

# **Mauritius Registry Software**

## **User Manual V1**

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## OVERVIEW

List of functionalities covered in this manual:

- New patient registration, view and edition of the form.
- Start/Change of KRT modality for a patient, view and edition of the patient's KRT modality form.
- Add assessment for dialysis patient, view and edition of the assessment form.
- Stop dialysis/treatment and edition of the stop dialysis form.

## GET STARTED

Suggestion: Include the following questions in the Mauritius application as Help/Support pages.

### 1.1 How can I register a new patient?

The screenshot displays the 'Mauritius RenalDataRegistry Patients' interface. At the top, a blue header bar contains the text 'Mauritius RenalDataRegistry Patients' and 'Options (test@test.com)'. Below the header, a navigation bar shows 'List' and 'Register' (marked with a circled 1). The main content area is titled 'Patient registration form' (marked with a circled 2). Under 'Primary details:', there are several input fields: 'Unique identifier type\*' (a dropdown menu with 'N.I.C.' selected), 'NIC No. is 1 letter followed by DOMMY digits of date of birth followed by 6 digits then one alphanumeric symbol (14 characters).\*' (a text input field), 'Passport number is 13 characters long, all alphanumeric.' (a dropdown menu), 'Unit number 1' (a text input field), 'Unit number 2' (a text input field), and 'Unit number 3' (a text input field). A tooltip is visible over the 'NIC No.' field, providing details about the required format.

## Patient registration form

### Initial assessment:

#### Comorbidities

- ☐ AA/angioplasty/stent/graft
- ☐ Acute Coronary Syndromes
- ☐ AF Non-valvular
- ☐ Cardiac Failure
- ☐ IHD Uncomplicated
- ☐ Amputation for PVD
- ☐ CVA Haemorrhagic
- ☐ CVA Ischaemic
- ☐ Diabetes
- ☐ PTCA/CABG
- ☐ Disease Liver chronic
- ☐ Disease Lung chronic
- ☐ Gangrene/septic foot
- ☐ Malignancy
- ☐ Valvular Heart Diseases

#### Disabilities

- ☐ Sight impaired
- ☐ Mobility
- ☐ Cognitive/Learning

Clinical frailty scale (1 to 9)

Smoking status\*

Alcohol use disorder\*

Hepatitis B\*

Hepatitis C\*

HIV\*

[Previous](#) [Submit](#)

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## 1.2 How can I view the patient registration form details?

## Patient registration list

Enter your search term (N.I.C or passport number, name, surname, health institution or unit)

Search

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	<div> <div>View</div> <div>View hospital history</div> <div>Edit</div> <div>Start/Change modality</div> <div>Add dialysis assessment</div> <div>Stop dialysis</div> </div>
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital	12	
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital	12	
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	325896 888888 --	

1

## Patient details

Please note the information presented here is the data entered in the Patient's registration form.

### NATIONAL RENAL REGISTRY: PATIENT DETAIL VIEW

Health institution AG Jeetoo Hospital	Unit Number/s 589623,--,--	Date of birth 28/06/1900
Surname Key	Other Name/s Alice	
Ethnic group General population	Gender Female	Marital status Single    Occupation Employed
Significant previous occupations --, --, --, --		
N.I.C no. (or passport no. for foreigners) c123456789123T	Phone Nos --, --, --	
Address -- - --	Email --, --	
Height (cm) --	Weight (kg) --	Birth weight (kg) --
Is patient on Kidney Replacement Therapy (KRT)? Y		
Chronology of previous and present KRT modalities (Listing max. 6 modalities)		
Comorbidities		
Disabilities		
Clinical frailty scale (1 to 9)		
Smoking status		
Alcohol disorder		
Hepatitis B		
Hepatitis C		
HIV		
Creation date July 4, 2022, 11:45 a.m.		

### 1.3 How can I edit a patient's registration form?

## Patient registration list

Search

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	<div><div>View</div><div>View hospital history</div><div>Edit</div><div>Start/Change modality</div><div>Add dialysis assessment</div><div>Stop dialysis</div></div>
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital	12	
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital	12	
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	325896 888888	<div></div>

Edit:

## Patient registration form

### Primary details:

Unique identifier type\*

N.I.C

N.I.C. No. is 1 letter followed by DOMMY digits of date of birth followed by 6 digits then one alphanumeric symbol (14 characters).  
Passport number is 13 characters long, all alphanumeric.

