# Encounter API

## List Encounter API

The API to list encounters.

### URI

GET - /api/ehr/v1/encounters

### Sample cURL - Request

curl -i -X GET \
 'https://ehr.charmtracker.com/api/ehr/v1/encounters'

### Params

| Key Name | Type | Optional / Required | Description |
|---|---|---|---|
| member_id | Long | Optional | Provider Identifier |
| patient_id | Long | Optional | Patient Identifier |
| filter_by | String (Status.Signed \| Status.Unsigned \| Status.All) | Optional | Filter chart note (Default : Status.All) |
| facility_id | Long | Optional | Facility Identifier |
| approved_time_(greater_than \| less_than \| greater_equals \| less_equals ) | Long | Optional | Filter chart note with approved time |
| time_of_creation_(greater_than \| less_than \| greater_equals \| less_equals ) | Long | Optional | Filter chart note with time of creation |
| start_date | Date (YYYY-MM-DD) | Optional | Filter by encounter start date |
| end_date | Date (YYYY-MM-DD) | Optional | Filter by encounter end date |

| page | Integer | Optional | Page number |
|------|---------|----------|-------------|
| per_page | Integer | Optional | Encounters per page |
| sort_order | String (A \| D) | Optional | Sort ascending or descending |

## Sample Response

```
{
  "code": "0",
  "message": "success",
  "encounters": [
    {
      "encounter_id": "100001000000030151",
      "facility_id": "100001000000006054",
      "physician_id": "100001000000000101",
      "date": "2020-05-19 10:00:00",
      "appointment_mode": "In Person",
      "chart_type": "Brief",
      "encounter_title": "Test Consultancy",
      "is_approved": "true",
      "approved_time": 1589884833014,
      "time_of_creation": 1589884819475,
      "physician_name": "John Anton",
      "prefix": "Dr",
      "patient_name": "Mary Taylor",
      "date_of_birth": "1921-11-02",
      "patient_id": "100001000000005349",
      "gender": "female",
      "patient_record_id": "PAT0028",
      "is_silhouette": "true",
      "blood_group": "B+",
      "language": "English",
      "preferred_communication": "Email",
      "primary_phone": "Mobile Phone",
      "email": "mary.taylor@gmail.com",
```

```
        "home_phone": "4244322123",
        "mobile": "3242445243",
        "work_phone": "2331134442",
        "work_phone_extn": "222",
        "signed_member_id": "100001000000000101",
        "chief_complaints": "Back Pain Degenerative joint disease.\n",
        "is_file_for_review": "false",
        "is_paper_record": "false",
        "is_renewal": "false",
        "visit_name": "New Patient Visit",
"rcm_push_status": "Submitted",
"is_billing_needed": "true",
"referral_source": "Internet",
"referral_specific_source": "Web search"
      }
    ],
    "page_context": {
      "page": "1",
      "per_page": "50",
      "has_more_page": "false",
      "applied_filter": "Status.All"
    }
}
```

# Get Encounter API.

The API to get encounter data (For Quick, Brief, Comprehensive encounters).

## URI

GET - /api/ehr/v1/encounters/{encounter_id}

## Sample cURL - Request

```
curl -i -X GET \
 'https://ehr.charmtracker.com/api/ehr/v1/encounters/100001000000009298'
```

