**TÀI LIỆU HƯỚNG DẪN TÍCH HỢP CS**

**Tài khoản kiểm thử hệ thống:**

UserName: test

Password: test@123

SystemId: test

### Hàm lấy phiên làm việc.

#### Mô tả.

|  |  |
| --- | --- |
| Request URL | http://csapi.globits.net:8069/receive/oauth/token |
| Request Method | POST |
| Request Header | Content-Type: application/x-www-form-urlencoded  Authorization: Basic Y29yZV9jbGllbnQ6c2VjcmV0 |
| Form data | Dạng raw input:  client\_id={client}&grant\_type=password&client\_secret={ secret }  &username={ username }&password={password } |

#### Thông điệp yêu cầu.

|  |  |  |  |
| --- | --- | --- | --- |
| Dữ liệu đầu vào | Tên Field | Kiểu dữ liệu | Ghi chú |
| Tên đăng nhập | username | Chuỗi ký tự | Tên đăng nhập vào hệ thống được cấp |
| Mật khẩu | password | Chuỗi ký tự | Mật khẩu đăng nhập vào hệ thống được cấp |

#### Thông điệp trả lời.

**Trường hợp lỗi:**

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status:401 | Unauthorized: Lỗi xác thực |

**Trường hợp thành công:**

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status | 200 |
| Header Content-Type | application/json;charset=UTF-8 |
| Json data | Trả về là một object Json bao gồm các thuộc tính sau:  {  "access\_token":"{ access\_token }",  "token\_type":"bearer",  "refresh\_token":"{refresh\_token}",  "expires\_in":{thời gian expires},  "scope":"read write delete",  "organization":"{cơ sở user này trực thuộc}"  }  Note: {access\_token} sẽ sử dụng trong các hàm được mô tả ở phần sau của tài liệu |

### Hàm gửi dữ liệu CS cho 1 bản ghi.

#### Mô tả.

|  |  |
| --- | --- |
| Request URL | http://csapi.globits.net:8069/ receive/api/case\_report |
| Request Method | POST |
| Request Header | Accept: application/json  Authorization: Bearer { access\_token }  Content-Type: application/json  Note: {access\_token} là token lấy được từ hàm login |
| Form data | Dạng JSON của:  HivCaseReportDto  Đặc tả chi tiết về **HivCaseReportDto** có thể xem ở mục 2.2 |