He

Unit number 1

Unit number 2

Unit number 3

## Patient registration form

### Initial assessment:

#### Comorbidities

- ☐ AA/angioplasty/stent/graft
- ☐ Acute Coronary Syndromes
- ☐ AF Non-valvular
- ☐ Cardiac Failure
- ☐ IHD Uncomplicated
- ☐ Amputation for PVD
- ☐ CVA Haemorrhagic
- ☐ CVA Ischaemic
- ☐ Diabetes
- ☐ PTCA/CABG
- ☐ Disease Liver chronic
- ☐ Disease Lung chronic
- ☐ Gangrene/septic foot
- ☐ Malignancy
- ☐ Valvular Heart Diseases

#### Disabilities

- ☐ Sight impaired
- ☐ Mobility
- ☐ Cognitive/Learning

Clinical frailty scale (1 to 9)

Smoking status\*

Alcohol use disorder\*

Hepatitis B\*

Hepatitis C\*

HIV\*

[Previous](#) [Submit](#)

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### 1.4 How can I start/change of KRT modality for a patient?

## Patient registration list

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	▾
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital	12	View View hospital history Edit Start/Change modality Add dialysis assessment Stop dialysis
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital	12	
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	325896 888888	▾

## Chronology of patient KRT modalities

2

[Start new modality](#)

There are no records.

## Patient KRT modality form

3

### New modality for patient:

The modality edited in this form will become the patient's current KRT modality with start date as today.

KRT modality\*

**Information to complete since this is the first KRT modality:**

Which of the following has the patient seen in the year before starting KRT?

Time first seen by ROPD or private nephrologist in days before start of KRT

Latest creatinine (μmol/l)



## Patient KRT modality form

### Assessment:

#### Comorbidities

- ☐ AA/angioplasty/stent/graft
- ☐ Acute Coronary Syndromes
- ☐ AF Non-valvular
- ☐ Cardiac Failure
- ☐ IHD Uncomplicated
- ☐ Amputation for PVD
- ☐ CVA Haemorrhagic
- ☐ CVA Ischaemic
- ☐ Diabetes
- ☐ PTCA/CABG
- ☐ Disease Liver chronic
- ☐ Disease Lung chronic
- ☐ Gangrene/septic foot
- ☐ Malignancy
- ☐ Valvular Heart Diseases

#### Disabilities

- ☐ Sight impaired
- ☐ Mobility
- ☐ Cognitive/Learning

Clinical frailty scale (1 to 9)

Smoking status\*

Alcohol use disorder\*

Hepatitis B\*

Hepatitis C\*

HIV\*

[Previous](#) [Submit](#)

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### 1.5 How can I view a patient's KRT modality form?

### Patient registration list

Enter your search term (N.I.C or passport number, name, surname, health institution or unit)

Search

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	<div><div>View</div><div>View hospital history</div><div>Edit</div><div>Start/Change modality</div><div>Add dialysis assessment</div><div>Stop dialysis</div></div>
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital	12	
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital	12	
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	325896 888888	

### Chronology of patient KRT modalities

HD

04/07/2022

[Start new modality](#)

True

2

View

Edit

## Patient modality details

NATIONAL RENAL REGISTRY: PATIENT MODALITY DETAIL VIEW		
Modality HD		
HD Unit HDUnit1		
Date started 04/07/2022	Is this the first KRT modality? Yes	
Previous modality		
Information if this is the first KRT modality		
Patient saw it in the year before starting KRT Unknown		
Time first seen by ROPD or private nephrologist in days before start of KRT --		
Last creatinine before KRT	Last eGFR before KRT	Last Hb before KRT
Has the patient completed Hep B vaccination? U		
If first KRT modality is dialysis		
Did patient delay the start of dialysis despite nephrology advice? U		
Delay in full days in start of dialysis --		
If patient starting or transferring to HD		
Access on first HD Unknown		
Why AVF/AVG not used to initiate HD? Unknown		
Was HD started in private? Unknown		
If patient starting or transferring to PD		
How early was the PD catheter inserted (whole days before first exchange)? --		
PD insertion technique Unknown		
Comorbidities		
Disabilities		
Clinical frailty scale (1 to 9)		
Smoking status		
Alcohol disorder		
Hepatitis B		
Hepatitis C		
HIV		
Creation date July 4, 2022, 7:01 p.m.		

