],"city":"Beaverton","state":"OR","postalCode":"97006","country":"USA"}],"gender":"male"}

### **1.16 PractitionerRole**

**URL:** <https://ehrwebapi.cutecharts.com/radywebapi/PractitionerRole?DoctorName>

**Parameter Input:**

- Specialty
- Practitioner

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

**Sample Output:** {"resourceType":"Practitioner","id":"4","meta":{"versionId":"4","lastUpdated":"2022-11-16T10:46:07.4691232+05:30","source":"4Davis6468","profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-practitioner"]},"text":{"status":"generated","div":"<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details : Practitioner </b></p></div>"},"identifier":[{"system":"http://hl7.org/fhir/sid/us-npi","value":"1234567890"}],"active":true,"name":[{"family":"Albert","given":["Davis"],"prefix":["Dr."]}],"telecom":[{"system":"phone","value":"AlbertDavis@example.com"}],"address":[{"line":["2472, Rocky place"],"city":"Beaverton","state":"OR","postalCode":"97006","country":"USA"}],"gender":"male"}

### **1.17 Procedure**

URL: <https://ehrwebapi.cutecharts.com/radywebapi/Procedure?Patient=1>

**Parameter Input:**

- Status
- Patient
- Date
- Code

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

**Sample Output:**

```
{
  "resourceType": "Bundle",
  "type": "searchset",
  "total": 2,
  "entry": [
    {
      "fullUrl": "https://radyauth.mindgenix.net/Procedure/2",
      "resource": {
        "resourceType": "Procedure",
        "id": "2",
        "text": {
          "status": "generated",
          "div": "<div xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative with Details : </b> Procedure </p></div>"
        },
        "identifier": [
          {
            "value": "2",
            "status": "completed",
            "code": {
              "coding": [
                {
                  "system": "http://snomed.info/sct",
                  "code": "56251003"
                }
              ],
              "text": "Nebulizer Therapy",
              "subject": {
                "reference": "Patient/54",
                "display": "ALICE NEWMAN"
              },
              "performedDateTime": "2015-06-22",
              "performer": [
                {
                  "actor": {
                    "reference": "Practitioner/4",
                    "display": "Albert Davis"
                  },
                  "location": {
                    "reference": "Organization/89-MU3",
                    "display": "RADYSANS MU STAGE THREE PRACTICE"
                  },
                  "reasonCode": [
                    {
                      "coding": [
                        {
                          "system": "http://snomed.info/sct",
                          "code": "82094008",
                          "display": "Nebulizer Therapy"
                        }
                      ],
                      "reasonReference": [
                        {
                          "reference": "ReasonReference/82094008",
                          "display": "Nebulizer Therapy"
                        }
                      ],
                      "focalDevice": [
                        {
                          "action": {
                            "coding": [
                              {
                                "system": "http://hl7.org/fhir/device-action",
                                "code": "704708004",
                                "display": "Cardiac resynchronization therapy implantable defibrillator - FDA"
                              }
                            ],
                            "manipulated": {
                              "reference": "Device/Viva™ Quad XT CRT-D DTBA1QQ"
                            }
                          }
                        }
                      ],
                      "fullUrl": "https://radyauth.mindgenix.net/Procedure/3",
                      "resource": {
                        "resourceType": "Procedure",
                        "id": "3",
                        "text": {
                          "status": "generated",
                          "div": "<div xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative with Details : </b> Procedure </p></div>"
                        }
                      }
                    }
                  ]
                }
              ]
            }
          ]
        }
      ]
    }
  ]
}
```

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```
[{"value":"3"}], "status":"completed", "code":{"coding":  
[{"system":"http://snomed.info/
```