#### Thông điệp yêu cầu.

Đặc tả của Object được post lên:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tên trường** | **Kiểu dữ liệu** | **Định dạng** | **Ý nghĩa** | **Ghi chú** |
| title | String |  |  |  |
| instructions | String |  |  |  |
| facilityId | String |  |  |  |
| reportDate | Date | milisecond |  |  |
| systemId | String |  |  |  |
| patientDto | Object |  |  |  |
| patientDto.caseId | String |  |  |  |
| patientDto.facility | Object |  |  |  |
| patientDto.facility.code | String |  |  |  |
| patientDto.facility.display | Enum Giá trị các bộ enum trong bảng Hệ thống tích hợp |  |  |  |
| patientDto.facility.definition |  |  |  |  |
| patientDto.hivInfoCaseId |  |  |  |  |
| patientDto.name | String |  |  |  |
| patientDto.lastName | String |  |  |  |
| patientDto.firstName | String |  |  |  |
| patientDto.birthDate | Date | milisecond |  |  |
| patientDto.ethnicity | Object |  |  |  |
| patientDto.ethnicity.code | Enum Giá trị các bộ enum trong bảng Bộ dữ liệu các dân tộc |  |  |  |
| patientDto.ethnicity.display |  |  |  |  |
| patientDto.ethnicity.definition |  |  |  |  |
| patientDto.arvNumber | String |  |  |  |
| patientDto.nationalID12 | String |  |  |  |
| patientDto.nationalID9 | String |  |  |  |
| patientDto.insuranceNumber | String |  |  |  |
| patientDto.insuranceExpDate | Date | milisecond |  |  |
| patientDto.passportNumber | String |  |  |  |
| patientDto.driverLicense | String |  |  |  |
| patientDto.currentAddress | Object |  |  |  |
| patientDto.currentAddress.text | String |  |  |  |
| patientDto.currentAddress.line | String |  |  |  |
| patientDto.currentAddress.cityName | String |  |  |  |
| patientDto.currentAddress.cityCode | String |  |  |  |
| patientDto.currentAddress.districtName | String |  |  |  |
| patientDto.currentAddress.districtCode | String |  |  |  |
| patientDto.currentAddress.communeCode | String |  |  |  |
| patientDto.currentAddress.communeName | String |  |  |  |
| patientDto.currentAddress.countryCode | String |  |  |  |
| patientDto.currentAddress.countryName | String |  |  |  |
| patientDto.currentAddress.provinceCode | String |  |  |  |
| patientDto.currentAddress.provinceName | String |  |  |  |
| patientDto.currentAddress.typeCode | String |  |  |  |
| patientDto.registeredAddress | Object |  |  |  |
| patientDto.registeredAddress.text | String |  |  |  |
| patientDto.registeredAddress.line | String |  |  |  |
| patientDto.registeredAddress.cityName | String |  |  |  |
| patientDto.registeredAddress.cityCode | String |  |  |  |
| patientDto.registeredAddress.districtName | String |  |  |  |
| patientDto.registeredAddress.districtCode | String |  |  |  |
| patientDto.registeredAddress.communeCode | String |  |  |  |
| patientDto.registeredAddress.communeName | String |  |  |  |
| patientDto.registeredAddress.countryCode | String |  |  |  |
| patientDto.registeredAddress.countryName | String |  |  |  |
| patientDto.registeredAddress.provinceCode | String |  |  |  |
| patientDto.registeredAddress.provinceName | String |  |  |  |
| patientDto.registeredAddress.typeCode | String |  |  |  |
| patientDto.occupation | Object |  |  |  |
| patientDto.occupation.code | Enum Giá trị các bộ enum trong bảng Bộ dữ liệu nghề nghiệp |  |  |  |
| patientDto.occupation.display |  |  |  |  |
| patientDto.occupation.definition |  |  |  |  |
| patientDto.cd4List | List<Object> |  |  |  |
| patientDto.cd4List.testReason | Object |  |  |  |
| patientDto.cd4List.testReason.code | Enum Giá trị các bộ enum trong bảng Bộ dữ liệu lý do xét nghiệm |  |  |  |
| patientDto.cd4List.testReason.display |  |  |  |  |
| patientDto.cd4List.testReason.definition |  |  |  |  |
| patientDto.cd4List.specimenCollectionDate | Date | milisecond |  |  |
| patientDto.cd4List.specimenCollectionPlace | Object |  |  |  |
| patientDto.cd4List.specimenCollectionPlace.code | String |  |  |  |
| patientDto.cd4List.specimenCollectionPlace.name | String |  |  |  |
| patientDto.cd4List.testPerformanceDate | Date | milisecond |  |  |
| patientDto.cd4List.valueNumber | Number |  |  |  |
| patientDto.viralLoadList | List<Object> |  |  |  |
| patientDto.viralLoadList.testReason | Object |  |  |  |
| patientDto.viralLoadList.testReason.code | Enum Giá trị các bộ enum trong bảng Bộ dữ liệu lý do xét nghiệm |  |  |  |
| patientDto.viralLoadList.testReason.display |  |  |  |  |
| patientDto.viralLoadList.testReason.definition |  |  |  |  |
| patientDto.viralLoadList.specimenCollectionDate | Date | milisecond |  |  |
| patientDto.viralLoadList.specimenCollectionPlace | Object |  |  |  |
| patientDto.viralLoadList.specimenCollectionPlace.code | String |  |  |  |
| patientDto.viralLoadList.specimenCollectionPlace.name | String |  |  |  |
| patientDto.viralLoadList.testPerformanceDate | Date | milisecond |  |  |
| patientDto.viralLoadList.valueNumber | Number |  |  |  |
| patientDto.viralLoadList.testResultOther | Object |  |  |  |
| patientDto.viralLoadList.testResultOther.code | String |  |  |  |
| patientDto.viralLoadList.testResultOther.display | String |  |  |  |
| patientDto.viralLoadList.testResultOther.definition | String |  |  |  |
| patientDto.drugResistanceList | List<Object> |  |  |  |
| patientDto.drugResistanceList.specimenCollectionDate | Date |  |  |  |
| patientDto.drugResistanceList.specimenCollectionPlace | Object |  |  |  |
| patientDto.drugResistanceList.specimenCollectionPlace.code | String |  |  |  |
| patientDto.drugResistanceList.specimenCollectionPlace.name | String |  |  |  |
| patientDto.drugResistanceList.testPerformanceDate | Date |  |  |  |
| patientDto.drugResistanceList.testResultOther | Object |  |  |  |
| patientDto.drugResistanceList.testResultOthe.code | String |  |  |  |
| patientDto.drugResistanceList.testResultOthe.display | String |  |  |  |
| patientDto.gender | Object |  |  |  |
| patientDto.gender.code | enum Giới tính |  |  |  |