## Sample Response for Quick Encounter

```json
{
    "code": "0",
    "message": "success",
    "encounter": {
        "encounter_id": "100001000000009298",
        "facility_id": "100001000000005446",
        "chart_type": "Quick",
        "patient_id": "100001000000005393",
        "provider_id": "100001000000000101",
        "encounter_mode": "In Person",
        "encounter_date": "2020-06-09 04:29:00",
        "is_signed": "true",
        "is_html_content": "false",
        "is_allowed_to_sign_encounter": "true",
        "is_allowed_to_view_self_notes": "true",
        "notes": {
            "chief_complaints": "",
            "symptoms": "",
            "history_of_present_illness": "",
            "past_medical_history": "",
            "family_and_social_history": "",
            "review_of_systems": "",
            "nurse_notes": "",
            "physical_examination": "",
            "assessment_notes": "CONSULT NOTES",
            "self_notes": "",
            "diets": "",
            "life_style": "",
            "treatment_notes": "Treatment notes test",
            "instructions": "Instructions test",
            "follow_up_appointment": ""
        },
        "vital_entry": {
            "vital_entry_id": "",
```

```json
      "vitals": []
    },
    "annoted_images": [],
    "diagnoses": [
      {
        "patient_diagnosis_id": "100001000000009314",
        "diagnosis_id": "2000000379911",
        "start_date": "2020-06-09",
        "end_date": "",
        "status": "Active",
        "diagnosis_name": "Vertigo from infrasound, initial encounter",
        "diagnosis_code": "T75.23XA",
        "diagnosis_type": "ICD10",
        "notes": "diag notes"
      }
    ],
    "medications": [
      {
        "patient_medication_id": "100001000000009326",
        "generic_product_name": "Crocin",
        "drug_details_id": "100001000000009324",
        "trade_name": "Crocin",
        "directions": "1 - 3 - 3 - 3 - after food",
        "is_directions_edited": "false",
        "dispense": "20",
        "dispense_unit": "",
        "refill": "",
        "manufacturing_type": "",
        "substitute_generic": "true",
        "additional_notes": "test notes",
        "dosage_period": "2",
        "dosage_period_type": "Day(s)",
        "transmit_status": "",
        "sign_status": "1"
      }
    ],
```

```json
"supplements": [
    {
        "patient_supplement_id": "100001000000009342",
        "supplement_details_id": "100001000000009340",
        "supplement_name": "Paracetamol",
        "strength": "2",
        "dosage_form": "",
        "generic_supplement_name": "Paracetamol 2",
        "supplement_type": "Manufactured",
        "preparation": "",
        "manufacturer": "ABC",
        "route": "Oral",
        "date_of_entry": "2020-06-09",
        "status": "true",
        "manufacturer_id": "100001000000009330",
        "start_date": "2020-06-09",
        "end_date": "",
        "dosage": "2.0",
        "dosage_unit": "packet(s)",
        "frequency": "Twice a day",
        "intake_type": "With Lunch and Dinner",
        "route": "Oral",
        "duration_in_days": "2",
        "refills": "",
        "weaning_schedule": "Daily twice",
        "encounter_id": "100001000000009298",
        "comments": "No comments"
    }
],
"lab_order": {
    "order_id": "100001000000009386",
    "patient_id": "100001000000005393",
    "order_date": "2020-06-09",
    "encounter_id": "100001000000009298",
    "notes_to_lab": "",
    "intra_office_notes": "",
```

```
"order_tests": [
    {
        "order_test_id": "100001000000009388",
        "lab_record_id": "100001000000009366",
        "test_id": "100001000000009364",
        "test_type": "",
        "lab_id": "100001000000009362",
        "lab_name": "Basic Health Check",
        "test_name": "Blood Test",
        "test_code": "A1222",
        "specimen_condition_temperature": "",
        "profile_indicator": "false"
    }
]
},
"image_orders": [
    {
        "image_test": "Scan ",
        "image_type": "Brain",
        "image_type_id": "100001000000009862",
        "image_order_test_id": "100001000000009920",
        "image_test_id": "100001000000009864"
    }
],
"injections": [
    {
        "patient_injection_map_id": "100001000000009358",
        "injection_id": "100001000000009356",
        "injection_name": "TT",
        "is_administered": "true",
        "dosage": "2.0",
        "dosage_unit": "ml",
        "frequency": "4 times a day",
        "duration": "2",
        "duration_unit": "months",
        "intake_route": "Intravenous",
```

```
        "site": "Small Saphenous Vein - RF",
        "injection_lot_number": "21111",
        "date_of_expiry": "2056-06-14",
        "note_to_nurse": "Note to nurse",
        "comments": "Comments"
      }
    ],
    "vaccines": [
      {
        "patient_vaccine_map_id": "100001000000009348",
        "vaccine_name": "OPV",
        "vaccine_lot_number": "21111",
        "vaccine_manufacturer": "Armour",
        "is_administered": "true",
        "dosage": "2.0",
        "dosage_unit": "ml",
        "intake_route": "C38238",
        "site": "LG",
        "date_of_expiry": "2034-07-15",
        "vfc_eligibility": "V04",
        "administering_provider": "100001000000000101",
        "number_in_series": "1",
        "vis_shared": "false",
        "note_to_nurse": "Notes Test"
      }
    ],
    "handouts": [
      {
        "file_id": "100001000000009398",
        "file_name": "Phr_patient_2_EncounterDetails.pdf"
      }
    ],
    "addendums": [],
    "review_members": [
      {
        "member_id": ""
```

```
        }
    ],
    "follow_up": [
        {
            "recall_id": "100001000000009396",
            "recall_type": "Lab Tests",
            "recall_notes": "Lab test notes",
            "recall_time": "2",
            "recall_period": "after",
            "recall_timeunit": "weeks",
            "recall_date": "2020-06-23",
            "reminder_mode": "Email",
            "email_before": "1",
            "text_before": "",
            "voice_call_before": "",
            "email_sent_time": "",
            "text_sent_time": "",
            "voicecall_sent_time": "",
            "text_status": "",
            "voice_status": ""
        }
    ]
  }
}
```

