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 *(**p**atient **m**aster **s**equence 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://radyauth.mindgenix.net/connect/authorize?

Input:

- response_type = code
- client_id = {CLIENT_ID}
- redirect_url = https://ehr.cutecharts.com/radysans-ehr/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

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API URL: https://ehr.cutecharts.com/radysans-oauth/connect/token

Input:

- grant_type = authorization code
- code = 6CCE52A52CE2126238DBFF016B7AE0ABC937264AFBF5E9A9DC32CA20AD832699
- redirect_url = https%3A%2F%2Fclient.example.org%2Fcb

Output: {
id_token:
"eyJhbGciOiJSUzI1NiIsImtpZCI6IjkzMEI2NjBDMTFFQTRBNDQwMUQ1MTZDRTZDNTE4QUYwODZCQ0Y1ODFSUzI1NiIsInR5cCI6IkpXVCIsIng1dCI6Imt3dG1EQkhxU2tRQjFSYk9iRkdLOElhODlZRSJ9.eyJuYmYiOjE2Njk3MTU5NTUsImV4cCI6MTY2OTcxNjI1NSwiaXNzIjoiaHR0cHM6Ly9yYWR5YXV0aC5taW5kZ2VuaXgubmV0IiwiYXVkIjoicmFkeVdlYiIsImlhdCI6MTY2OTcxNTk1NSwiYXRfaGFzaCI6InBjQ0VoM1F6aGh6bkhLb1VWWVhQWGciLCJzX2hhc2giOiJlanJCdzNsQXNWX2stOHpmRllSc3p3Iiwic2lkIjoiNjdEREMyQ0RCQUZGQTk1NUI0MzZENDBBNUQ4MDkwNjIiLCJzdWIiOiI1NCIsImF1dGhfdGltZSI6MTY2OTcxNTk1MCwiaWRwIjoibG9jYWwiLCJmaGlyVXNlciI6Imh0dHBzOi8vZWhyLmN1dGVjaGFydHMuY29tL3JhZHlzYW5zLXdlYmFwaS9QYXRpZW50LzU0IiwiYW1yIjpbInB3ZCJdfQ.kkwmYd2pog2aZ6mqTpD8-NiWmSLr5Xux-h9VJ-YxiwwIv_GbPavqEhRYto-qCeLGYG2H_IeCPaT6ZsrOIDrZRDV5zuRq7BnR2oPRSZRA4OCdSt2Nd7VrDHfT1Ib9wRQSXsZPXlbviB2fOiLvRPkS2U3CY6MotuTLQeUEMzpnTAfjYxY60nuBDL4uG1I5bz4fMrPV7zsrn3YLSRDbcK-R6UZ2GfhZhlJGGb2MW0vzKYNP1Zb9XvLmZOjn2967O4bGtmDUAIeI1V01C3H36MjZ7hEmwfxAwuDceSm9OQ_0wkFgGSem87tttP1-ZMkPbzn1PbAG3HfnEuote41nJHhDDg"