| patientDto.gender.display |  |  |  |  |
| patientDto.diagnosis | Object |  |  |  |
| patientDto.diagnosis.confirmationDate | Date |  |  |  |
| patientDto.diagnosis.confirmatoryLab | Object |  |  |  |
| patientDto.diagnosis.confirmatoryLab.code | String |  |  |  |
| patientDto.diagnosis.confirmatoryLab.name | String |  |  |  |
| patientDto.diagnosis.placeOfSpecimenCollection | String |  |  |  |
| patientDto.diagnosis.specimenCollectionDate | Date |  |  |  |
| patientDto.diagnosis.riskPopulation | Object |  |  |  |
| patientDto.diagnosis.riskPopulation.code | Enum Đối tượng |  |  |  |
| patientDto.diagnosis.riskPopulation.display |  |  |  |  |
| patientDto.diagnosis.riskBehavior | Object |  |  |  |
| patientDto.diagnosis.riskBehavior.code | Enum Hành vi nguy cơ |  |  |  |
| patientDto.diagnosis.riskBehavior.display |  |  |  |  |
| patientDto.diagnosis.transmissionRoute | Object |  |  |  |
| patientDto.diagnosis.transmissionRoute.code | Enum Đường lây |  |  |  |
| patientDto.diagnosis.transmissionRoute.display |  |  |  |  |
|  |  |  |  |  |
| patientDto.hivRecencyTest | List<Object> |  |  |  |
| patientDto.hivRecencyTest.rapidTest | Object |  |  |  |
| patientDto.hivRecencyTest.rapidTest.specimenCollectionDate | Date |  |  |  |
| patientDto.hivRecencyTest.rapidTest.specimenCollectionPlace | Object |  |  |  |
| patientDto.hivRecencyTest.rapidTest.specimenCollectionPlace.code | String |  |  |  |
| patientDto.hivRecencyTest.rapidTest.specimenCollectionPlace.name | String |  |  |  |
| patientDto.hivRecencyTest.rapidTest.testPerformanceDate | Date |  |  |  |
| patientDto.hivRecencyTest.rapidTest.testResultOther | Object |  |  |  |
| patientDto.hivRecencyTest.rapidTest.testResultOthe.code | Enum  kết quả test nhanh |  |  |  |
| patientDto.hivRecencyTest.rapidTest.testResultOthe.display |  |  |  |  |
| patientDto.hivRecencyTest.vlTest |  |  |  |  |
| patientDto.hivRecencyTest.vlTest.testPerformanceDate | Date |  |  |  |
| patientDto.hivRecencyTest.vlTest.valueNumber | Number |  |  |  |
| patientDto.hivRecencyTest.vlTest.testResultOther | Object |  |  |  |
| patientDto.hivRecencyTest.vlTest.testResultOthe.code | String |  |  |  |
| patientDto.hivRecencyTest.vlTest.testResultOthe.display |  |  |  |  |
| patientDto.hivRecencyTest.recentInfectionConclusion | Object |  |  |  |
| patientDto.hivRecencyTest.recentInfectionConclusion.code | Enum Xem giá trị tại Kết luận mới nhiễm |  |  |  |
| patientDto.hivRecencyTest.recentInfectionConclusion.name |  |  |  |  |
| patientDto.death | Object |  |  |  |
| patientDto.death.dateOfDeath | Date |  |  |  |
| patientDto.death.causeOfDeath | Object |  |  |  |
| patientDto.death.causeOfDeath.code | enum  Nguyên nhân chết |  |  |  |
| patientDto.death.causeOfDeath.display |  |  |  |  |
| patientDto.indexTesting | Object |  |  |  |
| patientDto.indexTesting.indexCaseNationalId12 | String |  |  |  |
| patientDto.indexTesting.indexCaseNationalId9 | String |  |  |  |
| patientDto.indexTesting.indexCaseUid | String |  |  |  |
| patientDto.listOfArvTreatment.arvRegimens.line |  |  |  |  |
| patientDto.listOfArvTreatment.arvRegimens.line.code | Enum Xem giá trị trong bộ dữ liệu Danh mục bậc phác đồ |  |  |  |
| patientDto.listOfArvTreatment.arvRegimens.line.display |  |  |  |  |
| patientDto.listOfArvTreatment.arvRegimens.line.definition |  |  |  |  |
| patientDto.listOfArvTreatment.arvRegimens.regimenChangeReason | Object |  | Lý do đổi phác đồ |  |
| patientDto.listOfArvTreatment.arvRegimens.regimenChangeReason.code | Enum Xem giá trị trong bộ dữ liệu Danh mục bậc phác đồ |  |  |  |
| patientDto.listOfArvTreatment.arvRegimens.regimenChangeReason.display |  |  |  |  |
| patientDto.listOfArvTreatment.arvRegimens.regimenChangeReason.definition |  |  |  |  |
| patientDto.listOfArvTreatment.whoStage | List<Object> |  |  |  |
| patientDto.listOfArvTreatment.whoStage.whoClinicalStage | Object |  |  |  |
| patientDto.listOfArvTreatment.whoStage.whoClinicalStage.code | Enum Xem giá trị trong bộ dữ liệu giai đoạn lâm sàng |  |  |  |
| patientDto.listOfArvTreatment.whoStage.whoClinicalStage.display |  |  |  |  |
| patientDto.listOfArvTreatment.whoStage.whoClinicalStage.definition |  |  |  |  |
| patientDto.listOfArvTreatment.whoStage.whoClinicalStage.dateWhoStage | Date | milisecond |  |  |
| patientDto.pregnancies | List<Object> |  |  |  |
| patientDto.pregnancies.dateReported | Date | milisecond |  |  |
| patientDto.pregnancies.deliveryPlace | Object |  |  |  |
| patientDto.pregnancies.deliveryPlace.code | String |  |  |  |
| patientDto.pregnancies.deliveryPlace.name | String |  |  |  |
| patientDto.pregnancies.placeReported | Object |  |  |  |
| patientDto.pregnancies.placeReported.code | String |  |  |  |
| patientDto.pregnancies.placeReported.name | String |  |  |  |
| patientDto.pregnancies.outcomeCode | Object |  |  |  |
| patientDto.pregnancies.outcomeCode.code | Enum Xem giá trị trong bộ dữ liệu Kết quả kỳ thai sản |  |  |  |
| patientDto.pregnancies.outcomeCode.display |  |  |  |  |
| patientDto.pregnancies.outcomeCode.definition |  |  |  |  |
| patientDto.pregnancies.deliveryDate | List<Date> | milisecond |  |  |
| patientDto.pregnancies.gestationalAgeAtDelivery | List<Number> |  |  |  |
| patientDto.pregnancies.childs | List<Object> |  |  |  |
| patientDto.pregnancies.childs.birthWeight | number |  |  |  |
| patientDto.pregnancies.childs.birthDefects | Boolean |  |  |  |
| patientDto.pregnancies.childs.hivStatus | Object |  |  |  |
| patientDto.pregnancies.childs.hivStatus.code | Enum Xem giá trị trong bộ dữ liệu Tình trạng HIV |  |  |  |
| patientDto.pregnancies.childs.hivStatus.display |  |  |  |  |
| patientDto.pregnancies.childs.hivStatus.definition |  |  |  |  |
| patientDto.pregnancies.childs.hivDiagnosisDate | Date | milisecond |  |  |
| patientDto.pregnancies.childs.childArvStartDate | Date | milisecond |  |  |