## Sample Response for Brief Encounters

```
{
    "code": "0",
    "message": "success",
    "encounter": {
        "encounter_id": "100001000000009800",
        "facility_id": "100001000000005446",
        "chart_type": "Brief",
        "patient_id": "100001000000005393",
        "provider_id": "100001000000000101",
```

```json
"encounter_mode": "In Person",
"encounter_date": "2020-06-10 00:00:00",
"is_signed": "false",
"is_html_content": "false",
"is_allowed_to_sign_encounter": "true",
"is_allowed_to_view_self_notes": "true",
"notes": {
    "chief_complaints": "Chief Complaints Test",
    "symptoms": "Symptoms test",
    "history_of_present_illness": "",
    "past_medical_history": "",
    "family_and_social_history": "",
    "review_of_systems": "",
    "nurse_notes": "",
    "physical_examination": "Physical Examination test",
    "assessment_notes": "Assessment Note test",
    "self_notes": "",
    "diets": "",
    "life_style": "",
    "treatment_notes": "Treatment Notes",
    "instructions": "Instructions test",
    "follow_up_appointment": ""
},
"vital_entry": {
    "vital_entry_id": "100001000000009826",
    "vitals": [
        {
            "vital_name": "Weight",
            "vital_value": "211.0",
            "vital_unit": "lbs"
        },
        {
            "vital_name": "Weight",
            "vital_value": "33.0",
            "vital_unit": "ozs"
        },
```

```
{
    "vital_name": "Height",
    "vital_value": "4.0",
    "vital_unit": "ft"
},
{
    "vital_name": "Height",
    "vital_value": "5.0",
    "vital_unit": "ins"
},
{
    "vital_name": "BMI",
    "vital_value": "53.32",
    "vital_unit": ""
},
{
    "vital_name": "Temp",
    "vital_value": "32.0",
    "vital_unit": "C"
},
{
    "vital_name": "Systolic BP",
    "vital_value": "33.0",
    "vital_unit": "mmHg"
},
{
    "vital_name": "Diastolic BP",
    "vital_value": "22.0",
    "vital_unit": "mmHg"
},
{
    "vital_name": "Pulse Rate",
    "vital_value": "44.0",
    "vital_unit": "bpm"
},
{
```

```
                    "vital_name": "Pulse Pattern",
                    "vital_value": "Regular",
                    "vital_unit": ""
                },
                {
                    "vital_name": "Pulse Volume",
                    "vital_value": "Normal",
                    "vital_unit": ""
                }
            ]
        },
        "annoted_images": [],
        "diagnoses": [
            {
                "patient_diagnosis_id": "100001000000009810",
                "diagnosis_id": "2000000274179",
                "start_date": "2020-06-10",
                "end_date": "",
                "status": "Active",
                "diagnosis_name": "Inflammation (infection) of postprocedural bleb,
unspecified",
                "diagnosis_code": "H59.40",
                "diagnosis_type": "ICD10",
                "notes": "test notes"
            }
        ],
        "medications": [
            {
                "patient_medication_id": "100001000000009816",
                "generic_product_name": "Crocin",
                "drug_details_id": "100001000000009324",
                "trade_name": "Crocin",
                "directions": "1 - 3 - 3 - 3 - after food",
                "is_directions_edited": "false",
                "dispense": "",
                "dispense_unit": "",
```

```
            "refill": "",
            "manufacturing_type": "",
            "substitute_generic": "true",
            "additional_notes": "test notes",
            "dosage_period": "2",
            "dosage_period_type": "Day(s)",
            "transmit_status": "",
            "sign_status": "0"
        }
    ],
    "supplements": [
        {
            "patient_supplement_id": "100001000000009830",
            "supplement_details_id": "100001000000009340",
            "supplement_name": "Paracetamol",
            "strength": "2",
            "dosage_form": "",
            "generic_supplement_name": "Paracetamol 2",
            "supplement_type": "Manufactured",
            "preparation": "",
            "manufacturer": "ABC",
            "route": "Oral",
            "date_of_entry": "2020-06-09",
            "status": "true",
            "manufacturer_id": "100001000000009330",
            "start_date": "2020-06-10",
            "end_date": "",
            "dosage": "2.0",
            "dosage_unit": "packet(s)",
            "frequency": "Twice a day",
            "intake_type": "With Lunch and Dinner",
            "route": "Oral",
            "duration_in_days": "2",
            "refills": "",
            "weaning_schedule": "Daily twice",
            "encounter_id": "100001000000009800",
```

```json
          "comments": "No comments"
        }
    ],
    "lab_order": {
        "order_id": "100001000000009852",
        "patient_id": "100001000000005393",
        "order_date": "2020-06-10",
        "encounter_id": "100001000000009800",
        "notes_to_lab": "",
        "intra_office_notes": "",
        "order_tests": [
            {
                "order_test_id": "100001000000009854",
                "lab_record_id": "100001000000009372",
                "test_id": "100001000000009370",
                "test_type": "",
                "lab_id": "100001000000009362",
                "lab_name": "Basic Health Check",
                "test_name": "X-Ray",
                "test_code": "211",
                "specimen_condition_temperature": "",
                "profile_indicator": "false"
            }
        ]
    },
    "image_orders": [
        {
            "image_test": "Scan ",
            "image_type": "Brain",
            "image_type_id": "100001000000009862",
            "image_order_test_id": "100001000000009894",
            "image_test_id": "100001000000009864"
        }
    ],
    "injections": [
        {
```

```
            "patient_injection_map_id": "100001000000009844",
            "injection_id": "100001000000009356",
            "injection_name": "TT",
            "is_administered": "true",
            "dosage": "2.0",
            "dosage_unit": "mg/ml",
            "frequency": "Twice a day",
            "duration": "2",
            "duration_unit": "years",
            "intake_route": "Intradermal",
            "site": "Right Gluteal",
            "injection_lot_number": "23111",
            "date_of_expiry": "2052-06-06",
            "note_to_nurse": "notes test",
            "comments": "comments test"
        }
    ],
    "vaccines": [
        {
            "patient_vaccine_map_id": "100001000000009836",
            "vaccine_name": "Rotavirus",
            "vaccine_lot_number": "32222",
            "vaccine_manufacturer": "Aventis Behring L.L.C.",
            "is_administered": "true",
            "dosage": "2.0",
            "dosage_unit": "ml",
            "intake_route": "C38276",
            "site": "LG",
            "date_of_expiry": "2055-06-07",
            "vfc_eligibility": "V04",
            "administering_provider": "100001000000000101",
            "number_in_series": "1",
            "vis_shared": "false",
            "note_to_nurse": "test notes"
        }
    ],
```

```
    "handouts": [
        {
            "file_id": "100001000000009868",
            "file_name": "Phr_patient_2_EncounterDetails.pdf"
        }
    ],
    "addendums": [],
    "review_members": [
        {
            "member_id": "100001000000005474"
        }
    ],
    "follow_up": [
        {
            "recall_id": "100001000000009866",
            "recall_type": "Procedures",
            "recall_notes": "Test notes",
            "recall_time": "1",
            "recall_period": "after",
            "recall_timeunit": "weeks",
            "recall_date": "2020-06-17",
            "reminder_mode": "Email",
            "email_before": "1",
            "text_before": "",
            "voice_call_before": "",
            "email_sent_time": "",
            "text_sent_time": "",
            "voicecall_sent_time": "",
            "text_status": "",
            "voice_status": ""
        }
    ]
    }
}
```

