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# User's Manual for Electronic National Renal Registry Web Application (eNRR)

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## Section 2: Patient Registration, Notification (HD/CAPD/TX) and Outcome Notification

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1.0 eNRR OVERVIEW

1.1 Dashboard page of Module 1 – NRR Forms Submissions

Upon successful on the authentication page, user will be directed to Dashboard page of ‘Module 1: NRR Forms Submissions’.

1.1.1 Right panel – Summary Statistics

On the right panel, a section is allocated for Summary Assessment Statistic of the center for the current year. Please review to see performance of your center.

The screenshot shows the eNRR Summary Statistics dashboard. The left sidebar contains navigation options like Home, Patient Registration, Patient List, Incomplete form, Pending Submission - Notif, Pending Submission - Outcome, Annual Return List, Centre Management, Data Query, Change Request (3 / 33), Reports, eMOSS, and Log Out. The main content area is titled 'Summary Statistics' and includes a 'Centre Participation' section with an 'Assessment Year' dropdown menu set to 2019. Below this is a table showing submission data for various centers.

Centre Name	Total Pending Response	Total Value Accepted	Total Value Corrected	Total
Bakti-NKF Dialysis Centre, HD Unit	0	0	0	0
Kuala Kubu Bharu Hospital, HD Unit	3	0	0	3
Persatuan Haemodialysis Klang, HD Unit	2	0	0	2
Selayang Hospital, CAPD Unit	0	0	0	0
Selayang Hospital, HD Unit	0	0	0	0
Selayang Hospital, Tx Unit	0	0	0	0
Sungai Buloh Hospital, HD Unit	0	0	0	0

Centre Name	Total AR	Total verified	Total not verified	Total Pending Submission	Total Revision Required	Total Submitted	Current total Annual return submission
Bakti-NKF Dialysis Centre, HD Unit	60	7	53	60	0	0	11.67%
Kuala Kubu Bharu Hospital, HD Unit	57	1	56	56	0	1	1.75%
Persatuan Haemodialysis Klang, HD Unit	87	3	84	86	0	1	3.45%
Selayang Hospital, CAPD Unit	469	0	469	469	0	0	0%
Selayang Hospital, HD Unit	76	5	71	71	0	5	6.58%
Selayang Hospital, Tx Unit	132	0	132	132	0	0	0%
Sungai Buloh Hospital, HD Unit	51	0	51	51	0	0	0%

1.1.2 Right panel – Announcement

On the right panel, a section is allocated for NRR Announcement. Kindly take note of the important announcement(s) made in this section

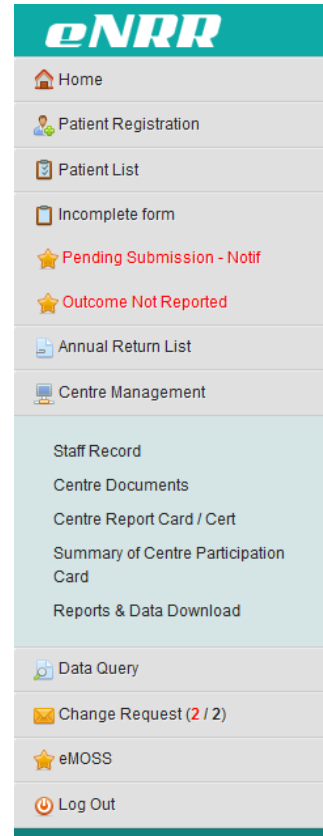


Picture 1.5 Announcement

### 1.1.3 Left panel – Menu item

On the left panel are the menu items:

- i. Home
- ii. Patient registration
- iii. Patient List
- iv. Incomplete form
  - Pending Submission – Notif
  - Notif Not Reported (NRR use)
  - Outcome Not Reported
- v. Annual return List
- vi. Centre Management
  - Centre Document
  - Centre Report Card/Cert
  - Summary of Centre Participation Card
  - Reports & Data Download
- vii. Data Query
- viii. Change Request
- ix. eMOSS
- x. Logout

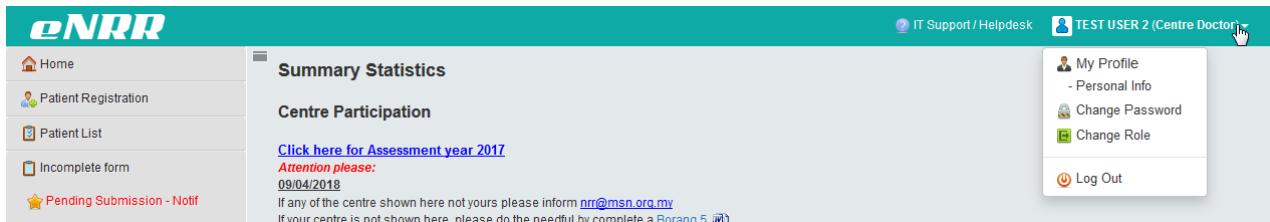


Picture 1.7a Menu Items – Left Panel

## 1.1.4 Top panel – Menu item

On the Top panel are the menu items:

- i. IT Support/Helpdesk
- ii. User's Account
  - Personal Info
  - Change Password
  - Change Role
  - Logout



Picture 1.7b Menu Items – Top Panel

*User's can only view parts of this menu items depending on their user role that has been assigned to them as stated in 2.2 Access group and Access Right for NRR users*

## 1.2 General notes and tips for form completion

- Please be informed that field with \*\* symbols are mandatory field.

3 \*\* Name & Title

- Radio or Round button indicates select one option only

Male  Female  N/A

- Drop down box indicates select one option only

State

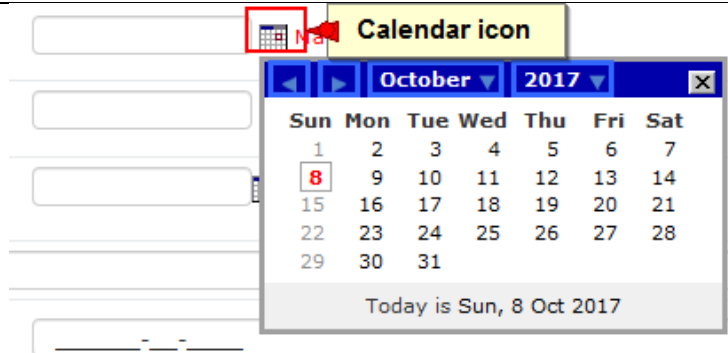
- Square box indicates select one or more checkboxes

Current Access in this patient had become difficulties as follows

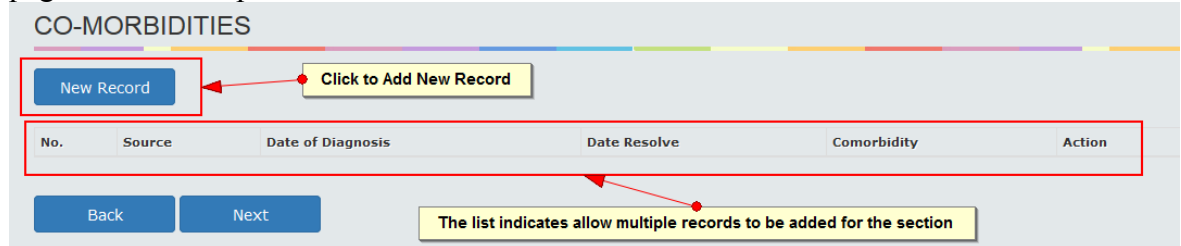
- No difficulties
- Difficulty in placement of needle for HD
- Difficulty in obtaining desired blood flow rate
- Other difficulties, specify
- Not Available

- Calendar icon indicates icon for selecting date popup

# Electronic National Renal Registry Application (eNRR)- Version 1.3



- For sections that have a listing section and ‘New Record’ button at the top, it means the page allows multiple records to be added to the section.

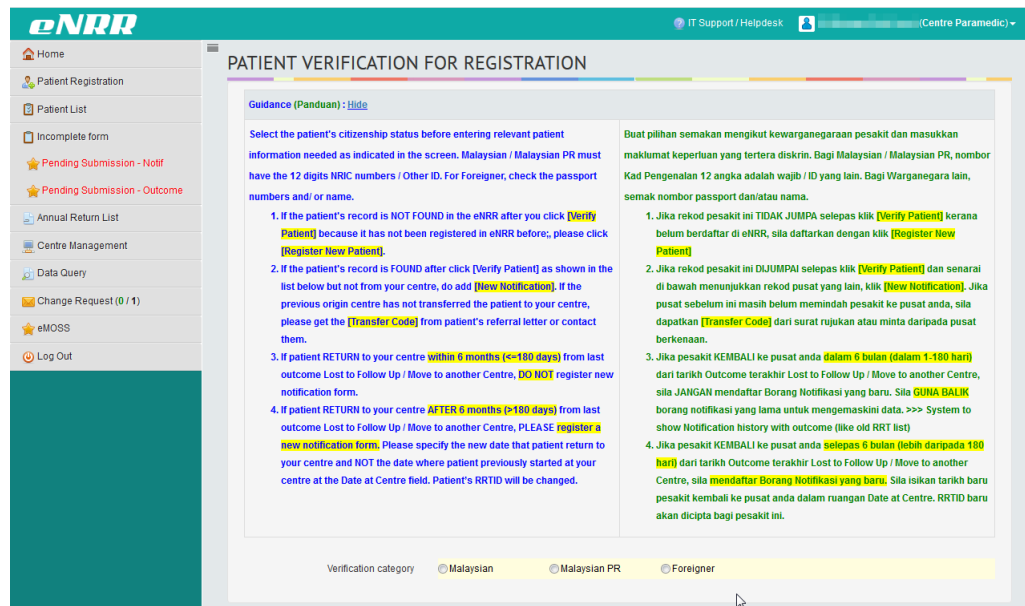


- Upon saving each form, some data quality checks would be done. The items that failed the checks would be shown above the form and the page would not be allowed to save

- Section 1: Patient Info : Name cannot be blank!
- Section 1: Patient Info : Please key in one of the following : 1)Malaysian NRIC 2)Old IC 3)Other ID document No.!
- Section 1: Patient Info : Gender cannot be blank!
- Section 1: Patient Info : ABO Blood Group cannot be blank!
- Section 1: Patient Info : SDP Name cannot be blank!
- Section 1: Patient Info : Date started dialysis / follow up at your centre cannot be blank!
- Section 3: Demographics : Citizenship cannot be blank!

## Patient Notification

- Please read the notes/instructions that provided in the page to guide you how to key-in/process the application.



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**ANNUAL RETURN** Last updated on 01/06/2018

**Nasihat**

1. AR 2018 ada sedikit pertukaran di halaman [VITAL SIGN] dan [LAB DATA].
2. [LAB DATA] - pastikan pilihan unit ukuran yang betul seperti tertera di keputusan ujian.
3. 'Sistem prompt' adalah bertujuan untuk perhatian anda dimana angka / maklumat yang telah diisi berkemungkinan di luar daripada lingkungan yang dibenarkan.
4. Semak [Data query] selepas penyerahan data. Jika maklumat ini benar, sila kemaskini = 'Accept Value' dan jika salah, sila buat pembetulan = 'Correct data'.
5. Amalan baik adalah selesaikan penyerahan sebelum bermulanya AR tahun susuran.