#### Các bảng dữ liệu tham chiếu

Các trường được định dạng Enum sẽ đi kèm với một bộ giá trị (tương ứng với các trường code, display, definition của ).

**Lý do xét nghiệm**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| before\_art | Before ART |  |
| routine\_test | Routine test |  |
| routine-6 | 6 months after ART initiation |  |
| routine-12 | 12 months after ART initiation |  |
| treatment-fail | Suspected treatment failure (clinical, immunological) |  |
| 3month-after-high | 3 month after high viral load |  |
| pregnant | Pregnant/Lactating woman |  |
| other | Other |  |

**Nghề nghiệp**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| [army](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-army) | Army personnel |  |
| [gov\_empl](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-gov_empl) | Government employee |  |
| [worker](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-worker) | Worker |  |
| [student](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-student) | Pupil/Student |  |
| [free\_lancer](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-free_lancer) | Free lancer |  |
| [unemployment](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-unemployment) | Unemployment |  |
| [child](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-child) | Children |  |
| [prisoner](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-prisoner) | Prisoner |  |
| [famer](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-famer) | Farmer |  |
| [other](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-occupation.html#cs-hiv-occupation-other) | Other |  |

**Hệ thống tích hợp**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| HivInfo |  |  |
| OpcAssist |  |  |
| OpcEclinica |  |  |
| HtcElog |  |  |
| Pdma |  |  |

**Tình trạng HIV**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| [positive](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-birthdefects.html#cs-hiv-birthdefects-positive) | Positive |  |
| [negative](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-birthdefects.html#cs-hiv-birthdefects-negative) | Negative |  |
| [unidentified](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-birthdefects.html#cs-hiv-birthdefects-unidentified) | Unidentified |  |
| [unknown](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-birthdefects.html#cs-hiv-birthdefects-unknown) | Unknown |  |