## Sample Response for Comprehensive Encounter

```json
{
    "code": "0",
    "message": "success",
    "encounter": {
        "encounter_id": "100001000000011020",
        "facility_id": "100001000000005446",
        "chart_type": "Comprehensive",
        "patient_id": "100001000000005393",
        "provider_id": "100001000000000101",
        "encounter_mode": "Phone call",
        "encounter_date": "2020-06-08 00:00:00",
        "is_signed": "true",
        "is_html_content": "true",
        "is_allowed_to_sign_encounter": "true",
        "is_allowed_to_view_self_notes": "true",
        "notes": {
            "chief_complaints": "<div>Chief Complaints test</div>",
            "symptoms": "<div>Symptoms test</div>",
            "history_of_present_illness": "<div>History of Present Illness Test</div>",
            "past_medical_history": "<div>Past Medical History test</div>",
            "family_and_social_history": "<div>Family and Social History test</div>",
            "review_of_systems": "<div>Review of Systems test</div>",
            "nurse_notes": "<div>Test nurse notes</div>",
            "physical_examination": "<div>Physical Examination test</div>",
            "assessment_notes": "<div>Assessment Notes test</div>",
            "self_notes": "<div>Test Self Notes</div>",
            "diets": "<div>Diets test</div>",
            "life_style": "<div>Lifestyle test</div>",
            "treatment_notes": "<div>Test Treatment Notes</div>",
            "instructions": "<div>Instructions test</div>",
            "follow_up_appointment": ""
        },
        "vital_entry": {
            "vital_entry_id": "100001000000011142",
```

```json
"vitals": [
  {
    "vital_name": "Weight",
    "vital_value": "211.0",
    "vital_unit": "lbs"
  },
  {
    "vital_name": "Weight",
    "vital_value": "33.0",
    "vital_unit": "ozs"
  },
  {
    "vital_name": "Height",
    "vital_value": "5.0",
    "vital_unit": "ft"
  },
  {
    "vital_name": "Height",
    "vital_value": "5.0",
    "vital_unit": "ins"
  },
  {
    "vital_name": "BMI",
    "vital_value": "35.45",
    "vital_unit": ""
  },
  {
    "vital_name": "Temp",
    "vital_value": "32.0",
    "vital_unit": "C"
  },
  {
    "vital_name": "Systolic BP",
    "vital_value": "23.0",
    "vital_unit": "mmHg"
  },
```

```
        {
            "vital_name": "Diastolic BP",
            "vital_value": "23.0",
            "vital_unit": "mmHg"
        },
        {
            "vital_name": "Pulse Rate",
            "vital_value": "22.0",
            "vital_unit": "bpm"
        },
        {
            "vital_name": "Pulse Pattern",
            "vital_value": "Regular",
            "vital_unit": ""
        },
        {
            "vital_name": "Pulse Volume",
            "vital_value": "Normal",
            "vital_unit": ""
        }
    ]
},
"annoted_images": [
    {
        "annoted_image_id": "100001000000011160",
        "file_id": "100001000000011158"
    }
],
"diagnoses": [
    {
        "patient_diagnosis_id": "100001000000011056",
        "diagnosis_id": "2000000303257",
        "start_date": "2020-06-08",
        "end_date": "",
        "status": "Active",
        "diagnosis_name": "Anal high risk human papillomavirus (HPV) DNA test
```

```
positive",
        "diagnosis_code": "R85.81",
        "diagnosis_type": "ICD10",
        "notes": "Test notes"
    }
],
"medications": [
    {
        "patient_medication_id": "100001000000011062",
        "generic_product_name": "Crocin",
        "drug_details_id": "100001000000009324",
        "trade_name": "Crocin",
        "directions": "1 - 3 - 3 - 3 - after food",
        "is_directions_edited": "false",
        "dispense": "",
        "dispense_unit": "",
        "refill": "",
        "manufacturing_type": "",
        "substitute_generic": "true",
        "additional_notes": "test notes",
        "dosage_period": "2",
        "dosage_period_type": "Day(s)",
        "transmit_status": "",
        "sign_status": "1"
    }
],
"supplements": [
    {
        "patient_supplement_id": "100001000000011066",
        "supplement_details_id": "100001000000009340",
        "supplement_name": "Paracetamol",
        "strength": "2",
        "dosage_form": "",
        "generic_supplement_name": "Paracetamol 2",
        "supplement_type": "Manufactured",
        "preparation": "",
```

```
          "manufacturer": "ABC",
          "route": "Oral",
          "date_of_entry": "2020-06-09",
          "status": "true",
          "manufacturer_id": "100001000000009330",
          "start_date": "2020-06-08",
          "end_date": "",
          "dosage": "2.0",
          "dosage_unit": "packet(s)",
          "frequency": "Twice a day",
          "intake_type": "With Lunch and Dinner",
          "route": "Oral",
          "duration_in_days": "2",
          "refills": "",
          "weaning_schedule": "Daily twice",
          "encounter_id": "100001000000011020",
          "comments": "No comments"
        }
    ],
    "lab_order": {
        "order_id": "100001000000011072",
        "patient_id": "100001000000005393",
        "order_date": "2020-06-08",
        "encounter_id": "100001000000011020",
        "notes_to_lab": "Note to lab test",
        "intra_office_notes": "Intra office notes",
        "order_tests": [
          {
            "order_test_id": "100001000000011074",
            "lab_record_id": "100001000000009378",
            "test_id": "100001000000009376",
            "test_type": "",
            "lab_id": "100001000000009362",
            "lab_name": "Basic Health Check",
            "test_name": "Scan",
            "test_code": "2311",
```

```json
                "specimen_condition_temperature": "",
                "profile_indicator": "false"
            }
        ]
    },
    "image_orders": [
        {
            "image_test": "Scan ",
            "image_type": "Brain",
            "image_type_id": "100001000000009862",
            "image_order_test_id": "100001000000011084",
            "image_test_id": "100001000000009864"
        }
    ],
    "injections": [
        {
            "patient_injection_map_id": "100001000000011112",
            "injection_id": "100001000000009356",
            "injection_name": "TT",
            "is_administered": "true",
            "dosage": "2.0",
            "dosage_unit": "mg",
            "frequency": "4 times a day",
            "duration": "2",
            "duration_unit": "months",
            "intake_route": "Intravenous",
            "site": "Internal Jugular Vein",
            "injection_lot_number": "32222",
            "date_of_expiry": "2063-06-07",
            "note_to_nurse": "Note to nurse",
            "comments": "Comments test"
        }
    ],
    "vaccines": [
        {
            "patient_vaccine_map_id": "100001000000011098",
```

```json
        "vaccine_name": "Pneumococcal conjugate PCV-13",
        "vaccine_lot_number": "21111",
        "vaccine_manufacturer": "Akorn, Inc",
        "is_administered": "true",
        "dosage": "3.0",
        "dosage_unit": "mg",
        "intake_route": "C38284",
        "site": "LLFA",
        "date_of_expiry": "2069-06-28",
        "vfc_eligibility": "V04",
        "administering_provider": "100001000000000101",
        "number_in_series": "3",
        "vis_shared": "false",
        "note_to_nurse": "Test notes"
      }
    ],
    "handouts": [
      {
        "file_id": "100001000000011116",
        "file_name": "Mary_Taylor_GrowthChart.pdf"
      }
    ],
    "addendums": [],
    "review_members": [
      {
        "member_id": ""
      }
    ],
    "follow_up": [
      {
        "recall_id": "100001000000011120",
        "recall_type": "Office Visit",
        "recall_notes": "Follow up visit with Dr. John Anton",
        "recall_time": "3",
        "recall_period": "after",
        "recall_timeunit": "weeks",
```

```
        "recall_date": "2020-06-29",
        "reminder_mode": "Email",
        "email_before": "1",
        "text_before": "",
        "voice_call_before": "",
        "email_sent_time": "",
        "text_sent_time": "",
        "voicecall_sent_time": "",
        "text_status": "",
        "voice_status": ""
      }
    ]
  }
}
```

