

API Specification Document

Diabetic Retinopathy Diagnoses

Overview

The APIs provide functionality to retrieve Diabetic Retinopathy (DR) diagnoses for patients. The data can be fetched for a specific patient using their UHID or for all patients within a specific date range. The response includes details such as the UHID, patient name, date of visit, DR diagnosis status, identified lesions, and clinical diagnosis text.

Base URL

`https://<idrs_url>/v1`

Endpoints

1. Get DR Diagnoses by UHID

Endpoint

`GET /dr-diagnoses/uhid/{uhid}`

Description

Fetch Diabetic Retinopathy diagnoses for a specific patient based on their UHID.

Path Parameters

Parameter	Type	Required	Description
uhid	String	Yes	Unique Health ID of patient

Response Format

```
{
  "status": "success",
  "data": [
    {
      "uhid": "123456789",
      "name": "Nirmal",
      "age": "23 Years",
```

```

        "gender": "Male",
        "instName": "FHC, Balaramapuram",
        "dateOfVisit": "15-01-2025",
        "isDrPositive": true,
        "identifiedLesions": ["Microaneurysms", "Exudates"],
        "clinicalDiagnosis": "Early signs of Diabetic Retinopathy."
    }
}
]
}

```

Response Codes

Status Code	Description
200	Successful response
400	Invalid input parameters
404	UHID not found

2. Get DR Diagnoses for Date Range

Endpoint

GET /dr-diagnoses/daterange

Description

Fetch Diabetic Retinopathy diagnoses for all patients within a specific date range.

Query Parameters

Parameter	Type	Required	Description
fromDate	String	Yes	Start date in DD-MM-YYYY format
toDate	String	Yes	End date in DD-MM-YYYY format

Response Format

```

{
  "status": "success",
  "data": [
    {
      "uhid": "123456789",
      "name": "Smita",
      "age": "23 Years",
      "gender": "Female",
      "instName": "FHC, Balaramapuram",
      "dateOfVisit": "15-01-2025",
      "isDrPositive": true,
      "identifiedLesions": ["Microaneurysms", "Exudates"],
      "clinicalDiagnosis": "Early signs of Diabetic Retinopathy."
    },
    {
      "uhid": "987654321",
      "name": "Viswam",

```

```
    "age": "56 Years",
    "gender": "Male",
    "instName": "FHC, Kottukkal",
    "dateOfVisit": "15-01-2025",
    "isDrPositive": false,
    "identifiedLesions": [],
    "clinicalDiagnosis": "No signs of Diabetic Retinopathy."
  }
]
}
```

Response Codes

Status Code	Description
200	Successful response
400	Invalid input parameters
404	No data found for dates