**Kết quả kỳ thai sản**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| [unborn](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-pregnancy-outcome.html#cs-pregnancy-outcome-unborn) | Unborn |  |
| [born](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-pregnancy-outcome.html#cs-pregnancy-outcome-born) | Born |  |
| [miscarried](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-pregnancy-outcome.html#cs-pregnancy-outcome-miscarried) | Miscarried |  |
| [abortion](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-pregnancy-outcome.html#cs-pregnancy-outcome-abortion) | Abortion |  |
| [unknown](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-pregnancy-outcome.html#cs-pregnancy-outcome-unknown) | Unknown |  |

**Giai đoạn lâm sang**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| stage1 | WHO Stage 1 |  |
| stage2 | WHO Stage 2 |  |
| stage3 | WHO Stage 3 |  |
| stage4 | WHO Stage 4 |  |

**Danh mục bậc phác đồ**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| lvl1 | First line |  |
| lvl2 | Second line |  |
| lvl3 | Third line |  |

**Danh mục phác đồ**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| [reg001](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg001) | (TDF/3TC/DTG 300/300/50) |  |
| [reg002](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg002) | (TDF/3TC/EFV 300/300/400) |  |
| [reg003](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg003) | (TDF/3TC/EFV 300/300/600) |  |
| [reg004](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg004) | (ZDV/3TC 300/150)(EFV 600) |  |
| [reg005](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg005) | (ZDV/3TC 300/150)(EFV 200) |  |
| [reg006](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg006) | (ZDV/3TC/NVP 300/150/200) |  |
| [reg007](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg007) | (ABC 300)(3TC 150)(DTG 50) |  |
| [reg008](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg008) | (TDF 300)(3TC 150)(RAL 400) |  |
| [reg009](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg009) | (TDF/FTC 300/200)(RAL 400) |  |
| [reg010](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg010) | (TAF 25)(3TC 150)(DTG 50) |  |
| [reg011](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg011) | (TDF/FTC 300/200)(EFV 600) |  |
| [reg012](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg012) | (ZDV/3TC 300/150)(LPV/r 100/25) |  |
| [reg013](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg013) | (ZDV/3TC 300/150)(LPV/r 200/50) |  |
| [reg014](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg014) | (ZDV/3TC 300/150)(DTG 50) |  |
| [reg015](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg015) | (ZDV/3TC 300/150)(ATV 300)(RTV 100) |  |
| [reg016](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg016) | (ZDV/3TC 300/150)(DRV 600)(RTV 100) |  |
| [reg017](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg017) | (TDF/FTC 300/200)(DTG 50) |  |
| [reg018](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg018) | (TDF/FTC 300/200)(ATV 300)(RTV 100) |  |
| [reg019](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg019) | (TDF/FTC 300/200)(DRV 600)(RTV 100) |  |
| [reg020](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg020) | (TDF 300)(3TC 150)(ATV 300)(RTV 100) |  |
| [reg021](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg021) | (TDF 300)(3TC 150)(DRV 600)(RTV 100) |  |
| [reg022](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg022) | (TDF 300)(3TC 150)(LPV/r 100/25) |  |
| [reg023](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg023) | (TDF 300)(3TC 150)(LPV/r 200/50) |  |
| [reg024](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg024) | (TDF 300)(3TC 150)(LPV/r 80/20mg/ml) |  |
| [reg025](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg025) | (TDF/FTC 300/200)(LPV/r 100/25) |  |
| [reg026](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg026) | (TDF/FTC 300/200)(LPV/r 200/50) |  |
| [reg027](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg027) | (TDF/FTC 300/200)(LPV/r 80/20mg/ml) |  |
| [reg028](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg028) | (ABC 300)(ZDV/3TC 300/150) |  |
| [reg029](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg029) | (ABC 300)(ZDV/3TC 60/30) |  |
| [reg030](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg030) | (ABC/3TC 60/30)(DTG 50) |  |
| [reg031](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg031) | (ABC/3TC 60/30)(LPV/r 100/25) |  |
| [reg032](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg032) | (ABC/3TC 60/30)(LPV/r 200/50) |  |
| [reg033](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg033) | (ABC/3TC 60/30)(LPV/r 80/20mg/ml) |  |
| [reg034](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg034) | (ZDV/3TC/NVP 60/30/50) |  |
| [reg035](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg035) | (ABC/3TC 60/30)(EFV 200) |  |
| [reg036](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg036) | (ABC/3TC 60/30)(EFV 200)(EFV 50) |  |
| [reg037](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg037) | (ABC/3TC 60/30)(EFV 50) |  |
| [reg038](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg038) | (ZDV/3TC 60/30)(EFV 200) |  |
| [reg039](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg039) | (ZDV/3TC 60/30)(EFV 200)(EFV 50) |  |
| [reg040](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg040) | (ZDV/3TC 60/30)(EFV 50) |  |
| [reg041](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg041) | (ZDV/3TC 60/30)(RAL 25) |  |
| [reg042](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg042) | (ZDV/3TC 60/30)(RAL 100) |  |
| [reg043](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg043) | (ZDV/3TC 60/30)(LPV/r 100/25) |  |
| [reg044](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg044) | (ZDV/3TC 60/30)(LPV/r 80/20mg/ml) |  |
| [reg045](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg045) | (ZDV/3TC 60/30)(DTG 50) |  |
| [reg046](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg046) | (ABC/3TC 60/30)(RAL 25) |  |
| [reg047](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-vn-regimen.html#cs-vn-regimen-reg047) | (ABC/3TC 60/30)(RAL 100) |  |