SDP Name:

SDP Modality:

Patient ID:

AR ID:

**VASCULAR ACCESS - 2019**

New Record

No.	Reported By	Date of Vascular Access	Access by	Dr. Perform Category	Sector	Access for HD	Date Remove	Source	Action
1	Melaka Hospital, HD Unit	01-12-2018		Plastic	MOH	HD Catheter		Notif-HD	

**Ataahan:**

1. Jika terdapat data dari tahun lepas atau data dari Notification Form, data tersebut akan di-auto ke AR tahun taksiran dan ditunjuk di atas.
2. Sila semak data di atas samada masih sah pada tahun taksiran ini dengan klik [ Q ].  
Jika data tersebut adalah tidak sah pada tahun taksiran ini,
  - a. Sila klik [ ] dan kemaskini data berkenaan di dalam Borang. ATAU
  - b. Sila buangkan data dengan klik [ ], ATAU
  - c. Isikan Date Remove bagi mana-mana Vascular Access di atas yang telah dikeluarkan atau jika data tersebut adalah tidak sah pada tahun taksiran. Kemudian, sila klik [ Update/Save ].
3. Klik [ New Record ] untuk menambah rekod baru.

Please tick this box to verify the above data is correct.  
Please make sure click 'Save (Update)' first if haven't.  
Verified by SN Masayu Binti Amat - 18-03-2019 13:22:50

Back Next

- Upon entered clinical data, system will alert you whether the value that you enter is out of range.

**LAB DATA**

Instruction : (Please enter the value into the appropriate box according to the lab test unit)  
Recording to the following test results for the last year at about 3 monthly interval. Please delete the appropriate unit of measurement (SI/Traditional)  
Setiap pesakit digalakkan menyalin ujian ujian ini sekurang-kurangnya 4 kali setahun di mana tambah ditanya ujian berjarak 2 - 3 bulan.  
Biarkan kosong (ti)

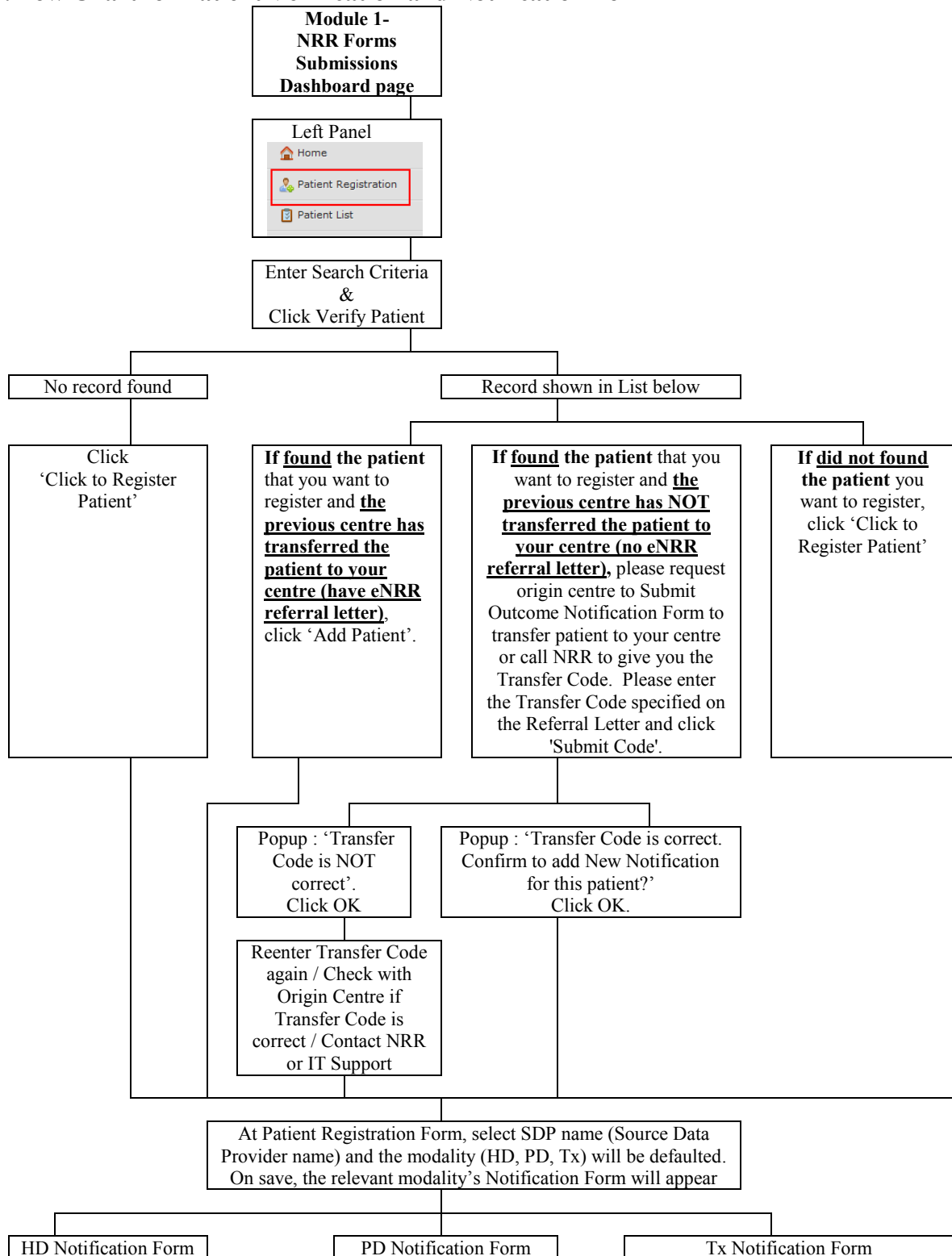
Sr Creatinine  
The value you entered is MORE than 1250 (on First Units column), Please check!  
Maklumat yang diisi LEBIH daripada 1250 (berdasarkan Unit yang pertama), Sila semak!

OK

TESTS	First Unit	Second Unit
1 Sr Creatinine	1500 umol/L	mg/dL

## 2.0 Patient Verification and Notification Form

### 2.1.Flow Chart for Patient Verification and Notification Form

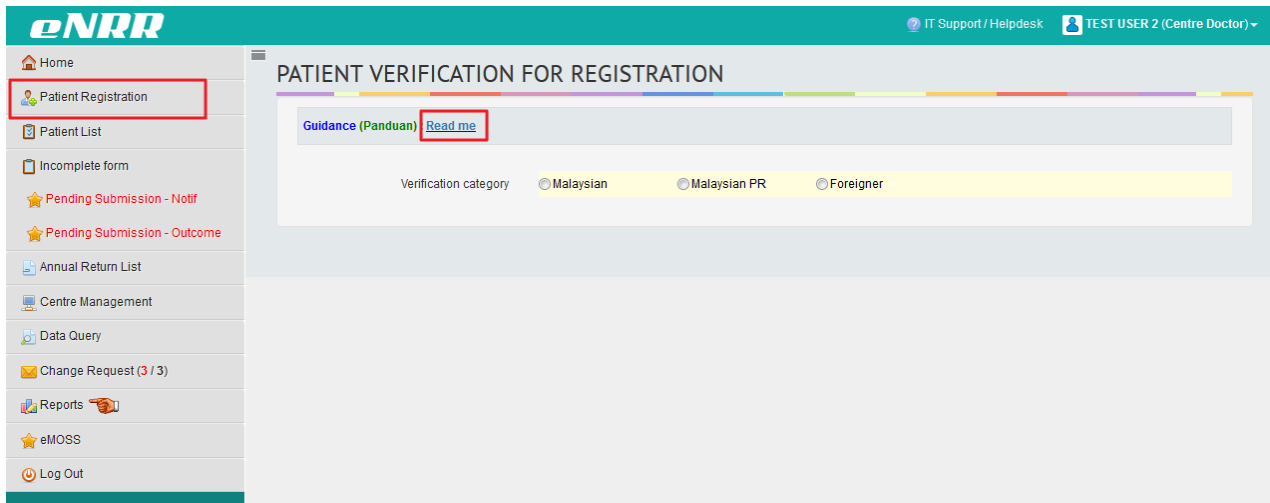
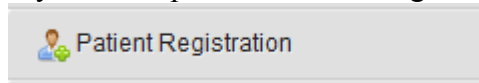


### 2.2. Patients Verification before Registration

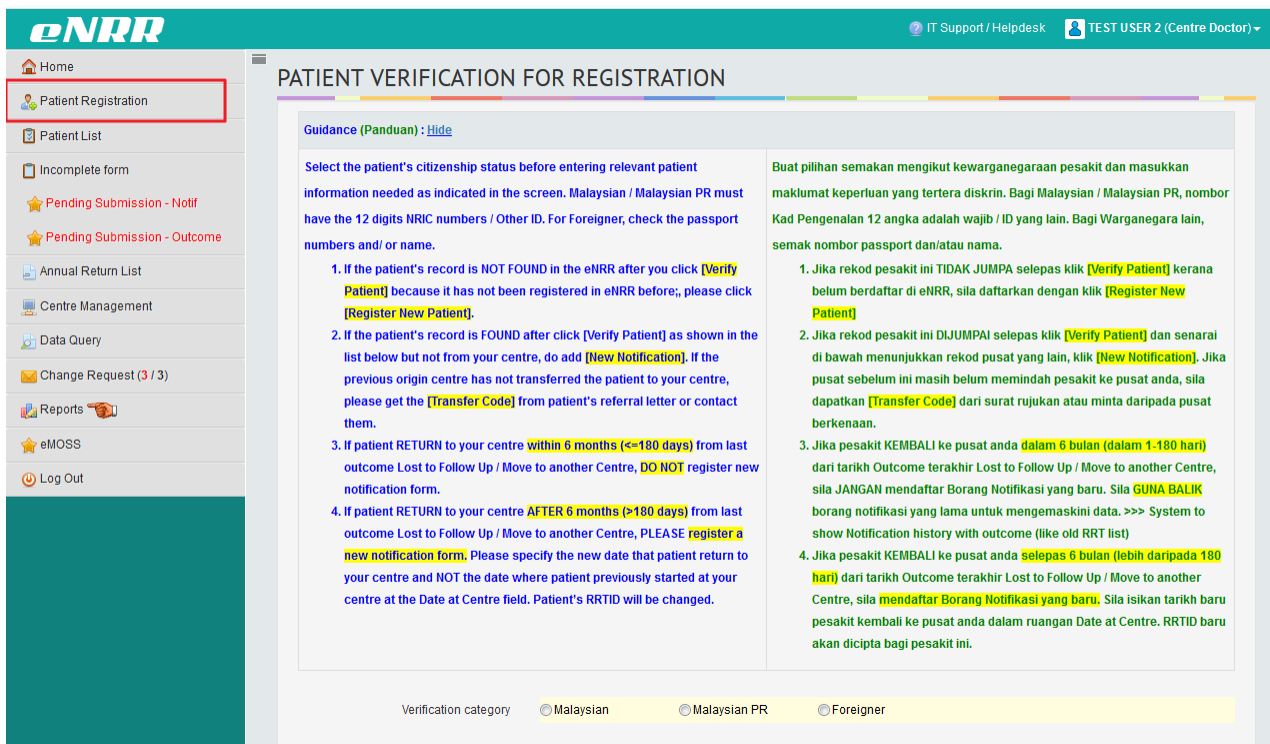


## Electronic National Renal Registry Application (eNRR)- Version 1.3

To register a patient, click on Register Patient button at the left panel – Menu button. Before registering a patient, please verify whether patient has been registered in the system before or not.



Before start, click on Read me to read the Guidance.



Picture 1.8 Patient Verification page

In the 'Verification' section, select Verification Category: Malaysian, Malaysian PR or Foreigner.

The relevant type of identification number for verification will appear.

- For Malaysian/Malaysian PR, please key in either one (1) of the identification number ( My NRIC OR Old IC / Tentera / Birth Cert field ). Enter again to re-confirm the value before.