# Export Chart Note as PDF API

The API to export chart note as PDF

## URI

GET - /api/ehr/v1/encounters/{encounter_id}/file

## Sample cURL - Request

curl -i -X GET \
 'https://ehr.charmtracker.com/api/ehr/v1/encounters/100003000000014001/file'

## Params

| Key Name | Type | Optional / Required | Description |
|----------|------|---------------------|-------------|
| member_id | Long | Optional | Provider Identifier |
| patient_id | Long | Required | Patient Identifier |

**Sample Response**

Chart Note PDF will be written to the output

# Export Chart Note as PDF API New Format

The API to export chart note as PDF in new format which includes rich text.

## URI

GET - /api/ehr/v1/encounter/{encounter_id}/pdf

## Sample cURL - Request

curl -i -X GET \
 'https://ehr.charmtracker.com/api/ehr/v1/encounter/100003000000014001/pdf'

## Sample Response

Chart Note PDF will be written to the output

# Create Encounter from Appointment API

The API to create encounter from Appointment

## URI

POST - /api/ehr/v1/appointments/{appointment_id}/encounter

## Form Data

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| data | JSONObject | Required | JSONObject of encounter details (refer "Table Encounter") |

## Table Encounter

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| chart_type | String (Quick \| Brief \| Comprehensive \| SOAP \| QuickRx) | Required | Chart Note type |

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/appointments/100001000000014707/enco
unter' \
  -H 'Authorization: Bearer xxx' \
  -H 'content-type: application/json' \
  -d '{
        "chart_type" : "Quick"
    }'
```

## Sample Response