**Lý do đổi phác đồ**

|  |  |  |
| --- | --- | --- |
| **code** | **display** | **definition** |
| lack\_of\_drug | Lack of drug |  |
| side\_effects | Side effects |  |
| treatment\_failure | Treatment failure |  |
| drug\_interaction | Drug interaction |  |
| new-guidance | New regimen as national guidance |  |
| other | Other |  |

**Lý do dừng điều trị ARV**

|  |  |  |
| --- | --- | --- |
| **code** | **display** | **definition** |
| transfer-out | Transfer out |  |
| drop-out | Drop out or LTFU |  |
| death | Death |  |

**Loại đăng ký ARV**

|  |  |  |
| --- | --- | --- |
| **code** | **display** | **definition** |
| new-registration | New registration |  |
| transfer-in | Transfer in |  |
| re-initiation | Re-initiation |  |

Kết quả xét nghiệm

|  |  |  |
| --- | --- | --- |
| code | display | definition |
| negative | Negative |  |
| positive | Positive |  |

**Bộ dữ liệu dân tộc**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| [1](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-1) | Kinh |  |
| [2](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-2) | Tày |  |
| [3](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-3) | Thái |  |
| [4](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-4) | Hoa |  |
| [5](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-5) | Khơ-me |  |
| [6](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-6) | Mường |  |
| [7](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-7) | Nùng |  |
| [8](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-8) | Hmông |  |
| [9](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-9) | Dao |  |
| [10](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-10) | Gia-rai |  |
| [11](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-11) | Ngái |  |
| [12](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-12) | Ê-đê |  |
| [13](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-13) | Ba-na |  |
| [14](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-14) | Xơ-đăng |  |
| [15](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-15) | Sán Chay |  |
| [16](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-16) | Cơ-ho |  |
| [17](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-17) | Chăm |  |
| [18](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-18) | Sán Dìu |  |
| [19](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-19) | Hrê |  |
| [20](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-20) | Mnông |  |
| [21](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-21) | Ra-glai |  |
| [22](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-22) | Xtiêng |  |
| [23](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-23) | Bru-Vân Kiều |  |
| [24](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-24) | Thổ |  |
| [25](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-25) | Giáy |  |
| [26](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-26) | Cơ-tu |  |
| [27](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-27) | Gié-Triêng |  |
| [28](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-28) | Mạ |  |
| [29](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-29) | Khơ-mú |  |
| [30](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-30) | Co |  |
| [31](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-31) | Ta-ôi |  |
| [32](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-32) | Chơ-ro |  |
| [33](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-33) | Kháng |  |
| [34](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-34) | Xinh-mun |  |
| [35](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-35) | Hà Nhì |  |
| [36](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-36) | Chu-ru |  |
| [37](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-37) | Lào |  |
| [38](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-38) | La Chi |  |
| [39](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-39) | La Ha |  |
| [40](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-40) | Phù Lá |  |
| [41](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-41) | La Hủ |  |
| [42](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-42) | Lự |  |
| [43](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-43) | Lô Lô |  |
| [44](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-44) | Chứt |  |
| [45](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-45) | Mảng |  |
| [46](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-46) | Pà Thẻn |  |
| [47](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-47) | Cơ Lao |  |
| [48](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-48) | Cống |  |
| [49](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-49) | Bố Y |  |
| [50](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-50) | Si La |  |
| [51](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-51) | Pu Péo |  |
| [52](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-52) | Brâu |  |
| [53](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-53) | Ơ Đu |  |
| [54](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-54) | Rơ-măm |  |
| [55](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-55) | Người nước ngoài |  |
| [0](https://openhie.github.io/case-reporting-hiv-vn/branches/draft/CodeSystem-cs-vn-ethnicity.html#cs-vn-ethnicity-0) | Không rõ |  |