access_token:
eyJhbGciOiJSUzI1NiIsImtpZCI6IjkzMEI2NjBDMTFFQTRBNDQwMUQ1MTZDRTZDNTE4QUYwODZCQ0Y1ODFSUzI1NiIsInR5cCI6ImF0K2p3dCIsIng1dCI6Imt3dG1EQkhxU2tRQjFSYk9iRkdLOElhODlZRSJ9.eyJuYmYiOjE2Njk3MTU5NTUsImV4cCI6MTY2OTcxOTU1NSwiaXNzIjoiaHR0cHM6Ly9yYWR5YXV0aC5taW5kZ2VuaXgubmV0IiwiYXVkIjoicmFkeUFwaSIsImNsaWVudF9pZCI6InJhZHlXZWIiLCJzdWIiOiI1NCIsImF1dGhfdGltZSI6MTY2OTcxNTk1MCwiaWRwIjoibG9jYWwiLCJmaGlyVXNlciI6Imh0dHBzOi8vZWhyLmN1dGVjaGFydHMuY29tL3JhZHlzYW5zLXdlYmFwaS9QYXRpZW50LzU0IiwianRpIjoiNDdFRUJFN0ExN0VCRjJEODU1MDBBNUIzMjVDNzkzNkYiLCJzaWQiOiI2N0REQzJDREJBRkZBOTU1QjQzNkQ0MEE1RDgwOTA2MiIsImlhdCI6MTY2OTcxNTk1NSwic2NvcGUiOlsib3BlbmlkIiwiZmhpclVzZXIiLCJsYXVuY2giLCJsYXVuY2gvcGF0aWVudCIsInBhdGllbnQvUGF0aWVudC5yZWFkIiwicGF0aWVudC9NZWRpY2F0aW9uLnJlYWQiLCJwYXRpZW50L0FsbGVyZ3lJbnRvbGVyYW5jZS5yZWFkIiwicGF0aWVudC9DYXJlUGxhbi5yZWFkIiwicGF0aWVudC9DYXJlVGVhbS5yZWFkIiwicGF0aWVudC9Db25kaXRpb24ucmVhZCIsInBhdGllbnQvRGV2aWNlLnJlYWQiLCJwYXRpZW50L0RpYWdub3N0aWNSZXBvcnQucmVhZCIsInBhdGllbnQvRG9jdW1lbnRSZWZlcmVuY2UucmVhZCIsInBhdGllbnQvRW5jb3VudGVyLnJlYWQiLCJwYXRpZW50L0dvYWwucmVhZCIsInBhdGllbnQvSW1tdW5pemF0aW9uLnJlYWQiLCJwYXRpZW50L0xvY2F0aW9uLnJlYWQiLCJwYXRpZW50L01lZGljYXRpb25SZXF1ZXN0LnJlYWQiLCJwYXRpZW50L01lZGljYXRpb25TdGF0ZW1lbnQucmVhZCIsInBhdGllbnQvTmVlZGxlRGlhZ25vc3RpYy5yZWFkIiwicGF0aWVudC9PYnNlcnZhdGlvbi5yZWFkIiwicGF0aWVudC9Pcmdhbml6YXRpb24ucmVhZCIsInBhdGllbnQvUGF0aWVudC5yZWFkIiwicGF0aWVudC9QZXJmb3JtZXIucmVhZCIsInBhdGllbnQvUHJhY3RpdGlvbmVyLnJlYWQiLCJwYXRpZW50L1Byb2NlZHVyZS5yZWFkIiwicGF0aWVudC9Qcm92ZW5hbmNlLnJlYWQiLCJwYXRpZW50L1NwZWNpbWVuLnJlYWQiLCJwYXRpZW50L1N1YnN0YW5jZS5yZWFkIiwicGF0aWVudC9TeXN0ZW1JbXBvcnRhbmNlLnJlYWQiLCJwYXRpZW50L1RhcmdldC5yZWFkIiwicGF0aWVudC9UZXN0UmVwb3J0LnJlYWQiLCJwYXRpZW50L1Rlc3RTY3JpcHQucmVhZCIsInBhdGllbnQvVmFjY2luZVByb2R1Y3QucmVhZCIsInBhdGllbnQvVmFjY2luZVJlYWN0aW9uLnJlYWQiLCJwYXRpZW50L1ZhbHVlU2V0LnJlYWQiLCJwYXRpZW50L1Zpc2lvblByZXNjcmlwdGlvbi5yZWFkIiw

50L09ic2VydmF0aW9uLnJlYWQiLCJwYXRpZW50L09yZ2FuaXphdGlvbi5yZWFkIiwicGF0aWVud
C9QcmFjdGl0aW9uZXIucmVhZCIsInBhdGllbnQvUHJvY2VkdXJlLnJlYWQiLCJwYXRpZW50L1B
yb3ZlbmFuY2UucmVhZCIsInBhdGllbnQvUHJhY3RpdGlvbmVyUm9sZS5yZWFkIiwib2ZmbGluZV
9hY2Nlc3MiXSwiYW1yIjpbInB3ZCJdfQ.elovL0b6zwrUi9VHooF8CcSI4ZQQ91JugEjE7QG90L3Jq
qarkXRyOV0PpEXK9KH6SmsiffbZ9aKfml9hbPFD0S7TWxn3CjGB2oWbDriXa9pE7SC3Il1mqrNz
w3MSSOEbuG5orFpUXEubI4SPLeJgaJ6-
H4RTNWhCE_xx2n40AHpnU5weU2m_neglXJgJ499wpOxe8MNBFpx9N1hditNlINmGoLivz8rL_Y
A4BobclGZNEKZzL_TUi5RHVhmzs5ZBN5bFzO83YOuurVIO-N6th9xhGSy-
oI9Yc_utsOjZNMdaZjGotGfpXgqLCHQsQBt4x0sH47hFxKq_SKFTRnCCZQ"

expires_in: 3600
token_type: “Bearer”
refresh_token:”DAED5A4B5C61DD3CEF1E3187E5AFC1D24E03943F9FF4A07B22E54091DA491
D3D”
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://radyauth.mindgenix.net/ehrApp/smart-style-url"
}