## Electronic National Renal Registry Application (eNRR)- Version 1.3

Click

[Guidance \(Panduan\) : Read me](#)

Verification category  Malaysian  Malaysian PR  Foreigner

My NRIC  -  -

Re-confirm My NRIC  -  -

(12 digit, Format - yymmdd-ss-xxxx)

OR

Old IC / Tentera / Birth cert

Re-confirm Old IC / Tentera / Birth cert

**1. Key in either 1 (salah satu sahaja)**

**2. Enter again to re-confirm**

**3. Click Verify Patient**

- For Foreigner, please key in either one (1) of the identification ( Name OR Passport / Other field ). Enter again to re-confirm the value before.

Click

[Guidance \(Panduan\) : Read me](#)

Verification category  Malaysian  Malaysian PR  Foreigner

Name

Passport / Other ID Number

Re-confirm Passport / Other ID Number

**1. Key in either 1 (salah satu sahaja)**

**2. Enter again to re-confirm**

**3. Click Verify Patient**

A. If patient doesn't exist (i.e. New patient in registry), a message will appear as Picture 1.9a below. Click  to register as a new patient.

## Electronic National Renal Registry Application (eNRR)- Version 1.3

Guidance (Panduan) : [Read me](#)

[Search again](#)

**No records found.** Please click 'Register New Patient' button below to register a new Patient.

**Malaysian**  
**My NRIC : 750505-05-0505**

**Register New Patient**

Click this button to proceed to register patient

**Picture 1.9a** Patient Verification page –patient does not exist


B. If the patient exists in the database (i.e. Patient is shown in the list below), check if the name shown in the list below is the correct patient. If correct name is shown:

- If the previous centre has transferred the patient to your centre, click on the

 button.

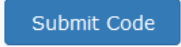
Guidance (Panduan) : [Read me](#)

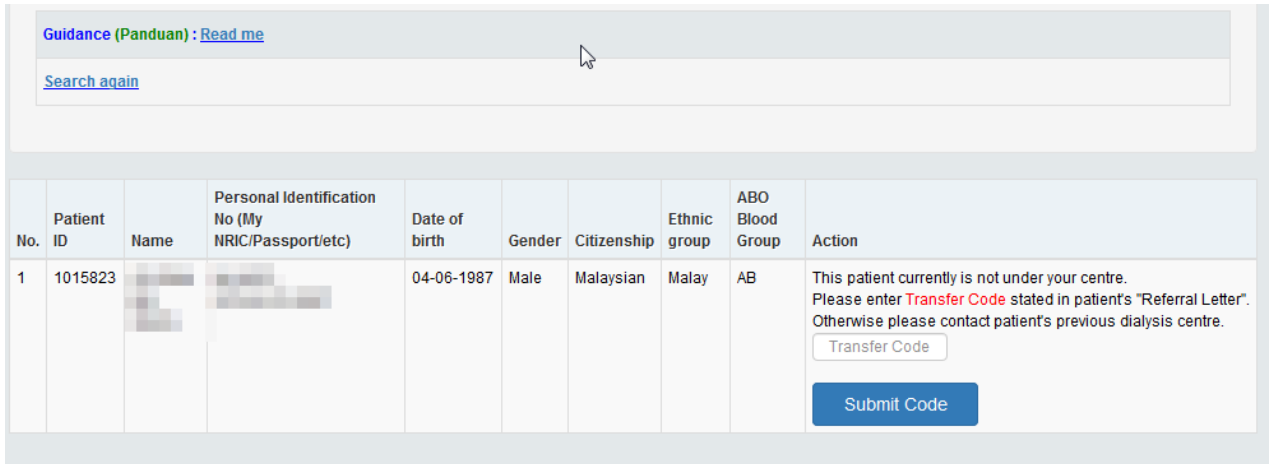
[Search again](#)

No.	Patient ID	Name	Personal Identification No (My NRIC/Passport/etc)	Date of birth	Gender	Citizenship	Ethnic group	ABO Blood Group	Action
1	1006788	SITI AMINAH BINTI ANUAR_TEST	My NRIC : 671111-12-2222	11-11-1967	Female	Malaysian	Malay	B	

**Picture 1.9bi** Patient Verification page –patient exists

### Electronic National Renal Registry Application (eNRR)- Version 1.3

- If the previous centre DID NOT transfer the patient to your centre, please request origin centre to Submit Outcome Notification Form to transfer patient to your centre or they not participate please call NRR Office to give you the Transfer. You may also call patient's previous dialysis centre to obtain it from the eNRR System's Notification List. Key in the Transfer Code. Click .

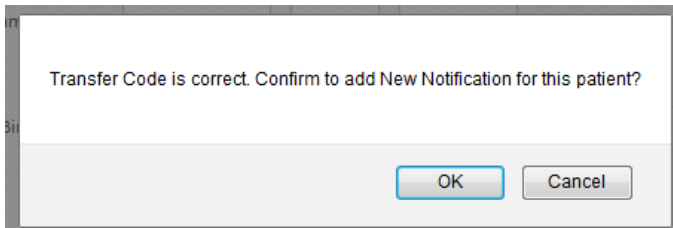


No.	Patient ID	Name	Personal Identification No (My NRIC/Passport/etc)	Date of birth	Gender	Citizenship	Ethnic group	ABO Blood Group	Action
1	1015823	[REDACTED]	[REDACTED]	04-06-1987	Male	Malaysian	Malay	AB	This patient currently is not under your centre. Please enter <b>Transfer Code</b> stated in patient's "Referral Letter". Otherwise please contact patient's previous dialysis centre. <input type="text" value="Transfer Code"/> <input type="button" value="Submit Code"/>

Picture 1.9bii Patient Verification page –patient exists

A popup will appear after you have Submitted Code above to indicate whether the transfer code has been correctly entered.

- If incorrect, a popup will indicate it is wrong. Reenter Transfer Code again / Check with Origin Centre if Transfer Code is correct / Contact NRR or IT Support.
- If correct, following popup will appear. Click OK to proceed to transfer patient to your current centre. Click Cancel to cancel transferring patient to your centre.



Transfer Code is correct. Confirm to add New Notification for this patient?

The NRR Patient Notification page will appear.

There are 3 types of Notification forms:

1. Hemodialysis (HD) Notification form
2. Peritoneal Dialysis (PD) Notification form
3. Transplant (Tx) Notification form

If the patient had prior notification before, his / her basic personal details and demographics information will be prefilled and not editable. If your centre is the same modality as the previous centre, Date Commence will be auto defaulted as well.

**eNRR**
Welcome test User 2 - Centre User Coordinator

- Home
- Patient Registration
- Patient List
- Annual Return List
- Centre Management
- Data Query
- Change Request (1 / 1)
- Reports
- Data download
- eMOSS
- My Profile
- Change Password
- IT Support / Helpdesk
- Change Role
- Log Out

## Patient Notification

Instruction : To update the Patient Info, please provide the reasons and details by clicking [Change Request](#).

### New HD Patient Notification Registration

1 ** SDP Name	Test Centre 2, HD (Modality: HD)		
2 Treatment courses	** Date started dialysis / follow up at your centre	<input type="text"/>	<input type="text"/>
	** Date Commence current modality	02-01-2018	<input type="text"/>
	Date started First dialysis after onset of ESRF	<input type="text"/>	<input type="text"/>
Nota: Pastikan tarikh untuk 'Date started dialysis / follow up at your centre' dan 'Date Commence current modality' adalah tepat. Jika tarikh-tarikh ini perlu diubah selepas anda klik Confirm & Next, sila klik <a href="#">Change Request</a> untuk menyatakan sebab.			
3 ** Name & Title	Name TEST PATIENT DEVI Title		
4 ** Identification card number	My NRIC	521111-11-1110	
		My NRIC Format - yymmdd-ss-xxxx	
	Old IC No		
	Other document no	Specify document type	Missing
	If Others, specify		
5 ** Date of birth	11-11-1952	Year of birth	1952
6 ** Gender	Female		
7 ** ABO Blood Group			
8 ** Citizenship	Malaysian		
	Country of Origin		
9 ** Ethnic group	Indian		
	Race Other Malaysian		
	Others, specify		

Sila tekan 'Save(Update)' atau 'Save & Back' untuk simpan data sebagai draf.  
Sila tekan 'Save and Submit' untuk simpan data yang sudah selesai dan hantar borang ke NRR.

2.3.Notification Form

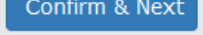
2.3.1. HD Notification form

The screenshot shows the 'Patient Notification' form in the eNRR application. The form is titled 'New HD Patient Notification Registration' and contains the following fields:

- 1 \*\* SDP Name: Selayang Hospital, HD Unit (Modality: HD)
- 2 Treatment courses: Date started dialysis / follow up at your centre: 06-10-2017
- 3 \*\* Name & Title: Name: Test Patient John. A/L Smith, Title: [empty]
- 4 \*\* Identification card number: My NRIC: 731111-17-1111, My NRIC Format - yymmdd-ss-xxxx, Old IC No: [empty], Other document no: [empty], Specify document type: [empty]
- 5 \*\* Date of birth: 11-11-1973, Year of birth: 1973
- 6 \*\* Gender:  Male,  Female,  N/A
- 7 \*\* ABO Blood Group:  A,  B,  AB,  O,  Not available
- 8 \*\* Citizenship:  Malaysian,  Foreigner, specify,  Malaysian PR, Country of Origin: [empty]
- 9 Ethnic group: Indian, Race Other Malaysian: [empty], Others, specify: [empty]

A 'Confirm & Next' button is located at the bottom right of the form.

Picture 2.3.1a Notification form – Patient Registration

After completed the page, click on the  button to save the data into the database.

The subsequent pages / form sections to be continued would be based on the modality of the Source Data Provider (SDP) selected, i.e. HD / PD / Tx Notification form.

**Form Section**  
The page shown on the right is highlighted on the left panel shown as below

Home  
Patient Registration  
Patient List  
HD Notification  
Part 1: Patient Info  
Part 2: Contact Info  
Part 3: Demographics  
Part 4: Clinical Diagnosis  
Part 5: Co-morbidities  
Part 6: Submission Status  
Annual Return List  
Centre Management  
Data Query  
Change Request (3 / 33)  
Reports  
eMOSS  
Log Out

04310 Selayang Hospital, HD Unit  
SITI AMINAH BINTI ANUAR\_TEST, 671111-12-2222, N/A, N/A, Female, 11-11-1967  
Patient ID : 1006788, RRT ID : 3913434, Notif ID : 154576

**HD Patient Notification**

Note : To update the Patient Info, please provide the reasons and details by clicking [Here](#)

**Part 1: Patient Info**

1 SDP Name Selayang Hospital, HD Unit  
Code : 04310

2 \*\* Modality of the centre HD

3 \*\* Name & Title Name SITI AMINAH BINTI ANUAR\_TEST Title

4 \*\* Identification card number My NRIC 671111-12-2222  
My NRIC Format - yyymmdd-ss-xxxx  
Old IC No  
Other document no Specify document type Missing  
If Other Malaysian, specify

5 \*\* Date of birth 11-11-1967 Year of birth 1967

6 \*\* Gender Female

7 \*\* ABO Blood Group B

Patient RRT List (Date Commence order)								
No.	RRT ID	Notif ID	SDP Name	Date Commence	Date at centre/follow up at your centre	Date of Outcome	Modality of the centre	Outcome status
1	3905257	139978	Test Centre 1, HD	03-02-2018	07-02-2018	01-03-2018	HD	Moved to another centre
2	3913434	154576	Selayang Hospital, HD	03-02-2018	21-06-2019	21-06-2019	HD	Alive On RRT

8 Treatment courses  
Date started dialysis / follow up at your centre 21-06-2019  
Date Commence current modality 03-02-2018  
Date started first dialysis after onset of ESRF  
Note: Jika 'Date started dialysis / follow up at your centre' dan 'Date Commence current modality' perlu diubah, sila klik [Change Request](#) untuk menyatakan sebab.