**Kết quả test nhanh**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| recent | Recent |  |
| long\_term | Long term | |
| negative | Negative |  |

**Kết luận mới nhiễm**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| [recent](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-recentinfection.html#cs-hiv-recentinfection-recent) | Recent infection |  |
| [long-term](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-hiv-recentinfection.html#cs-hiv-recentinfection-long-term) | Long term infection |  |

**Đối tượng**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| pwid | Injecting drug users |  |
| msm | Men who have sex with men |  |
| sw | Sex workers |  |
| client\_sw | Clients of sex worker |  |
| partner\_plhiv | Sexual partner of PLHIV |  |
| tg\_women | Transgender women |  |
| tg\_men | Transgender men |  |
| child\_woman\_hiv | Child of mother who is infected with HIV |  |
| blood-donor | Blood seller / blood donor |  |
| suspect\_hiv | People suspected for AIDs |  |
| tb\_patient | Tuberculosis patient |  |
| std\_person | Persons with STD |  |
| prisoner | Prisoner |  |
| pregnant | Pregnant women |  |
| military\_recruits | Young recruits for military service |  |
| other | Other |  |

**Hành vi nguy cơ**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| pwid | PWID |  |
| sex\_partner | Having sex with sex worker or sex buyer |  |
| msm | Men who have sex with men |  |
| smp | Having sex with multiple partners (not for money or drug) |  |
| partner\_hiv | Having sex with spouse/partners who are HIV infected |  |
| other | Other |  |

**Đường lây**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| 312425004 | Blood |  |
| 226034001 | Drug injection |  |
| 250373003 | Blood transfusion |  |

**Nguyên nhân chết**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| [aids](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-cause-of-death.html#cs-cause-of-death-aids) | Last stage of AIDS |  |
| [other-diseases](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-cause-of-death.html#cs-cause-of-death-other-diseases) | Caused by other diseases |  |
| [suicide](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-cause-of-death.html#cs-cause-of-death-suicide) | Suicide |  |
| [overdose](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-cause-of-death.html#cs-cause-of-death-overdose) | Drug overdose |  |
| [accident](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-cause-of-death.html#cs-cause-of-death-accident) | Accident |  |
| [unknown](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-cause-of-death.html#cs-cause-of-death-unknown) | Unknown |  |
| [other](https://openhie.github.io/case-reporting-hiv-vn/CodeSystem-cs-cause-of-death.html#cs-cause-of-death-other) | Other |  |

**Giới tính**

|  |  |  |
| --- | --- | --- |
| **Code** | **Display** | **Definition** |
| male | Male | Client identifies as female |
| female | Female | Client identifies as male |
| unidentified | Unidentified |  |

#### File json dữ liệu mẫu

File dữ liệu mẫu định dạng JSON trong file đính kèm:



#### Thông điệp trả lời.

**Trường hợp lỗi: Xem danh mục lỗi sẽ được gửi trả lại.**

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status:400 | **BadFormat**: Dữ liệu nhập vào không đúng cú pháp  **InvalidInputData**: Dữ liệu nhập vào đúng cú pháp nhưng không đúng định dạng và quy định nghiệp vụ. |
| Header status:401 | **Unauthorized:** Lỗi không được xác thực |
| Header status:500 | An unexpected error occurred |

**Trường hợp thành công**:Hệ thống trả về:

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status | 200 |
| Header Content-Type | application/json;charset=UTF-8 |
| Json data | Trả về là một object **HivCaseReportDto** (được mô tả trong mục 2.2) |

### Hàm gửi dữ liệu CS cho nhiều bản ghi.

#### Mô tả.

|  |  |
| --- | --- |
| Request URL | http://csapi.globits.net:8069/ receive/api/case\_report/post\_list |
| Request Method | POST |
| Request Header | Accept: application/json  Authorization: Bearer { access\_token }  Content-Type: application/json  Note: {access\_token} là token lấy được từ hàm login |
| Form data | Dạng JSON của:  List<HivCaseReportDto>  Đặc tả chi tiết về **HivCaseReportDto** có thể xem ở mục 2.2 |

#### Thông điệp yêu cầu.

Dạng JSON của List<HivCaseReportDto>

#### Thông điệp trả lời.

**Trường hợp lỗi: Xem danh mục lỗi sẽ được gửi trả lại.**

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status:400 | **BadFormat**: Dữ liệu nhập vào không đúng cú pháp  **InvalidInputData**: Dữ liệu nhập vào đúng cú pháp nhưng không đúng định dạng và quy định nghiệp vụ. |
| Header status:401 | **Unauthorized:** Lỗi không được xác thực |
| Header status:500 | An unexpected error occurred |