```
{
   "code": "0",
   "message": "Encounter started successfully.",
   "encounter": {
      "encounter_id": "100001000000014707"
   }
}
```

# Create Encounter for a Patient (Without Prior Appointment) API

The API to create encounter for Patient without Appointment

## URI

POST - /api/ehr/v1/patients/{patient_id}/encounter

## Form Data

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| data | JSONObject | Required | JSONObject of encounter details (refer "Table Encounter") |

## Table Encounter

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| chart_type | String (Quick \| Brief \| Comprehensive \| SOAP \| QuickRx) | Required | Chart Note Type |
| provider_id | Long | Required | Provider Identifier (same as member_id) |
| encounter_mode | String (In Person \| Phone Call \| Video Consult) | Required | Appointment mode |
| date | Date (YYYY-MM-DD) | Required | Encounter date |
| time | Time (12 hr format) (Eg: 02:30 PM) | Optional | Encounter time |
| visittype_id | Long | Optional | Visit type Identifier |
| facility_id | Long | Optional | Facility Identifier |

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/patients/10000100000005687/encounter'
\
  -H 'Authorization: Bearer xxx' \
  -H 'content-type: application/json' \
  -d ' {
      "provider_id":10000100000000101,
      "chart_type":"Comprehensive",
```

```
    "encounter_mode":"In Person",
    "date":"2020-06-19",
    "time":"12:15 PM",
    "visittype_id":100001000000014727,
    "facility_id":100001000000000149
} '
```

## Sample Response

```
{
    "code": "0",
    "message": "Encounter started successfully.",
    "encounter": {
        "encounter_id": "100001000000014731"
    }
}
```

# Save Encounter API

The API to save data in the encounter

## URI

POST - /api/ehr/v1/patients/{patient_id}/encounters/{encounter_id}/save

## Form Data

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| data | JSONObject | Required | JSONObject of encounter data (refer "Table Encounter") |

## Table Encounter

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|

| chief_complaints | String | Optional | Chief Complaints |
|---|---|---|---|
| symptoms | String | Optional | Symptoms |
| physical_examination | String | Optional | Physical Exam |
| treatment_notes | String | Optional | Treatment Notes |
| self_notes | String | Optional | Self Notes |
| patient_notes | String | Optional | Instructions |
| lifestyle | String | Optional | Lifestyle notes |
| diets | String | Optional | Diet Notes |
| assessment_notes | String | Optional | Assessment Notes |
| psychotherapy_notes | String | Optional | Psychotherapy |
| followup_notes | String | Optional | Followup Notes |
| present_illness_history | String | Optional | HPI Notes |
| family_social_history | String | Optional | Family, Social Note |
| review_of_systems | String | Optional | ROS notes |
| past_medical_history | String | Optional | Past Medical notes |
| condition_related_to | String | Optional | Conditions related |
| accident_place | String | Optional | Accident detail |
| is_html | String (Yes/No) | Optional | HTML or plain data |

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/patients/1884000006864021/encounters/1
884000018206029/save' \
  -H 'Authorization: Bearer xxx' \
  -d '{
    "chief_complaints": "Patient Seen On: 13 Jan\nREFERRAL SOURCE: Doctor at
Stanford\nOTHERS PRESENT: None\nCHIEF COMPLAINT: Cold, Fever, Cough\nHPI:
TB",
    "symptoms": "What is the quality of pain?  Tension headaches, described as tight
squeezing pressures\nTriggers of headaches  Stress primarily for tension
headaches\nSymptoms accompanying headaches  Migraine, nausea",
    "physical_examination": "HEENT: normocephalic, atraumatic, conjunctiva-clear, no
jaundice noted, Good dentition\nDerm: Good color to skin and no rashes visible on
```

```
face, chest, arms and hands\nPsych: Normal judgment, insight, mood, affect.",
    "assessment_notes": "Blocked Regulation?  Yes\n ORGAN / AREA - BLOCKED
Regulation \n Teeth, Lymph in neck",
    "treatment_notes": "Posture, sleeping position, daily activities, work and
hobbies.\nStretching exercises demonstrated and written handout given.",
    "patient_notes": "Have prescriptions filled and take as directed",
    "is_html": "No"
}'
```

## Sample Response

```
{
    "code": "0",
    "message": "Encounter notes saved successfully"
}
```

# Sign Encounter API

The API to sign encounter

## URI

POST - /api/ehr/v1/patients/{patient_id}/encounters/{encounter_id}/sign

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/patients/100001000000005687/encounters
/100001000000014735/sign' \
  -H 'Authorization: Bearer xxx' \
```

## Sample Response

```
{
   "code": "0",
   "message": "Encounter signed successfully.",
   "encounter": {
      "encounter_id": "100001000000014735"
   }
}
```

# Get Handouts API

The API to get handouts file

## URI

POST - /api/ehr/v1/encounters/handouts/{file_id}

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/encounters/handouts/188400001860029'
\
  -H 'Authorization: Bearer xxx' \
```

## Sample Response

```
Handouts file will be written to the output
```

# Unlock Encounter API

The API to unlock signed encounter

## URI

POST - /api/ehr/v1/encounters/{encounter_id}/unlock

## Form Data

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| data | JSONObject | Required | JSONObject of encounter details (refer "Table Encounter") |

## Table Encounter

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| reason | String | Required | Reason for deletion |

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/encounters/10000100000001473/unlock' \
  -H 'Authorization: Bearer xxx' \
```

```
-H 'content-type: application/json' \
-d '{
        "reason":"Need to update the data"
    }'
```

## Sample Response

```
{
    "code": "0",
    "message": "Chart note unlocked successfully"
}
```

# Get Encounter API (for SOAP Encounter).

The API to get encounter details for unsigned SOAP consultation.