9 Is this patient on Hybrid therapy? If patient on CAPD and also doing HD at your centre, please tick.  
Only the PD Centre need to submit Annual Return Form for the patient.

10 Age Started at your centre 51.6

11 \*\* HD Category  
 Centre  Home  Office  
 Not available  Others, specify

Save (Update) Save & Next

Picture 2.3.1b HD Notification form – Part 1

Click on the **Save & Next** button to save page and proceed to the next page. This is recommended.

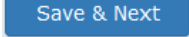
Click on the **Save (Update)** button to save page and remain on the same page.

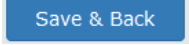
Note: Clicking the Form Section title on the left panel will **NOT save the record**.

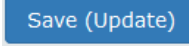
# Electronic National Renal Registry Application (eNRR)- Version 1.3

The screenshot shows the eNRR interface with the 'HD Patient Notification' form. The top header includes the eNRR logo, 'IT Support / Helpdesk', and '(Centre Doctor)'. The left sidebar contains navigation options like Home, Patient Registration, Patient List, Incomplete form, Pending Submission - Notif, Pending Submission - Outcome, Patient Care, Patient Info, HD Notification, Annual Return List, Centre Management, Data Query, Change Request (3 / 33), and Reports. The main content area displays patient information for '04310 Selayang Hospital, HD Unit' and 'SITI AMINAH BINTI ANUAR\_TEST, 671111-12-2222, N/A, N/A, Female, 11-11-1967'. The form is titled 'HD Patient Notification' and is currently on 'Part 2: Contact Info'. The form fields include: 1. Address: No 23 Jalan Kemuning 12, Taman Kemuning Seksyen 11; 2. Postcode: 57200; 3. Town / City: Selayang; 4. State: Selangor Darul Ehsan; 5. Country: MALAYSIA; 6. Contact number: Homephone, Handphone tel (012654987), Work telephone, and Fax. At the bottom, there are three buttons: 'Save & Back', 'Save (Update)', and 'Save & Next'. A green note at the bottom states: 'Sila tekan 'Save(Update)' atau 'Save & Back' untuk simpan data sebagai draf. Sila tekan 'Save and Submit' untuk simpan data yang sudah selesai dan hantar borang ke NRR.'

Picture 2.3.1c HD Notification form – Part 2

Click on the  button to save page and proceed to the next page. This is recommended.

Click on the  button to save page and return to the previous page.

Click on the  button to save page and remain on the same page.

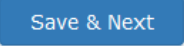
Note: Clicking the Form Section title on the left panel will **NOT save the record**.

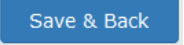
The screenshot shows the eNRR interface with the 'HD Patient Notification' form. The top header includes the eNRR logo, 'IT Support / Helpdesk', and '(Centre Doctor)'. The left sidebar contains navigation options like Home, Patient Registration, Patient List, Incomplete form, Pending Submission - Notif, Pending Submission - Outcome, Patient Care, Patient Info, HD Notification, Annual Return List, Centre Management, Data Query, Change Request (3 / 33), and Reports. The main content area displays patient information for '04310 Selayang Hospital, HD Unit' and 'SITI AMINAH BINTI ANUAR\_TEST, 671111-12-2222, N/A, N/A, Female, 11-11-1967'. The form is titled 'HD Patient Notification' and is currently on 'Part 3: Demographics'. The form fields include: 1. Citizenship: Malaysian; Country of Origin: MALAYSIA; 2. Ethnic group: Malay; Race Other Malaysian: Missing; If Other Malaysian, specify: ; 3. Marital status: Married; 4. Highest Education: No formal education, Primary, Secondary, Tertiary, Not available; 5. Family Income/month: RM 3,001 - 5,000; 6. Current occupation: Others; If Others, specify: ; 7. Cigarette smoker: Never, Former, Current, Not available. At the bottom, there are three buttons: 'Save & Back', 'Save (Update)', and 'Save & Next'. A green note at the bottom states: 'Sila tekan 'Save(Update)' atau 'Save & Back' untuk simpan data sebagai draf. Sila tekan 'Save and Submit' untuk simpan data yang sudah selesai dan hantar borang ke NRR.'

Picture 2.3.1d HD Notification form – Part 3

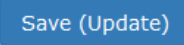


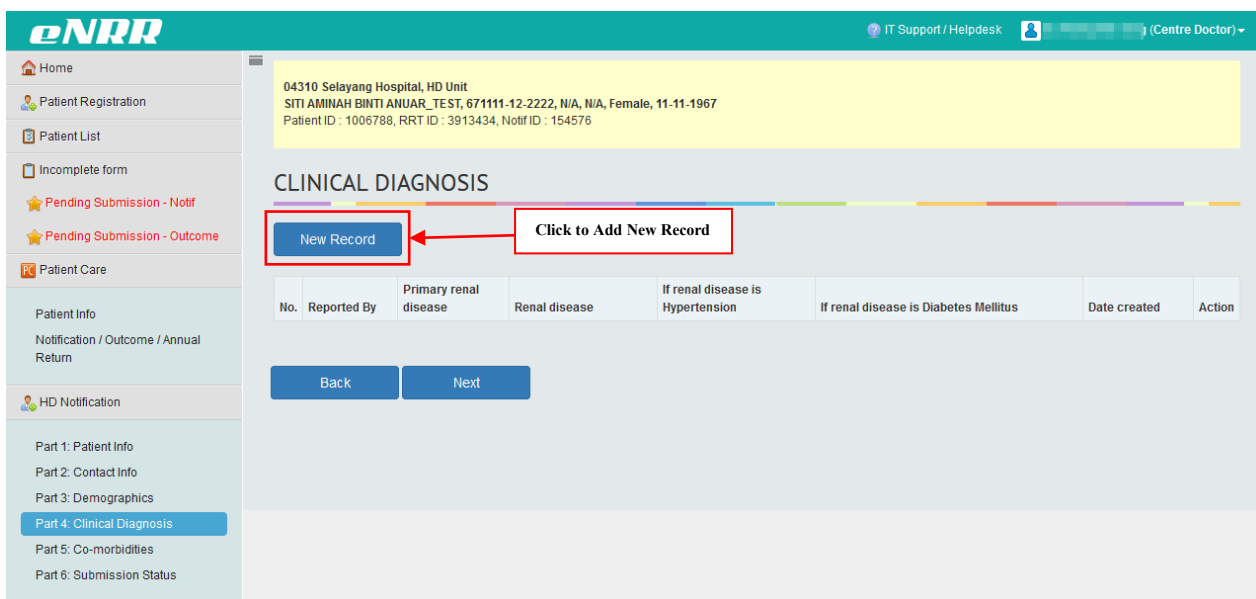
## Electronic National Renal Registry Application (eNRR)- Version 1.3

Click on the  button to save page and proceed to the next page. This is recommended.

Click on the  button to save page and return to the previous page.


Note: Clicking the Form Section title on the left panel will **NOT save the record**.

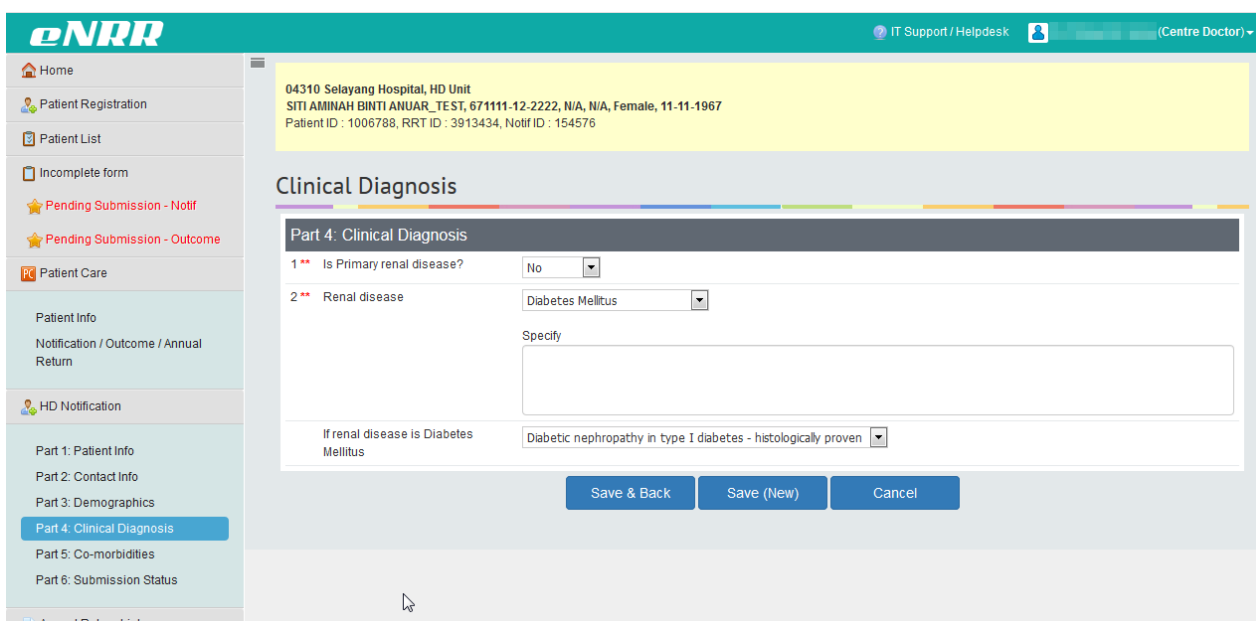
Click on the  button to save page and remain on the same page.



The screenshot shows the eNRR application interface. The top navigation bar includes 'Home', 'Patient Registration', 'Patient List', 'Incomplete form', 'Pending Submission - Notif', 'Pending Submission - Outcome', and 'Patient Care'. The left sidebar lists 'Patient Info', 'HD Notification', and 'Part 1: Patient Info' through 'Part 6: Submission Status'. The main content area displays patient information for '04310 Selayang Hospital, HD Unit' and 'SITI AMINAH BINTI ANUAR\_TEST'. Below this is the 'CLINICAL DIAGNOSIS' section, which includes a 'New Record' button highlighted with a red box and an arrow pointing to it from a callout box labeled 'Click to Add New Record'. A table with columns for 'No.', 'Reported By', 'Primary renal disease', 'Renal disease', 'If renal disease is Hypertension', 'If renal disease is Diabetes Mellitus', 'Date created', and 'Action' is visible. Below the table are 'Back' and 'Next' buttons.

Picture 2.3.1e1 HD Notification form – Part 4

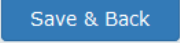
Click on the  button to add a new record and proceed to the details page of the form.

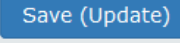


The screenshot shows the eNRR application interface. The top navigation bar includes 'Home', 'Patient Registration', 'Patient List', 'Incomplete form', 'Pending Submission - Notif', 'Pending Submission - Outcome', and 'Patient Care'. The left sidebar lists 'Patient Info', 'HD Notification', and 'Part 1: Patient Info' through 'Part 6: Submission Status'. The main content area displays patient information for '04310 Selayang Hospital, HD Unit' and 'SITI AMINAH BINTI ANUAR\_TEST'. Below this is the 'Clinical Diagnosis' section, which includes a 'Part 4: Clinical Diagnosis' form. The form includes fields for '1 \*\* Is Primary renal disease?' (No), '2 \*\* Renal disease' (Diabetes Mellitus), and 'Specify' (Diabetic nephropathy in type I diabetes - histologically proven). Below the form are 'Save & Back', 'Save (New)', and 'Cancel' buttons.