**Trường hợp thành công**:Hệ thống trả về:

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status | 200 |
| Header Content-Type | application/json;charset=UTF-8 |
| Json data | Trả về là một object List<**HivCaseReportDto>**  (**HivCaseReportDto** được mô tả trong mục 2.2) |

### Hàm lấy dữ liệu cho 1 bản ghi.

#### Mô tả.

|  |  |
| --- | --- |
| Request URL | http://csapi.globits.net:8069/ receive/api/case\_report/{id} |
| Request Method | GET |
| Request Header | Accept: application/json  Authorization: Bearer { access\_token }  Content-Type: application/json  Note: {access\_token} là token lấy được từ hàm login |

#### Thông điệp yêu cầu.

|  |  |  |  |
| --- | --- | --- | --- |
| Dữ liệu đầu vào | Tên Field | Kiểu dữ liệu | Ghi chú |
| id | id | UUID | Id của bản ghi cần xem |

#### Thông điệp trả lời.

**Trường hợp lỗi: Xem danh mục lỗi sẽ được gửi trả lại.**

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status:400 | **BadFormat**: Dữ liệu nhập vào không đúng cú pháp  **InvalidInputData**: Dữ liệu nhập vào đúng cú pháp nhưng không đúng định dạng và quy định nghiệp vụ. |
| Header status:401 | **Unauthorized:** Lỗi không được xác thực |
| Header status:500 | An unexpected error occurred |

**Trường hợp thành công**:Hệ thống trả về:

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status | 200 |
| Header Content-Type | application/json;charset=UTF-8 |
| Json data | Trả về là một object như bảng dưới |

Chi tiết Object trả về:

|  |  |  |
| --- | --- | --- |
| **Tên trường** | **Kiểu dữ liệu** | **Ghi chú** |
| id | UUID | Khóa chính, định dạng UUID |
| content | JSON string | Dạng JSON của PatientDto trong object đẩy lên trước đó |
| createDate | datetime |  |
| createdBy | String |  |
| instructions | String |  |
| modifiedBy | String |  |
| modifyDate | datetime |  |
| orgId | String |  |
| reportDate | datetime |  |
| systemId | String |  |
| title | String |  |
| voided | boolean | False = vẫn còn sử dụng  True = đã xóa |
| facility\_id | String |  |

### Hàm lấy dữ liệu nhiều bản ghi.

#### Mô tả.

|  |  |
| --- | --- |
| Request URL | http://csapi.globits.net:8069/receive/api/case\_report/get\_list/{pageIndex}/{pageSize} |
| Request Method | GET |
| Request Header | Accept: application/json  Authorization: Bearer { access\_token }  Content-Type: application/json  Note: {access\_token} là token lấy được từ hàm login |

#### Thông điệp yêu cầu.

|  |  |  |  |
| --- | --- | --- | --- |
| Dữ liệu đầu vào | Tên Field | Kiểu dữ liệu | Ghi chú |
| Số trang | pageIndex | int | Bắt buộc |
| Số lượng bản ghi trong 1 trang | pageSize | int | Bắt buộc |

#### Thông điệp trả lời.

**Trường hợp lỗi: Xem danh mục lỗi sẽ được gửi trả lại.**

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status:400 | **BadFormat**: Dữ liệu nhập vào không đúng cú pháp  **InvalidInputData**: Dữ liệu nhập vào đúng cú pháp nhưng không đúng định dạng và quy định nghiệp vụ. |
| Header status:401 | **Unauthorized:** Lỗi không được xác thực |
| Header status:500 | An unexpected error occurred |

**Trường hợp thành công**:Hệ thống trả về:

|  |  |
| --- | --- |
| Trường | Kết quả |
| Header status | 200 |
| Header Content-Type | application/json;charset=UTF-8 |
| Json data | Trả về là một List<object> , định dạng của object như bảng dưới |

Chi tiết của 1 Object trong List<object> trả về:

|  |  |  |
| --- | --- | --- |
| **Tên trường** | **Kiểu dữ liệu** | **Ghi chú** |
| id | UUID | Khóa chính, định dạng UUID |
| content | JSON string | Dạng JSON của PatientDto trong object đẩy lên trước đó |
| createDate | datetime |  |
| createdBy | String |  |
| instructions | String |  |
| modifiedBy | String |  |
| modifyDate | datetime |  |
| orgId | String |  |
| reportDate | datetime |  |
| systemId | String |  |
| title | String |  |
| voided | boolean | False = vẫn còn sử dụng  True = đã xóa |
| facility\_id | String |  |