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Function Names/ API Calls available:

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

Practitioner Role	https://ehr.cutecharts.com/radysans-webapi/PractitionerRole	Specialty, Practitioner
Procedure	https://ehr.cutecharts.com/radysans-webapi/Procedure	Status, Patient, Date, Code
Provenance	https://ehr.cutecharts.com/radysans-webapi/Provenance	Patient, Id

1.1 AllergyIntolerance

URL: https://ehr.cutecharts.com/radysans-webapi/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":"allerg
y","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-
```

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":"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://ehr.cutecharts.com/radysans-webapi/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://ehr.cutecharts.com/radysans-webapi/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"}],"member":{"reference":"Patient/54","display":"NEWMAN,
ALICE"}},{"role":[{"coding":[{"system":"http://terminology.hl7.org/
CodeSystem/diagnosis-
role","code":"4","display":"adviser"}],"text":"adviser"}],"member":
{"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://ehr.cutecharts.com/radysans-webapi/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":
```

{"versionId":"16","lastUpdated":"2022-11-16T10:42:03.4881211+05:30","source":"54NEWAL0000056","profile":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"]},"text":{"status":"generated","div":"<div xmlns=\"http://www.w3.org/1999/xhtml\"> Generated Narrative with Details : Condition "},"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-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":"236578006","display":"Kidney transplant rejection"}]},"code":{"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":["http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"]},"text":{"status":"generated","div":"<div xmlns=\"http://www.w3.org/1999/xhtml\"> Generated Narrative with Details : Condition "},"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-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":"59621000","display":"Essential (primary)

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\"> Generated Narrative with
Details : Condition "},"identifier":
[{"value":"4"}],"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":"386661006","display":"Fever, unspecified"}]},"code":
{"coding":[{"system":"http://snomed.info/sct","code":"386661006","dis
play":"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\"> Generated Narrative with
Details : Condition "},"identifier":

[{"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-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":"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"}]}}]}}]}