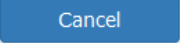
Picture 2.3.1e2 HD Notification form – Part 4

## Electronic National Renal Registry Application (eNRR)- Version 1.3

Click on the  button to save page and return to the previous page.

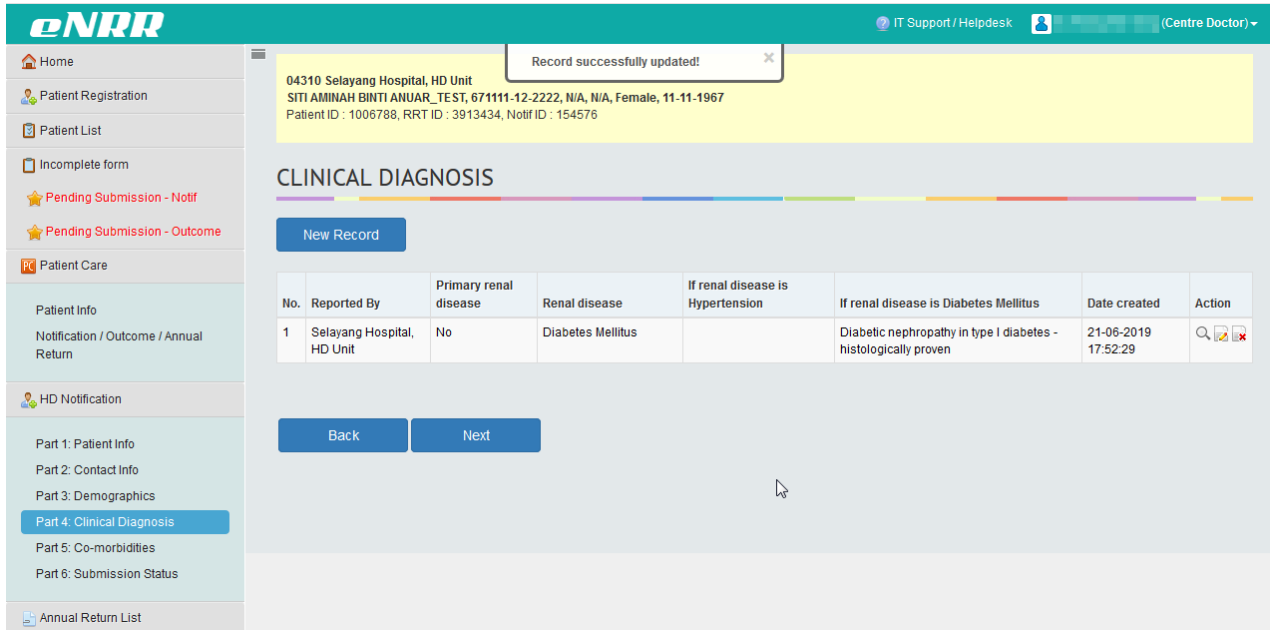
Click on the  button to save page and remain on the same page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.




Click on the  button to cancel the record to return to the previous page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.

Clicking Save (New) button above will return to **Clinical Diagnosis** listing page to view the record that you've just saved

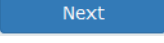



The screenshot shows the eNRR interface. At the top, there's a teal header with the eNRR logo and user information: "IT Support / Helpdesk" and "(Centre Doctor)". A navigation menu on the left includes: Home, Patient Registration, Patient List, Incomplete form, Pending Submission - Notif, Pending Submission - Outcome, Patient Care, Patient Info (Notification / Outcome / Annual Return), HD Notification, Part 1: Patient Info, Part 2: Contact Info, Part 3: Demographics, Part 4: Clinical Diagnosis (highlighted), Part 5: Co-morbidities, Part 6: Submission Status, and Annual Return List. The main content area displays a yellow notification box: "Record successfully updated!" with details for patient 04310 Selayang Hospital, HD Unit, SITI AMINAH BINTI ANUAR\_TEST, 671111-12-2222, N/A, N/A, Female, 11-11-1967, Patient ID: 1006788, RRT ID: 3913434, Notif ID: 154576. Below this is the "CLINICAL DIAGNOSIS" section with a "New Record" button and a table:

No.	Reported By	Primary renal disease	Renal disease	If renal disease is Hypertension	If renal disease is Diabetes Mellitus	Date created	Action
1	Selayang Hospital, HD Unit	No	Diabetes Mellitus		Diabetic nephropathy in type I diabetes - histologically proven	21-06-2019 17:52:29	  

At the bottom of the table are "Back" and "Next" buttons.

Picture 2.3.1e3 HD Notification form – Part 4


Click on the  to proceed to the next section – Part 5. This is recommended.

Click on the  to return to the previous section – Part 3.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.

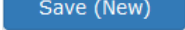
# Electronic National Renal Registry Application (eNRR)- Version 1.3

Picture 2.3.1f(i) HD Notification form – Part 5 – Listing page

Click on the  button to add a new record and proceed to the details page of the form.

Note: Clicking the Form Section title on the left panel will **NOT** save the record.

Picture 2.3.1f(ii) HD Notification form – Part 5 – Details page

Click on the  button to save page and return to the Part 5- Listing page. This is recommended so that you could review what you have entered.

Click on the  button to save page and return to the previous section – Part 4.

Click on the  button to cancel the record to return to the previous page.

Note: Clicking the Form Section title on the left panel will **NOT** save the record.

## Electronic National Renal Registry Application (eNRR)- Version 1.3


Clicking Save (New) button above will return to Co-morbidities listing page to view the record that you've just saved


The screenshot shows the eNRR interface. At the top, there's a notification: "Record successfully added!". Below that, patient details are shown: "04310 Selayang Hospital, HD Unit", "SITI AMINAH BINTI ANUAR\_TEST, 671111-12-2222, N/A, N/A, Female, 11-11-1967", and "Patient ID : 1006788, RRT ID : 3913434, Notif ID : 154576". The main section is titled "CO-MORBIDITIES" and contains a "New Record" button. Below is a table with the following data:

No.	Reported By	Date of Diagnosis	Date Resolve	Comorbidity	Date created	Action
1	Selayang Hospital, HD Unit	21-06-2019		Diabetes mellitus	21-06-2019 18:19:02	[Search] [Print] [Delete]

At the bottom of the table area, there are "Back" and "Next" buttons. The left sidebar shows navigation options, with "Part 5: Co-morbidities" highlighted.

Picture 2.3.1f(iii) HD Notification form – Part 5 – Listing page

Click on the  to proceed to the next section – Part 6. This is recommended.

Click on the  to return to the previous section – Part 4.

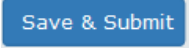
Note: Clicking the Form Section title on the left panel will **NOT** save the record.


The screenshot shows the eNRR interface. At the top, there's a notification: "Record successfully added!". Below that, patient details are shown: "04310 Selayang Hospital, HD Unit", "SITI AMINAH BINTI ANUAR\_TEST, 671111-12-2222, N/A, N/A, Female, 11-11-1967", and "Patient ID : 1006788, RRT ID : 3913434, Notif ID : 154576". The main section is titled "HD Patient Notification" and contains a "Submission Status" section with the following data:

No.	Submission Status
1	Pending submission

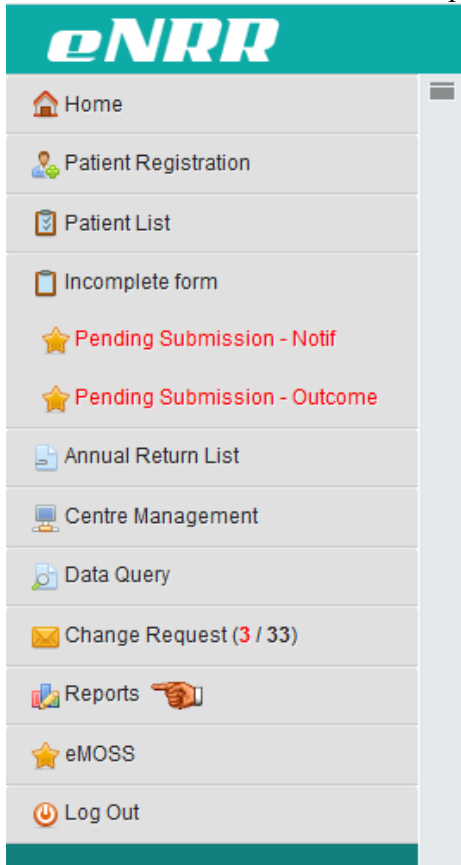
Below the table, there are fields for "Submission Date", "Submitted By", and "Revision Required Reason". At the bottom of the form area, there are "Back" and "Save & Submit" buttons. A green message at the bottom reads: "Silakan tekan 'Back' untuk kembali ke bahagian 'Part 5'. Silakan tekan 'Save and Submit' untuk simpan data yang sudah selesai dan hantar borang ke NRR." The left sidebar shows navigation options, with "Part 6: Submission Status" highlighted.

2.3.1g HD Notification form – Part 6 – Submission Status

Click on the  button to save and lock the form. After submit, the patient's notification will be locked and you will not be able to edit the record.

Click on the  button to go back to previous section (Part 5).

Click on the menu item on the left panel to proceed to what you wish to do next.



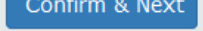
2.3.2. PD Notification form

The screenshot shows the 'Patient Notification' form in the eNRR system. The form is titled 'New PD Patient Notification Registration' and contains several sections for data entry:

- 1\*\* SDP Name:** A dropdown menu with 'Selayang Hospital, CAPD Unit' selected.
- 4 Treatment courses:** Includes fields for 'Date started dialysis / follow up at your centre' (24-04-2019), 'Date Commence current modality' (24-04-2019), and 'Date started First dialysis after onset of ESRF'.
- 5\*\* Name & Title:** Name field contains 'Test Pt:PD Thana'.
- 6\*\* Identification card number:** Includes 'My NRIC' (750505-05-0505), 'Old IC No', and 'Other document no' with a 'Specify document type' dropdown.
- 7\*\* Date of birth:** Date field (05-05-1975) and 'Year of birth' (1975).
- 8\*\* Gender:** Radio buttons for 'Male' (selected) and 'Female'.
- 9\*\* ABO Blood Group:** Radio buttons for 'A', 'B', 'AB', 'O' (selected), and 'Not available'.
- 10\*\* Citizenship:** Radio buttons for 'Malaysian' (selected) and 'Other'. Includes a 'Country of Origin' dropdown.
- 11\*\* Ethnic group:** Includes 'Indian' (selected), 'Race Other Malaysian', and 'Others, specify'.

A 'Confirm & Next' button is located at the bottom right of the form.

Picture 2.3.2a Notification form – Patient Registration

After completed the page, click on the  button to save the data into the database. The above page will lead to PD Notification form due to SDP Name (item 1) selected is PD Centre.

**Form Section**  
The page shown on the right is highlighted on the left panel shown as below

04330 Selangor Hospital, CAPD Unit  
TEST PT PD THANA, 750505-05-0505, N/A, N/A, Male, 05-05-1975  
Patient ID : 1015963, RRT ID : 2902344, Notif ID : 154577

**PD Patient Notification**

Note : To update the Patient Info, please provide the reasons and details by clicking [Here](#)

**Part 1: Patient Info**

1 SDP Name Selangor Hospital, CAPD Unit  
Code : 04330

2 \*\* Modality of the centre PD

3 \*\* Name & Title Name TEST PT PD THANA Title

4 \*\* Identification card number My NRIC 750505-05-0505  
My NRIC Format - yymdd-ss-xxxx  
Old IC No  
Other document no Specify document type Missing  
If Other Malaysian, specify

5 \*\* Date of birth 05-05-1975 Year of birth 1975

6 \*\* Gender Male

7 \*\* ABO Blood Group O

Patient RRT List (Date Commence order)								
No.	RRT ID	Notif ID	SDP Name	Date Commence	Date at centre/follow up at your centre	Date of Outcome	Modality of the centre	Outcome status
1	2902344	154577	Selangor Hospital, CAPD	24-04-2019	24-04-2019	24-04-2019	PD	Alive on RRT

8 Treatment courses Date started dialysis / follow up at your centre 24-04-2019  
Date Commence current modality 24-04-2019  
Date started first dialysis after onset of ESRF  
Nota: Jika 'Date started dialysis / follow up at your centre' dan 'Date Commence current modality' perlu diubah, sila klik [Change Request](#) untuk menyatakan sebab.