```
sct", "code":"175135009"}], "text":"Introduction of cardiac pacemaker  
system via  
vein"}, {"subject":{"reference":"Patient/54", "display":"ALICE  
NEWMAN"}, {"performedDateTime":"2015-06-22", "performer":[{"actor":  
{"reference":"Practitioner/4", "display":"Albert Davis"}]}, {"location":  
{"reference":"Organization/89-MU3", "display":"RADYSANS MU STAGE THREE  
PRACTICE"}, {"reasonCode":[{"coding":[{"system":"http://snomed.info/  
sct", "code":"9454009", "display":"Introduction of cardiac pacemaker  
system via vein"}]}], "reasonReference":  
[{"reference":"ReasonReference/9454009", "display":"Introduction of  
cardiac pacemaker system via vein"}], "focalDevice":[{"action":  
{"coding":[{"system":"http://hl7.org/fhir/device-  
action", "code":"704708004"}], "text":"Cardiac resynchronization  
therapy implantable defibrillator - FDA"}, {"manipulated":  
{"reference":"Device/Viva™ Quad XT CRT-D DTBA1QQ"}]}]}]}
```

### 1.18 Provenance

URL: <https://ehrwebapi.cutecharts.com/radywebapi/Provenance?Patient=1>

**Parameter Input:**

- Patient
- Id

**Exception Handling:** The exceptions are handled using TRY and CATCH method.

**Sample Output:** {"resourceType":"Provenance","id":"1","text":{"status":"generated","div":"<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details : </b> Provenance </p></div>"},"target":[{"reference":"Patient/54"}, {"reference":"Location/4"}, {"reference":"Organization/89"}, {"reference":"Practitioner/4"}, {"reference":"PractitionerRole/4"}, {"reference":"Encounter/5"}, {"reference":"Allergy/2"}, {"reference":"Allergy/3"}, {"reference":"CarePlan/1"}, {"reference":"CareTeam/5"}, {"reference":"Condition/15"}, {"reference":"Condition/16"}, {"reference":"Condition/17"}, {"reference":"Condition/4"}, {"reference":"Condition/5"}, {"reference":"Device/1"}, {"reference":"DiagnosticReport/4"}, {"reference":"DocumentReference/71"}, {"reference":"DocumentReference/84"}, {"reference":"Goals/11"}, {"reference":"Immunization/31"}, {"reference":"Immunization/32"}, {"reference":"Immunization/33"}, {"reference":"MedicationRequest/3"}, {"reference":"MedicationRequest/4"}, {"reference":"MedicationRequest/5"}, {"reference":"Procedure/2"}, {"reference":"Procedure/3"}], "recorded":"2017-12-02T16:37:17+05:30", "agent":[{"type":{"coding":[{"system":"http://terminology.hl7.org/CodeSystem/provenance-participant-type", "code":"author", "display":"Author"}], "text":"Author"}, "who":{"reference":"Practitioner/4", "display":"Albert Davis"}, "onBehalfOf":{"reference":"Organization/89", "display":"RADYSANS MU STAGE THREE PRACTICE"}}, {"type":{"coding":[{"system":"http://hl7.org/fhir/us/core/CodeSystem/us-core-provenance-participant-type", "code":"transmitter", "display":"Transmitter"}], "text":"Transmitter"}, "who":{"reference":"Practitioner/4", "display":"Albert Davis"}, "onBehalfOf":{"reference":"Organization/89", "display":"RADYSANS MU STAGE THREE PRACTICE"}}]}



# API Terms of Use

## **Introduction**

These are Radysans Inc Application Programming Interface (API) Terms of Use. When using our API you are bound to comply with these terms so please read these terms carefully before using our API. You can find more information about our API, such as how it works and what it can do, on our API webpage.

## **Section I: Acceptance of Terms**

We invite you to use our API. Please note that this invitation is subject to your review and agreement with this API Terms of Use agreement and certain other terms and conditions (collectively, the “API Terms” or “Agreement”). You are not required to agree to the API Terms. However, if you reject the API Terms, you do not have any right to use the API. If you use the API, you will be deemed to have accepted the API Terms and entered into a legally binding contract with Radysans Inc.

## **Acceptance on Behalf of an Organization.**

If you are developing on behalf of an organization, you agree to these API Terms for that organization and assure that you have authority to bind that organization and its parents, subsidiaries, and sister companies to these API Terms. In that case, “you” and “your” will refer to that organization, its parents, subsidiaries, and sister companies.





## **170.315(g)(10) Application Access – Patient Selection**

### **Section II: Licenses and Permissions**

#### **License to developer.**

Subject to and conditional upon your compliance at all times with these API Terms, Radysans Inc grants to you a limited, non-exclusive, non-transferable, non-sub licensable, revocable right during the Term (defined in the “Term, Termination and Survival” Section) to the following:

- Use the API to develop and distribute in a way that comply with the Terms and Conditions for use.

#### **Limitation.**

Except as expressly granted in these API Terms, neither party grants the other party any intellectual property rights or other proprietary rights.

### **Section III: Restrictions**

#### **General Restrictions.**

You agree that you will follow the restrictions set out below and will not encourage or facilitate others to violate these restrictions.

- Do not use the Radysans Inc API in any manner that is not expressly authorized in this Agreement.
- Do not misuse the API in any way, including (i) modifying, editing, disassembling, decompiling, reverse-engineering, or extracting source code.
- Do not use the API for any illegal or unauthorized purpose.

### **Section V: Access to the API**

#### **Enforcement of API Terms.**

We may enforce these API Terms against you, your application or Website if we conclude that your application or Website violates this Agreement or is negatively impacting the API. We may or may not notify you in advance. Enforcement can include disabling your application, restricting your, and your application's, access to the API, requiring you to delete data, terminating our Agreement with you, or any other action that we deem appropriate.