### 1.6 How can I edit a patient's KRT modality form?

## Patient registration list

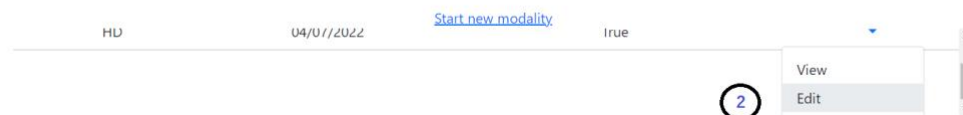
Enter your search term (N.I.C or passport number, name, surname, health institution or unit)

Search

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	<div>View</div>
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital	12	<div>View hospital history</div>
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital	12	<div>Edit</div>
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	325896 888888	<div>Start/Change modality</div>

- View
- View hospital history
- Edit
- Start/Change modality
- Add dialysis assessment
- Stop dialysis

## Chronology of patient KRT modalities



Edit:

## Patient KRT modality form

### New modality for patient:

The modality edited in this form will become the patient's current KRT modality with start date as today.

KRT modality\*

NK

Information to complete since this is the first KRT modality:

Which of the following has the patient seen in the year before starting KRT?

Unknown

Time first seen by ROPD or private nephrologist in days before start of KRT

Latest creatinine ( $\mu\text{mol/l}$ )

## Patient KRT modality form

### Assessment:

#### Comorbidities

- ☐ AA/angioplasty/stent/graft
- ☐ Acute Coronary Syndromes
- ☐ AF Non-valvular
- ☐ Cardiac Failure
- ☐ IHD Uncomplicated
- ☐ Amputation for PVD
- ☐ CVA Haemorrhagic
- ☐ CVA Ischaemic
- ☐ Diabetes
- ☐ PTCA/CABG
- ☐ Disease Liver chronic
- ☐ Disease Lung chronic
- ☐ Gangrene/septic foot
- ☐ Malignancy
- ☐ Valvular Heart Diseases

#### Disabilities

- ☐ Sight impaired
- ☐ Mobility
- ☐ Cognitive/Learning

Clinical frailty scale (1 to 9)

Smoking status\*

Alcohol use disorder\*

Hepatitis B\*

Hepatitis C\*

HIV\*

[Previous](#) [Submit](#)

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### 1.7 How can I add assessment for dialysis patient?

Note: To add a dialysis assessment the system requires that the patient is in a dialysis mode (HD or PD).

## Patient registration list

Enter your search term (N.I.C or passport number, name, surname, health institution or unit)

Search

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	<div>View</div> <div>View hospital history</div> <div>Edit</div> <div>Start/Change modality</div> <div>Add dialysis assessment</div> <div>Stop dialysis</div>
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital		
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital		
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	325896 888888	

1

## Patient dialysis assessments

2

[New dialysis assessment](#)

There are no records.

## Patient assessment form

3

Current patient's KRT modality: **HD**

Post HD or dry PD weight in kg

If HD, state HD unit

**HD prescription:**

Sessions/week

## Patient assessment form

### Others:

#### Comorbidities

- ☐ AA/angioplasty/stent/graft
- ☐ Acute Coronary Syndromes
- ☐ AF Non-valvular
- ☐ Cardiac Failure
- ☐ IHD Uncomplicated
- ☐ Amputation for PVD
- ☐ CVA Haemorrhagic
- ☐ CVA Ischaemic
- ☐ Diabetes
- ☐ PTCA/CABG
- ☐ Disease Liver chronic
- ☐ Disease Lung chronic
- ☐ Gangrene/septic foot
- ☐ Malignancy
- ☐ Valvular Heart Diseases

#### Disabilities

- ☐ Sight impaired
- ☐ Mobility
- ☐ Cognitive/Learning

Clinical frailty scale (1 to 9)

Smoking status\*

Alcohol use disorder\*

Hepatitis B\*

Hepatitis C\*

HIV\*

[Previous](#) [Submit](#)

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## 1.8 How can I view a patient's dialysis assessment?

## Patient registration list

Search

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	<div><div>View</div><div>View hospital history</div><div>Edit</div><div>Start/Change modality</div><div>Add dialysis assessment</div><div>Stop dialysis</div></div>
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital	12	
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital	12	
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	325896 888888 --	<div><div></div></div>

## Patient dialysis assessments

July 4, 2022, 1:10 PM

[New dialysis assessment](#)