9 Is this patient on Hybrid therapy?   
If patient on CAPD and also doing HD at your centre, please tick.  
Only the PD Centre need to submit Annual Return Form for the patient.

10 Age Started at your centre 44

Save (Update) Save & Next

Picture 2.3.2b PD Notification form – Part 1

Click on the **Save & Next** button to save page and proceed to the next page. This is recommended.

Click on the **Save (Update)** button to save page and remain on the same page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.

# Electronic National Renal Registry Application (eNRR)- Version 1.3

04330 Selayang Hospital, CAPD Unit  
TEST PT PD THANA, 750505-05-0505, N/A, N/A, Male, 05-05-1975  
Patient ID : 1015963, RRT ID : 2902344, Notif ID : 154577

### PD Patient Notification

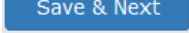
Part 2: Contact Info

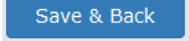
1	Address	No 34 Jalan 34/3	
2	Postcode	<input type="text"/>	
3 **	Town / City	Selayang	
4 **	State	Wilayah Persekutuan Kuala Lumpur	
5 **	Country	MALAYSIA	
6 **	Contact number	Homephone	<input type="text"/>
		Handphone tel	012654987
		Work telephone	<input type="text"/> ext <input type="text"/>
		Fax	<input type="text"/>

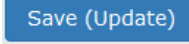
Save & Back   Save (Update)   Save & Next

Silta tekan 'Save(Update)' atau 'Save & Back' atau 'Save & Next' untuk simpan data sebagai draf.

Picture 2.3.2c PD Notification form – Part 2

Click on the  button to save page and proceed to the next page. This is recommended.

Click on the  button to save page and return to the previous page.

Click on the  button to save page and remain on the same page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.



# Electronic National Renal Registry Application (eNRR)- Version 1.3

04330 Selayang Hospital, CAPD Unit  
TEST PT PD THANA, 750505-05-0505, N/A, N/A, Male, 05-05-1975  
Patient ID : 1015963, RRT ID : 2902344, Notif ID : 154577

### PD Patient Notification

#### Part 3: Demographics

1 \*\* Citizenship **Malaysian**  
Country of Origin **MALAYSIA**

2 \*\* Ethnic group **Indian**  
Race Other Malaysian **Missing**  
If Other Malaysian, specify

3 \*\* Marital status **Married**

4 \*\* Highest Education  No formal education  Primary  Secondary  
 Tertiary  Not available

5 \*\* Family Income/month **RM 3,001 - 5,000**

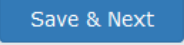
6 Current occupation **Factory Worker**


7 \*\* Cigarette smoker  Never  Former  Current  
 Not available

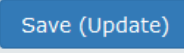
Save & Back Save (Update) Save & Next

Silata tekan 'Save(Update)' atau 'Save & Back' atau 'Save & Next' untuk simpan data sebagai draf.

Picture 2.3.2d PD Notification form – Part 3

Click on the  button to save page and proceed to the next page. This is recommended.

Click on the  button to save page and return to the previous page.

Click on the  button to save page and remain on the same page.

Note: Clicking the Form Section title on the left panel will **NOT** save the record.


### CLINICAL DIAGNOSIS

**New Record** Click to Add New Record

No.	Reported By	Primary renal disease	Renal disease	If renal disease is Hypertension	If renal disease is Diabetes Mellitus	Date created	Action
-----	-------------	-----------------------	---------------	----------------------------------	---------------------------------------	--------------	--------

Back Next

Picture 2.3.2e(i) PD Notification form – Part 4

Click on the  button to add a new record and proceed to the details page of the form.

# Electronic National Renal Registry Application (eNRR)- Version 1.3

04330 Selayang Hospital, CAPD Unit  
TEST PT PD THANA, 750505-05-0505, N/A, N/A, Male, 05-05-1975  
Patient ID : 1015963, RRT ID : 2902344, Notif ID : 154577

### Clinical Diagnosis

**Part 4: Clinical Diagnosis**

1 \*\* Is Primary renal disease? Yes

2 \*\* Renal disease Glomerulonephritis, specify

Specify

If Glomerulonephritis, specify

Report not conclusive  No / not enough glomeruli  Others, specify

Primary GN FSGS  
If FSGS Tip lesion

Secondary GN

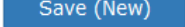
Hereditary

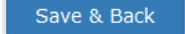
Advance GN

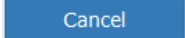
Others

Save & Back Save (New) Cancel

Picture 2.3.2e(ii) PD Notification form – Part 4

Click on the  button to save page and return to the Part 4- Listing page. This is recommended so that you could review what you have entered.

Click on the  button to save page and return to the previous page.

Click on the  button to cancel the record to return to the previous page.

Record successfully added!

04330 Selayang Hospital, CAPD Unit  
TEST PT PD THANA, 750505-05-0505, N/A, N/A, Male, 05-05-1975  
Patient ID : 1015963, RRT ID : 2902344, Notif ID : 154577

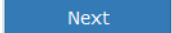
### CLINICAL DIAGNOSIS

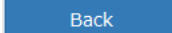
New Record

No.	Reported By	Primary renal disease	Renal disease	If renal disease is Hypertension	If renal disease is Diabetes Mellitus	Date created	Action
1	Selayang Hospital, CAPD Unit	Yes	Glomerulonephritis, specify			21-06-2019 19:41:49	

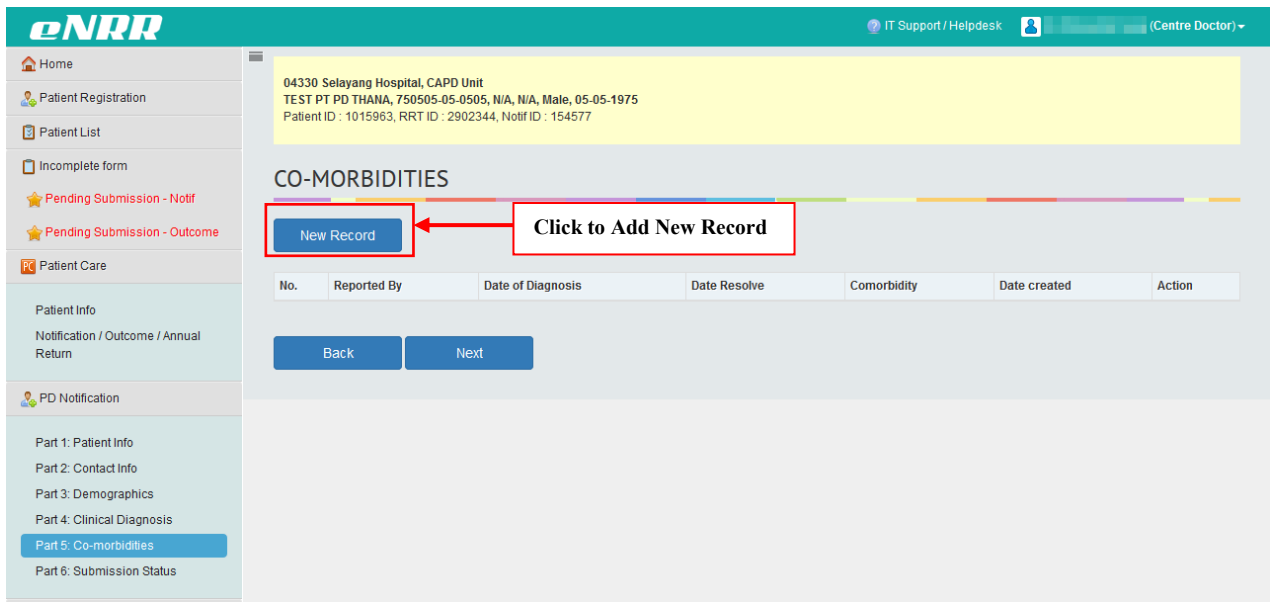
Back Next

Picture 2.3.2e(iii) PD Notification form – Part 4

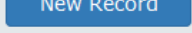
Click on the  to proceed to the next section – Part 5. This is recommended.

Click on the  to return to the previous section – Part 3.

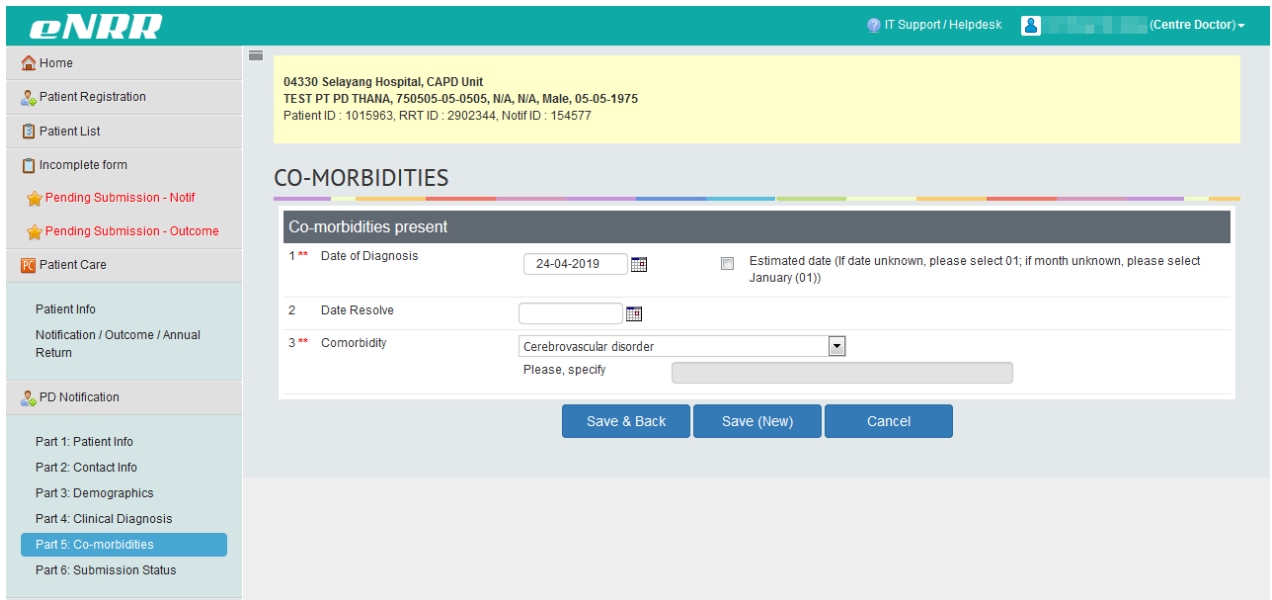
# Electronic National Renal Registry Application (eNRR)- Version 1.3



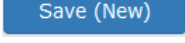
Picture 2.3.2f(i) PD Notification form – Part 5 – Listing page

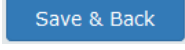
Click on the  button to add a new record and proceed to the details page of the form.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.