1.5 Device

URL: https://ehr.cutecharts.com/radysans-webapi/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
pTM3RMYVhUdjYvYjVudHRIdHVNWkhhVzhKWEp2dTgvNEdOcDcyK05HeGhONWp2UG5Ibjh
0SW51Ym40ZklmaUtqSFozNStmdGgxYk00OWc0L2RwYU9mV3JPbk1rN1g4Mjk0NDkvY2lP
ZnpjanJGWC9GVjczZjRzZmRleFdkdjhmT3ZCOUcxN1Q0RlcvK1drZk93OHVmRFFCdUp6O
EF5QThBOGdNQThnT0EvQUNBL0FBZ1B3QWdQd0RJRHdESUR3RHlBNEQ4QUlEOEFDQS9BQ0
EvQU1nUEFNZ1BBUElEQVBJRGdQd0FJRDhBSUQ4QXlBOEF5QThBOGdNQThnT0EvQUNBL0F
BZ1B3RElEd0RJRHdEeUF3RHlBNEQ4QUlEOEFDQS9BQ0EvQU1nUEFQSURBUElEZ1B3QWdQ
d0FJRDhBSUQ4QXlBOEF5QThBOGdPQS9BQ0EvQUFnUHdBZ1B3RElEd0RJRHdEeUF3RHlBN
EQ4QUNBL0FDQS9BTWdQQU1nUEFQSURBUElEZ1B3QWdQd0FJRDhBeUE4QXlBOEE4Z01BOG
dPQS9BQ0EvQUFnUHdBZ1B3RElEd0R5QXdEeUE0RDhBSUQ4QUNBL0FDQS9BTWdQQU1nUEF
QSURnUHc0QlFESUR3RHlBd0R5QTREOEFJRDhBQ0EvQUNBL0FNZ1BBTWdQQVBJRGdQd0Fn
UHdBSUQ4QUlEOEFmSnVVYzNZV0FERDdBVUIrQU9BQ2Y1MENycEJTcW02NWRKbjNkYmdEa
HlqSGVXYUVLUzFieDE0MXBBZWZBc2dQVDdyeldwWnpib08zZDV5ZmMvMzl3Q0hCY2hiZl
lHWERQbWRJWVBZRFcvZHYrZmV2M2VXbTkzcGErYkR5Y2p5LzRwOWN3aG9OYWZSemRaVEp
NOW8xcFBZbzVlYWpFeEkvZXZka1ByWDZoL3pBc3RnRU85RnRVdG1lcWtEZERZUDdQSlBK
NEJ5bHUvbXVmWGFMTWlwMzlaajQwYnR0TzNucVFINTRYbnZaNm9aazE5WHRHeStGQjhiY
1ZtZTBrLy91UEhoMHEzeklENy9mcFBsUzFmSzUxOExOMjluWTFVT3FnbjFQbTNVSStlRU
h0Yk9mZHJYbnFUbkgxZE9zaFYvc3ZyUVFWdHU0aDIrKzhVQjd0cU9yUGNjdXU4R3RSbk9
```

hNmwveEIvNlR0SHhJVnp4M015SE1mdmlkMkVUK3BwNTNxTnBxL2tXdjk3SmV0Yy9nZCtS
R2FReHVQai82MmlITjV5N0JvMWNucy95cW9aa1FkMXdpdkwzNHhza1Q4TzBzdmdGZzlnT
0EyUThBeUE4QXYrTWZKakpxNXcrMDZrY0FBQUFBU1VWT1JLNUNZSUk9","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://ehr.cutecharts.com/radysans-webapi/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,
```

cannot rule out Anemia. Other tests are required to determine the presence or absence of Anemia.","display":"-"}],"presentedForm":[{"contentType":"text/plain","data":"Q2pFNU5URXRNRGt0TURRS0NpTWdRMmhwWldZZ1EyOXRjR3hoYVc1MENrNXZJR052YlhCc1lXbHVkSE11Q2dvaklFaHBjM1J2Y25rZ2IyWWdVSEpsYzJWdWRDQkpiR3h1WlhOekNreDFZMmxsYmpRd09DQnBjeUJoSURFeElIbGxZWEl0YjJ4a0lHNXZiaTFvYVhOd1lXNXBZeUIzYUdsMFpTQnRZV3hsTGlCUVlYUnBaVzUwSUdoaGN5QmhJR2hwYzNSdmNua2diMllnYjNScGRHbHpJRzFsWkdsaExDQmhZM1YwWlNCMmFYSmhiQ0J3YUdGeWVXNW5hWFJwY3lBb1pHbHpiM0prWlhJcExDQm1jbUZqZEhWeVpTQnZaaUJqYkdGMmFXTnNaUzRLQ2lNZ1UyOWphV0ZzSUVocGMzUnZjbmtLSUZCaGRHbGxxibFnYUdGeklHNWxkbVZ5SUhOdGIydGxaQ0JoYm1RZ2FYTWdZVzRnWVd4amIyaHZiR2xqTGdvS1VHRjBhV1Z1ZENCamIyMWxjeUJtY205dElHRWdhR2xuYUNCemIyTnBiMlZqYjI1dmJXbGpJR0poWTJ0bmNtOTFibVF1SUZCaGRHbGxxiblFnWTNWeWNtVnVkR3g1SUdoaGN5QkNiSFZsSUVOeWIzTnpJRUpzZFdVZ1UyaHBaV3hrTGdvS0l5QkJiR3hsY21kcFpYTUtUbThnUzI1dmQyNGdRV3hzWlhKbmFXVnpMZ29LSXlCTlpXUnBZMkYwYVc5dWN3cHdaVzVwWTJsc2JHHbHVJR2NnTXpjMUlHMW5MMjFzSUdsdWFtVmpkR0ZpYkdVZ2MyOXNkWFJwYjI0N0lHRnpjR2x5YVc0Z09ERWdiV2NnYjNKaGJDQjBZV0pzWlhRS0NpTWdRWE56WlhOemJXVnVkQ0JoYm1RZ1VHeGhiZ3BRWVhScFpXNTBJR2x6SUhCeVpYTmxiblJwYm1jZ2QybDBhQ0IyYVhKaGJDQnphVzUxYzJsMGFYTWdLR1JwYzI5eVpHVnlLUzRnQ2dvakl5QlFiR0Z1Q2dwVWFHVWdabTlzYkc5M2FXNW5JSEJ5YjJOObFpIVnlaWE1nZDJWeVpTQmpiMjVrZFdOMFpXUTZDaTBnYldWa2FXTmhkR2x2YmlCeVpXTnZibU5wYkdsaGRHbHZiaUFvY0hKdlkyVmtkWEpsS1FwVWFHVWdjR0YwYVdWdWRDQjNZWE1nY0hKbGMyTnlhV0psWkNCMGFHVWdabTlzYkc5M2FXNW5JRzFsWkdsallYUnBiMjV6T2dvdElHRnRiM2hwWTJsc2JHHbHVJREkxTUNCdFp5QXZJR05zWVhaMWJHRnVZWFJsSURFeU5TQnRaeUJ2Y21Gc0lIUmhZbXhsZEFvPQ=="}]}}]}