## URI

GET - /api/ehr/v1/soap/encounters/{encounter_id}

## Sample cURL - Request

```
curl -i -X GET \
 'https://ehr.charmtracker.com/api/ehr/v1/soap/encounters/100001000000011232'
```

## Sample Response for Unsigned SOAP Encounters

```
{
    "code": "0",
    "message": "success",
    "soap_encounter": {
        "templates": [
            {
                "template_id": "100001000000011002",
                "template_name": "my soap",
                "position": "1",
```

```
            "is_template_deleted": "false"
        }
    ],
    "entries": [
        {
            "entry_id": "100001000000009970",
            "entry_name": "SYMPTOMS",
            "entry_type": "Header",
            "entry_position": "0",
            "custom_text": "",
            "is_entry_deleted": "false",
            "answer": "SYMPTOMS",
            "is_answer_deleted": "false",
            "property_name": "PROPERTIES",
            "property_value": "font-size:18px^^text-align:left^^font-weight:700^^font-style:normal^^text-decoration:none solid rgb(31, 141, 205)",
            "entry_chart_section": "Symptoms",
            "chart_layout": "TWO_COLUMNS"
        },
        {
            "entry_id": "100001000000009972",
            "entry_name":
"Check1^^Check2^^>>Subcheck1^^>>Subcheck2^^Check3^^Check4^^",
            "entry_type": "Check List",
            "entry_position": "1",
            "custom_text": "${answer}",
            "is_entry_deleted": "false",
            "answer": "Check2^^>>Subcheck2",
            "is_answer_deleted": "false",
            "property_name": "DEFAULT_VALUE",
            "property_value": "Check2^^>>Subcheck2",
            "entry_chart_section": "Symptoms",
            "chart_layout": "TWO_COLUMNS"
        },
        {
            "entry_id": "100001000000009974",
```

```json
        "entry_name": "Symptoms simple question",
        "entry_type": "Simple Question",
        "entry_position": "2",
        "custom_text": "${question} ${answer}",
        "is_entry_deleted": "false",
        "answer": "Test question answer",
        "is_answer_deleted": "false",
        "property_name": "OPTIONS",
        "property_value": "MULTILINE:true",
        "entry_chart_section": "Symptoms",
        "chart_layout": "TWO_COLUMNS"
    },
    {
        "entry_id": "100001000000009976",
        "entry_name": "Rating scale",
        "entry_type": "Rating Scale",
        "entry_position": "3",
        "custom_text": "${question} ${answer}",
        "is_entry_deleted": "false",
        "answer": "8",
        "is_answer_deleted": "false",
        "property_name": "OPTIONS",
        "property_value": "1^^10",
        "entry_chart_section": "Symptoms",
        "chart_layout": "TWO_COLUMNS"
    },
    {
        "entry_id": "100001000000009978",
        "entry_name": "INSTRUCTIONS",
        "entry_type": "Header",
        "entry_position": "0",
        "custom_text": "",
        "is_entry_deleted": "false",
        "answer": "INSTRUCTIONS",
        "is_answer_deleted": "false",
        "property_name": "PROPERTIES",
```

```json
            "property_value": "font-size:17px^^text-align:left^^font-weight:700^^font-
style:italic^^text-decoration:underline solid rgb(31, 141, 205)",
            "entry_chart_section": "Instructions",
            "chart_layout": "TWO_COLUMNS"
        },
        {
            "entry_id": "100001000000009980",
            "entry_name": "Ins yes no questions",
            "entry_type": "Yes/No Question",
            "entry_position": "1",
            "custom_text": "${question} Yes^^${question} No",
            "is_entry_deleted": "false",
            "answer": "No^^COMMENT_FOR_NO_Test no comments",
            "is_answer_deleted": "false",
            "property_name": "ADDITIONAL_COMMENT_FOR_YES",
            "property_value": "false",
            "entry_chart_section": "Instructions",
            "chart_layout": "TWO_COLUMNS"
        },
        {
            "entry_id": "100001000000009982",
            "entry_name": "INS notes",
            "entry_type": "Text Box",
            "entry_position": "2",
            "custom_text": "${answer}",
            "is_entry_deleted": "false",
            "answer": "INS notes\nhello\nhi",
            "is_answer_deleted": "false",
            "property_name": "",
            "property_value": "",
            "entry_chart_section": "Instructions",
            "chart_layout": "TWO_COLUMNS"
        },
        {
            "entry_id": "100001000000009984",
            "entry_name": "[[{\"type\":\"label\",\"value\":\"INS
```