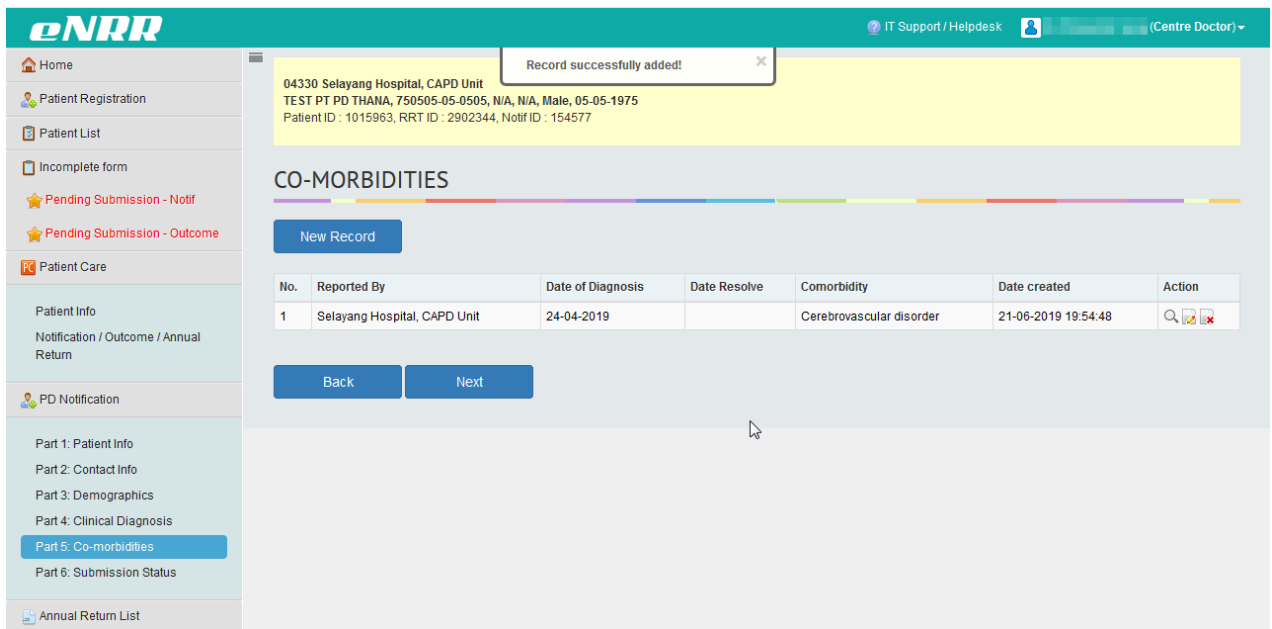
Picture 2.3.2f(ii) PD Notification form – Part 5 – Details page

Click on the  button to save page and return to the Part 5- Listing page. This is recommended so that you could review what you have entered.


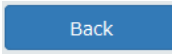
Click on the  button to save page and return to the previous section – Part 4.

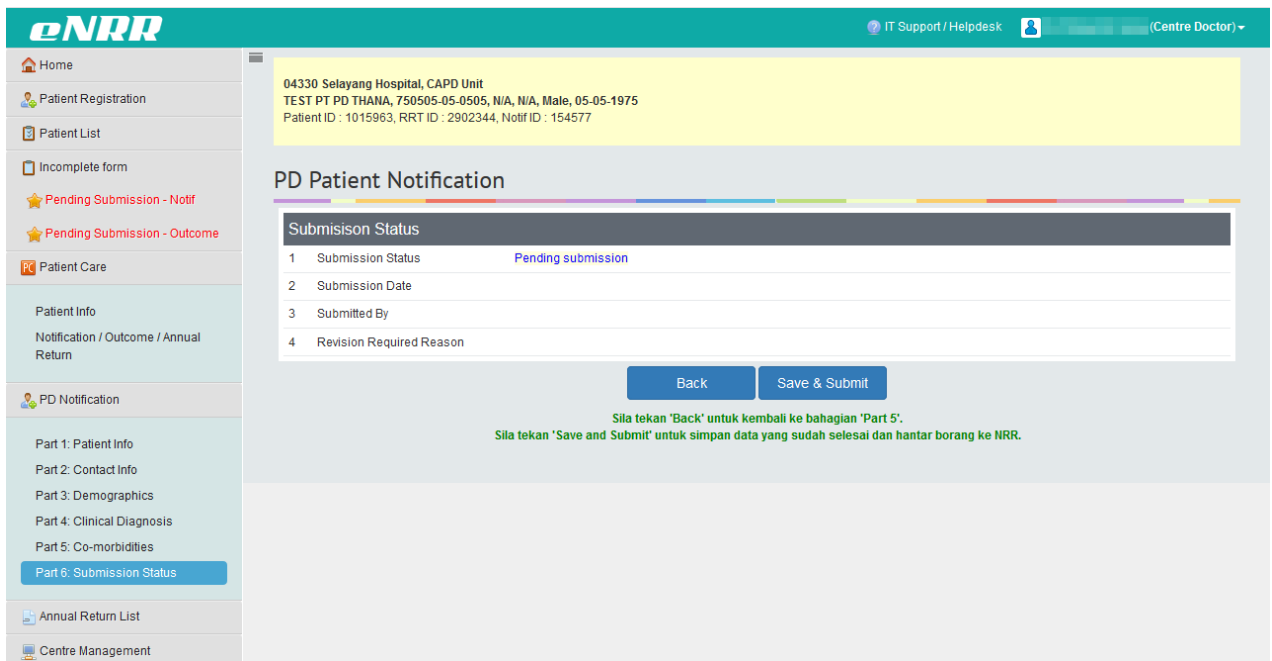
Click on the  button to cancel the record to return to the previous page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.


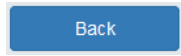


Picture 2.3.2f(iii) PD Notification form – Part 5 – Listing page

Click on the  to proceed to the next section – Part 6. This is recommended.  
Click on the  to return to the previous section – Part 4.



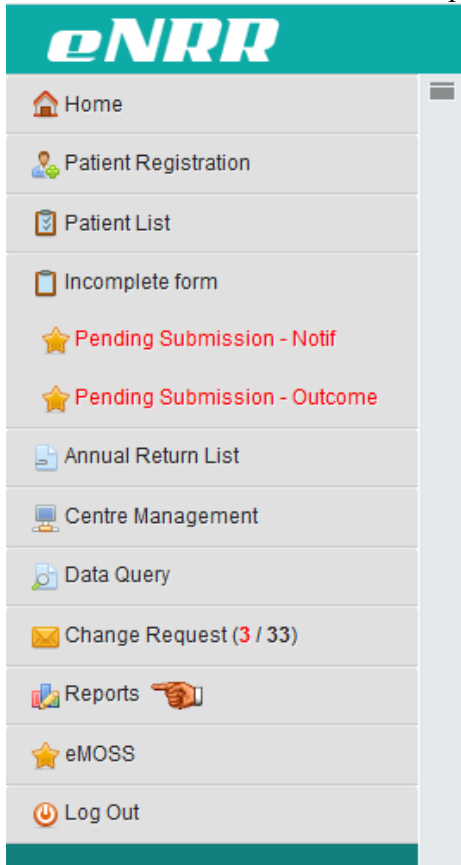
Picture 2.3.2g PD Notification form – Part 6 – Submission Status

Click on the  button to save and lock the form. After submit, the patient's notification will be locked and you will not be able to edit the record.  
Click on the  button to go back to previous section (Part 5).

## Electronic National Renal Registry Application (eNRR)- Version 1.3

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Click on the menu item on the left panel to proceed to what you wish to do next.



### 2.3.3. Transplant (Tx) Notification form

**eNRR** IT Support / Helpdesk (Centre Doctor) -

Home  
Patient Registration  
Patient List  
Incomplete form  
Pending Submission - Notif  
Pending Submission - Outcome  
Annual Return List  
Centre Management  
Data Query  
Change Request (3 / 33)  
Reports  
eMOSS  
Log Out

#### Patient Notification

##### New Transplant Patient Notification Registration

1 **	SDP Name	Selayang Hospital, Tx Unit
2 **	Centre Type	<input checked="" type="radio"/> Regular Follow Up <input type="radio"/> Medication only
3 **	If this patient had transplant record(s) registered before, please select the Transplant record(s) from the list that you want to register if applicable.	<input checked="" type="radio"/> Date of transplant : 22/05/2018, Place of transplant : UMMC <input type="radio"/> Not in this list, register as new Transplant
4	Treatment courses	** Date started Post Transplant follow up at your centre
5 **	Name & Title	Name Title puan
6 **	Identification card number	My NRIC Old IC No Other document no Specify document type Missing If Others, specify
7 **	Date of birth	16-05-1983 Year of birth 1983
8 **	Gender	Female
9 **	ABO Blood Group	AB
10 **	Citizenship	Malaysian Country of Origin
11 **	Ethnic group	Chinese Race Other Malaysian Others, specify

Confirm & Next

Picture 2.3.3a Notification form – Patient Registration

After completed the page, click on the  button to save the data into the database. The above page will lead to Tx Notification form due to SDP Name (item 1) selected is Tx Unit.

# Electronic National Renal Registry Application (eNRR)- Version 1.3

**Form Section**  
The page shown on the right is highlighted on the left panel shown as below

## Renal Transplant Patient Notification

Note: To update the Patient Info, please provide the reasons and details by clicking [Here](#)

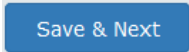
### Part 1: Patient Info/Recipient details

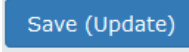
- 1 Reporting Centre: Selayang Hospital, Tx Unit Code :04350
- 2 Modality of the centre: TX
- 3 Name & Title: Name [redacted] Title: puan
- 4 \*\* Identification card number: My NRIC [redacted] My NRIC Format - yymmdd-ss-xxxx  
Old IC No  
Other document no: Specify document type: Missing  
If Others, specify
- 5 \*\* Date of birth: 16-05-1983 Year of birth: 1983
- 6 \*\* Gender: Female
- 7 \*\* ABO Blood Group: AB
- 8 \*\* Centre Type:  Regular Follow Up  Medication only

Patient RRT List (Date Commence order)								
No.	RRT ID	Notif ID	SDP Name	Date Commence	Date at centre/follow up at your centre	Date of Outcome	Modality of the centre	Outcome status
1	1900187	151954	UMMC, Tx	22-05-2018	01-06-2018	01-06-2018	TX	Alive On RRT
2	1900187	154578	Selayang Hospital, Tx	22-05-2018	04-06-2019	04-06-2019	TX	Alive On RRT

9 Treatment courses: Date started Post Transplant follow up at your centre: 04-06-2019

**Picture 2.3.3b Tx Notification form – Part 1**

Click on the  button to save page and proceed to the next page. This is recommended.

Click on the  button to save page and remain on the same page.

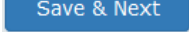
Note: Clicking the Form Section title on the left panel will **NOT save the record**.

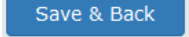
The screenshot shows the 'Renal Transplant Patient Notification' form, Part 2: Contact Info. The form is displayed in a web browser interface with a sidebar on the left containing navigation options like 'Home', 'Patient Registration', 'Patient List', 'Incomplete form', 'Pending Submission - Notif', 'Pending Submission - Outcome', 'Patient Care', 'Patient Info', 'Notification / Outcome / Annual Return', 'Transplant Notification', and 'Annual Return List'. The main content area shows the form with the following fields and values:

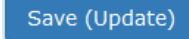
- 1 Address: 15 JALAN BAWANG TAMAN CHERAS
- 2 Postcode: 56100
- 3 \*\* Town / City: KUALA LUMPUR
- 4 \*\* State: Wilayah Persekutuan Kuala Lumpur
- 5 \*\* Country: MALAYSIA
- 6 \*\* Contact number: Homephone, Handphone tel (012-3062426), Work telephone, Fax

At the bottom of the form, there are three buttons: 'Save & Back', 'Save (Update)', and 'Save & Next'. Below the buttons, a note reads: 'Sila tekan 'Save(Update)' atau 'Save & Back' untuk simpan data sebagai draf. Sila tekan 'Save and Submit' untuk simpan data yang sudah selesai dan hantar borang ke NRR.'