1.7 DocumentReference

URL: https://ehr.cutecharts.com/radysans-webapi/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-
```

Confidentiality","code":"N","display":"normal"}],"text":"normal"}],"content":[{"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\"> Generated Narrative with Details : Document Reference "},"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":"Albert 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-

Confidentiality","code":"N","display":"normal"}],"text":"normal"}],"c
ontent":[{"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://ehr.cutecharts.com/radysans-webapi/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\"> Description: :
Encouter "},"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://termi
nology.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":

{"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://ehr.cutecharts.com/radysans-webapi/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://ehr.cutecharts.com/radysans-webapi/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:1.3.6.1.4.1.21367.200
5.3.7.1234"}],"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":"Mou
th"}],"text":"By mouth"},"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":"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\"> Generated Narrative with Details Immunization "},"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":"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":"OrganizationImmuno Inc"},"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 THREE PRACTICE"},"doseNumberString":"1","seriesDosesString":"1"}]}},{"fullUrl":"https://radyauth.mindgenix.net/Immunization/

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\"> Generated Narrative with
Details Immunization "},"identifier":
[{"system":"urn:ietf:rfc:3986","value":"urn:oid:1.3.6.1.4.1.21367.200
5.3.7.1234"}],"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://ehr.cutecharts.com/radysans-webapi/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":"Communit
y"}],"priority":"routine","reportedBoolean":true,"medicationCodeableC
oncept":{"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":
```

[{"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\"> Generated Narrative with
Details : Medication
Request "},"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":"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":

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

xmlns=\"http://www.w3.org/1999/xhtml\"> Generated Narrative with Details : Medication Request "},"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":"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://ehr.cutecharts.com/radysans-webapi/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://ehr.cutecharts.com/radysans-webapi/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\"> Generated Narrative with Details : Organization "},"identifier":[{"system":"https://github.com/synthetichealth/synthea","value":"89_MU3"},{"system":"http://hl7.org/fhir/sid/us-npi","value":"099999990"},{"system":"urn:oid:2.16.840.1.113883.4.7","value":"099999990"}],"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://ehr.cutecharts.com/radysans-webapi/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\"> Generated Narrative with Details Patient NEWMAN ALICE "},"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

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":"female","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"}]},"multipleBirthBoolean":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"}}}]}

1.15 Practitioner

URL: https://ehr.cutecharts.com/radysans-webapi/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\"> Generated Narrative with Details : Practitioner "},"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://ehr.cutecharts.com/radysans-webapi/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\"> Generated Narrative with
Details : Practitioner "},"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://ehr.cutecharts.com/radysans-webapi/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/8209400
8","display":"Nebulizer Therapy"}],"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"}}]}},
{"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>"},"identifier":
```

[{"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://ehr.cutecharts.com/radysans-webapi/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":"Transmit
ter"},"who":{"reference":"Practitioner/4","display":"Albert
Davis"},"onBehalfOf":{"reference":"Organization/89","display":"RADYSA
NS 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 in_formation 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.

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.