table1\",\"colspan\":\"1\"},{\"type\":\"label\",\"value\":\"INS table2\",\"colspan\":\"1\"}],[{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"},{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"}],[{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"},{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"}],[{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"},{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"}]]",
          "entry_type": "Table",
          "entry_position": "3",
          "custom_text": "${answer}",
          "is_entry_deleted": "false",
          "answer": "[[{\"type\":\"label\",\"value\":\"INS table1\",\"colspan\":\"1\"},{\"type\":\"label\",\"value\":\"INS table2\",\"colspan\":\"1\"}],[{\"type\":\"text\",\"value\":\"value1\",\"colspan\":\"1\"},{\"type\":\"text\",\"value\":\"Value2\",\"colspan\":\"1\"}],[{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"},{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"}],[{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"},{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"}]]",
          "is_answer_deleted": "false",
          "property_name": "DEFAULT_VALUE",
          "property_value": "[[{\"type\":\"label\",\"value\":\"INS table1\",\"colspan\":\"1\"},{\"type\":\"label\",\"value\":\"INS table2\",\"colspan\":\"1\"}],[{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"},{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"}],[{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"},{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"}],[{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"},{\"type\":\"text\",\"value\":\"\",\"colspan\":\"1\"}]]",
          "entry_chart_section": "Instructions",
          "chart_layout": "TWO_COLUMNS"
      },
      {
          "entry_id": "100001000000009986",
          "entry_name": "100001000000009958",
          "entry_type": "Image",
          "entry_position": "4",
          "custom_text": "${answer}",
          "is_entry_deleted": "false",
          "answer": "100001000000011348",
          "is_answer_deleted": "false",
          "property_name": "OPTIONS",

```
            "property_value": "brain",
            "entry_chart_section": "Instructions",
            "chart_layout": "TWO_COLUMNS"
        }
    ]
  }
}
```

# Adding template to SOAP Encounter API

The API to add template to the soap encounter

## URI

POST - /api/ehr/v1/soap/encounters/{encounter_id}/template

## Form Data

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| data | JSONObject | Required | JSONObject of template data (refer "Table Template") |

## Table Template

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| template_id | Long | Optional | Template ID |
| position | integer | Optional | Position of the template |

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/soap/encounters/1884000018048047' \
```

```
 -H 'Authorization: Bearer xxx' \
 -d '{
   "template_id": "1884000003413623",
   "position": "2"
}'
```

## Sample Response

```
{
    "code": "0",
    "message": "Soap template added successfully."
}
```

# Deleting template from SOAP Encounter API

The API to delete template from the soap encounter

## URI

DELETE - /api/ehr/v1/soap/encounters/{encounter_id}/template

## Form Data

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| data | JSONObject | Required | JSONObject of template data (refer "Table Template") |

## Table Template

| Key Name | Type | Optional/Required | Description |
|---|---|---|---|
| template_id | Long | Optional | Template ID |

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/soap/encounters/1884000018048047' \
 -H 'Authorization: Bearer xxx' \
 -d '{
   "template_id": "1884000003413623"
}'
```

**Sample Response**

```
{
    "code": "0",
    "message": "Soap template deleted successfully."
}
```

**Save SOAP Encounter API**

The API to save data in the soap encounter

## URI

POST - /api/ehr/v1/soap/encounters/{encounter_id}

## Form Data

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| data | JSONObject | Required | JSONObject of encounter data (refer "Table Encounter") |

## Table Encounter

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| chief_complaints | String | Optional | Chief Complaints |
| entries | JSONObject | Optional | JSONObject of the data (refer "Entries table) |

## Table Entries

| Key Name | Type | Optional/Required | Description |
|----------|------|-------------------|-------------|
| entry_id | Long | Optional | Entry Id of Template |
| answer | String | Optional | Answer of the template entry |

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/soap/encounters/1884000018048047' \
  -H 'Authorization: Bearer xxx' \
  -d '{
    "chief_complaints": "Patient Seen On: 13 Jan\nREFERRAL SOURCE: Doctor at
Stanford\nOTHERS PRESENT: None\nCHIEF COMPLAINT: Cold, Fever, Cough\nHPI:
TB",
    "entries": "[ {'entry_id':'1884000009343065','answer':'Primary Symptoms
:'},{'entry_id':'1884000009343067','answer':'Vomiting
sensation:^^>>Yes^^Dizziness^^>>Yes'},{'entry_id':'1884000009343073','answer':'3'},{'en
try_id':'1884000009343077','answer':'Notes : Need to take some tests and diagnose'} ]"
}'
```

## Sample Response

```
{
    "code": "0",
    "message": "Soap note saved successfully."
}
```

## Change Encounter Provider API

The API to change the provider of an encounter

## URI

POST - /api/ehr/v1/encounter/{encounter_id}/provider

| Param Name | | Optional/Required | Description |
|---|---|---|---|
| member_id | Long | Required | Member Id |

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/encounter/1884000018048047/provider?member_id=100014000000000117' \
  -H 'Authorization: Bearer xxx'
```

## Sample Response

```
{
    "code": "0",
    "message": "Provider changed successfully"
}
```

## Change Encounter Visit Type API

The API to change the visit type of an encounter

## URI

POST - /api/ehr/v1/encounter/{encounter_id}/visit_type

## Params

| Param Name | Type | Optional/Required | Description |
|---|---|---|---|
| visittype_id | Long | Required | Visit Type Id |

## Sample cURL - Request

```
curl -X POST \
'https://ehr.charmtracker.com/api/ehr/v1/encounter/1114000018048047/visit_type?visittype_id=100014000000001117' \
  -H 'Authorization: Bearer xxx'
```

## Sample Response

```
{
    "code": "0",
    "message": "Visit Type changed successfully"
}
```