View

Edit



## Patient assessment details

NATIONAL RENAL REGISTRY: PATIENT ASSESSMENT DETAIL VIEW			
Current dialysis KRT modality information			
Current patient's modality HD			
HD information			
HD Unit HCU:nt1			
Post HD or dry PD weight in kg 20.00			
HD prescription:			
Sessions/week			
Mins/session			
HD adequacy:			
URR %			
Kt/v			
Access used for last dialysis 0			
TC or NTC reason 0			
PD information			
PD prescription:			
Exchanges/day			
Fluid litres/day			
PD adequacy:			
Kt/V urea			
BP in mmHg			
Most recent laboratory parameters (within 3 months, if * within 6 months)			
Hb g/dl	Albumin g/l	Bicarbonate mmol/l	
Calcium mmol/l	Phosphate mmol/l	HbA1C %* 2.00	
Ferritin ng/ml* 3.00	TSAT %* 1.00	PTH pmol/l* 3.00	
Medications			
ESA dose	Anti-diabetics Y/N/U	BP Drugs Y/N/U	
Iu/wk (short acting)	Insulin	ACEI	Thiazides
mcg/2 wk (darbo.)	Sulphonylureas	ARB	Renin Inhibitors
mcg/4 wk (mirceara)	DPP4i	CC Blocker	Others
	GLP1A	Beta Blocker	
IV iron dose	Meglitinides	Alpha Blocker	
mg/month	SGLT2i	Centrally acting	
	Acarbose	P Vasodilators	
	Metformin	Loop diuretics	
	Other	MRA	
Comorbidities			
Disabilities			
Clinical frailty scale (1 to 9) None			
Smoking status Unknown			
Alcohol disorder Unknown			
Hepatitis B Unknown			
Hepatitis C Unknown			
HIV Unknown			

### 1.9 How can I edit a patient's dialysis assessment?

## Patient registration list

Enter your search term (N.I.C or passport number, name, surname, health institution or unit)

Search

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	<div> <div>View</div> <div>View hospital history</div> <div>Edit</div> <div>Start/Change modality</div> <div>Add dialysis assessment</div> <div>Stop dialysis</div> </div>
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital	12	
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital	12	
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	325896 888888 --	

## Patient dialysis assessments

July 11, 2022, 1:10 PM

[New dialysis assessment](#)

View

Edit

Edit:

## Patient assessment form

Current patient's KRT modality: HD

Post HD or dry PD weight in kg

If HD, state HD unit

HD prescription:

Sessions/week

## Patient assessment form

### Others:

#### Comorbidities

- ☐ AA/angioplasty/stent/graft  
☐ Acute Coronary Syndromes  
☐ AF Non-valvular  
☐ Cardiac Failure  
☐ IHD Uncomplicated  
☐ Amputation for PVD  
☐ CVA Haemorrhagic  
☐ CVA Ischaemic  
☐ Diabetes  
☐ PTCA/CABG  
☐ Disease Liver chronic  
☐ Disease Lung chronic  
☐ Gangrene/septic foot  
☐ Malignancy  
☐ Valvular Heart Diseases

#### Disabilities

- ☐ Sight impaired  
☐ Mobility  
☐ Cognitive/Learning

Clinical frailty scale (1 to 9)

Smoking status\*

Alcohol use disorder\*

Hepatitis B\*

Hepatitis C\*

HIV\*

[Previous](#)
[Submit](#)

4



## 1.10 How can I stop a dialysis?

## Patient registration list

Enter your search term (N.I.C or passport number, name, surname, health institution or unit)

Search

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	<div> <a href="#">View</a> <a href="#">View hospital history</a> <a href="#">Edit</a> <a href="#">Start/Change modality</a> <a href="#">Add dialysis assessment</a> <a href="#">Stop dialysis</a> </div>
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital	12	
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital	12	
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	325896 888888	
					--	

1

## Patient stopping dialysis form 2 Edit form

### Patient stopping dialysis:

Date of last dialysis

06/06/2022

Reason\*

Died

Date of death

Cause of death\*

Unknown

Submit 3

## Patient stopping dialysis form 2 Fill form

### Patient stopping dialysis:

Date of last dialysis

Reason\*

Died

Date of death

Cause of death\*

Unknown

Submit 3

## 1.11 How can I edit a patient's stop dialysis form?

## Patient registration list

Enter your search term (N.I.C or passport number, name, surname, health institution or unit)

Search

N.I.C or passport no.	Name	DOB	Gender	Health institution	Unit number/s	Actions
c123456789123T	Alice Key	28/06/1900	Female	AG Jeetoo Hospital	589623	<div> <div></div> <div>View</div> <div>View hospital history</div> <div>Edit</div> <div>Start/Change modality</div> <div>Add dialysis assessment</div> <div>Edit dialysis stop</div> </div>
a123456789123T	Bob Peterson	06/06/2022	Male	AG Jeetoo Hospital	123456	
d123456789123T	Christine Bing	29/06/1980	Female	AG Jeetoo Hospital	123456	
b123456789123T	Nikol Tesla	30/05/1980	Male	AG Jeetoo Hospital	3286	

## Patient stopping dialysis form 2 [Edit form](#)

### Patient stopping dialysis:

Date of last dialysis

06/06/2022



Reason\*

Died



Date of death



Cause of death\*

Unknown



[Submit](#)

3