Picture 2.3.3c Tx Notification form – Part 2

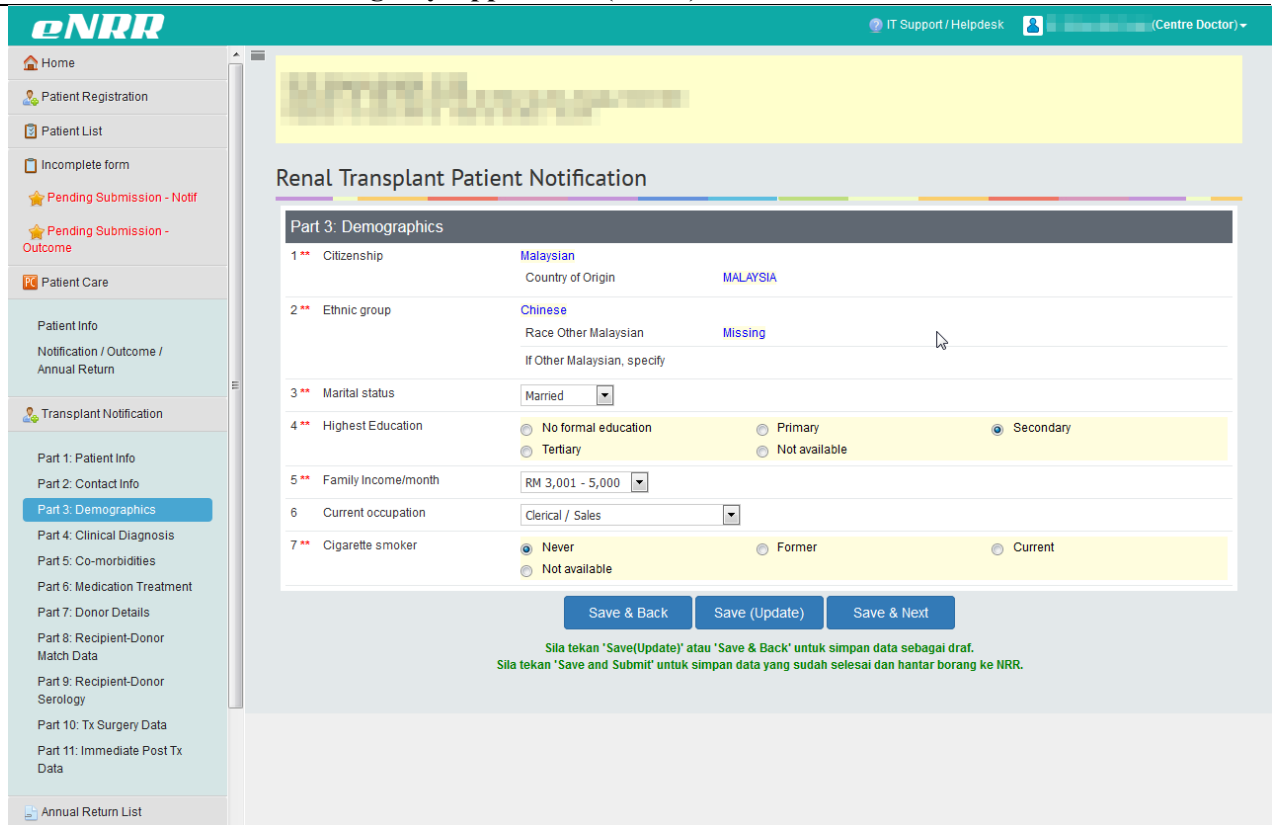
Click on the  button to save page and proceed to the next page. This is recommended.

Click on the  button to save page and return to the previous page.

Click on the  button to save page and remain on the same page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.





**Renal Transplant Patient Notification**

**Part 3: Demographics**

1 \*\* Citizenship **Malaysian**  
Country of Origin **MALAYSIA**

2 \*\* Ethnic group **Chinese**  
Race Other Malaysian **Missing**  
If Other Malaysian, specify

3 \*\* Marital status **Married**

4 \*\* Highest Education  
 No formal education  Primary  Secondary  
 Tertiary  Not available

5 \*\* Family Income/month **RM 3,001 - 5,000**

6 Current occupation **Clerical / Sales**

7 \*\* Cigarette smoker  
 Never  Former  Current  
 Not available

**Save & Back** **Save (Update)** **Save & Next**

Sila tekan "Save(Update)" atau "Save & Back" untuk simpan data sebagai draf.  
Sila tekan "Save and Submit" untuk simpan data yang sudah selesai dan hantar borang ke NRR.

Picture 2.3.3d Tx Notification form – Part 3

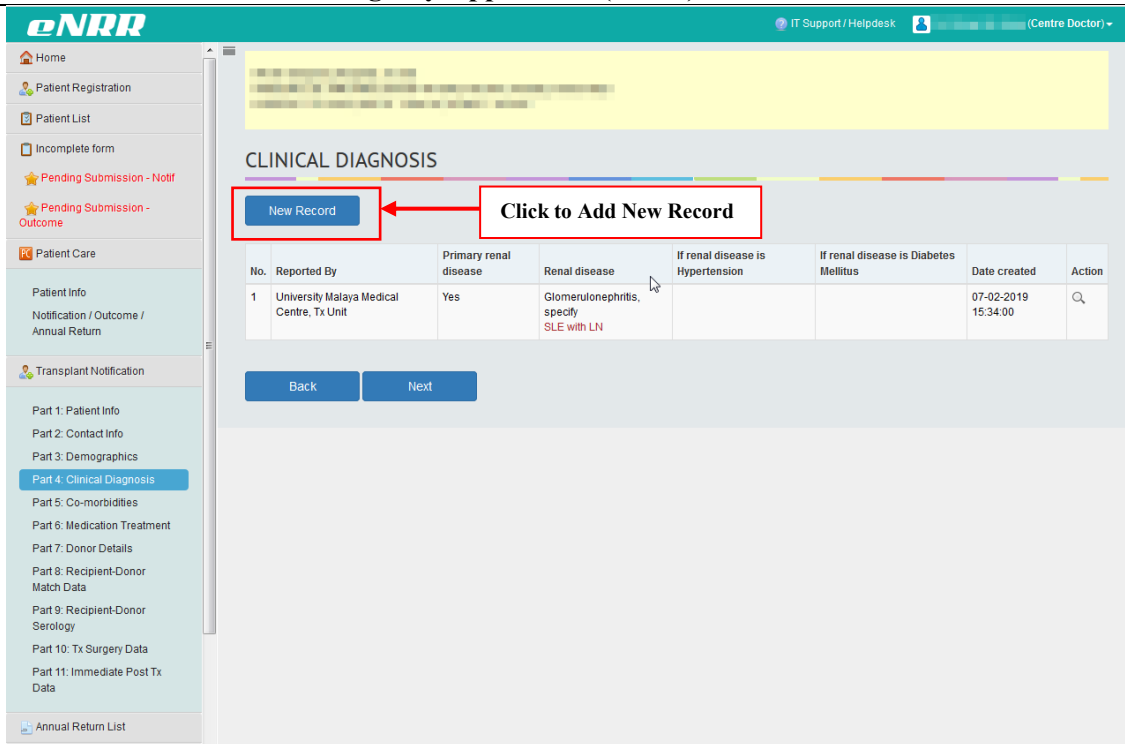
Click on the **Save & Next** button to save page and proceed to the next page. This is recommended.

Click on the **Save & Back** button to save page and return to the previous page.

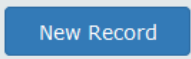
Click on the **Save (Update)** button to save page and remain on the same page.

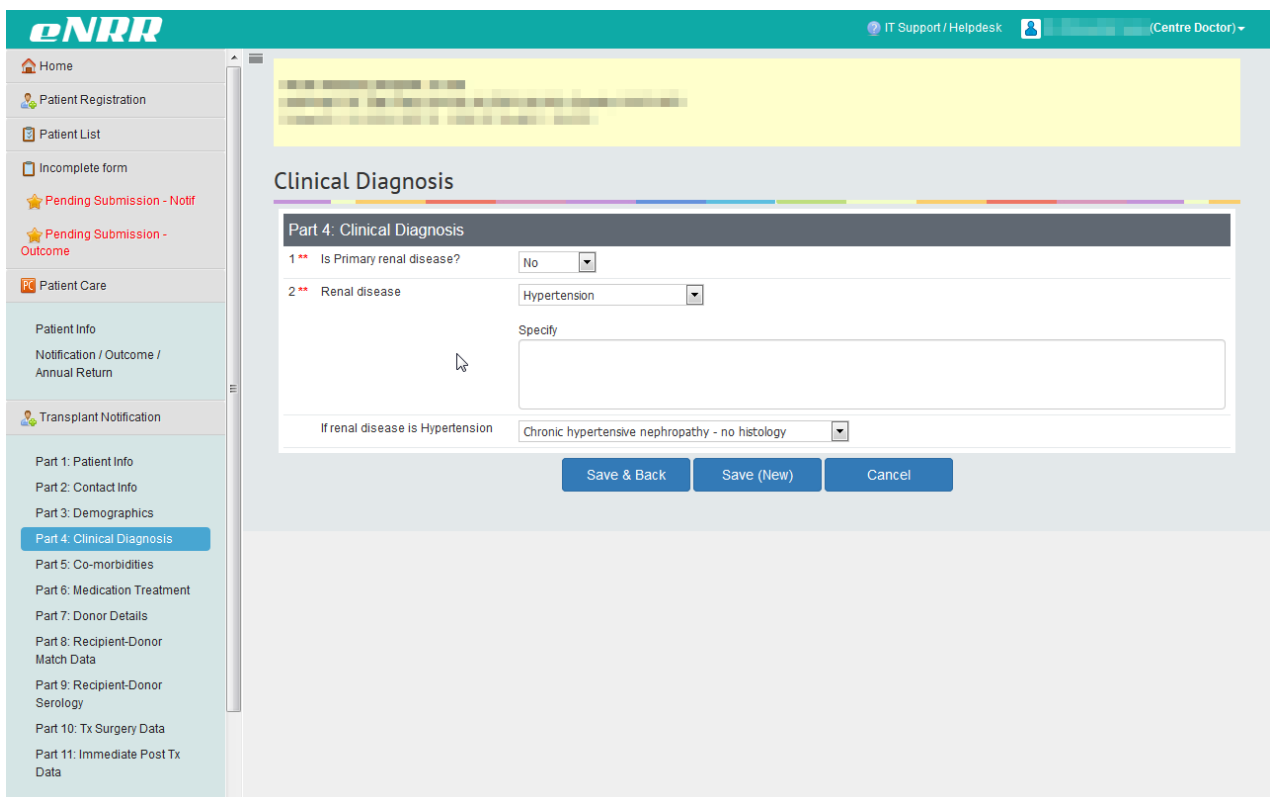
Note: Clicking the Form Section title on the left panel will **NOT save the record**.

# Electronic National Renal Registry Application (eNRR)- Version 1.3



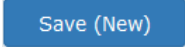
Picture 2.3.3e(i) Tx Notification form – Part 4


Click on the  button to add a new record and proceed to the details page of the form.  
Note: Clicking the Form Section title on the left panel will **NOT** save the record.

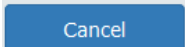


Picture 2.3.3e(ii) Tx Notification form – Part 4

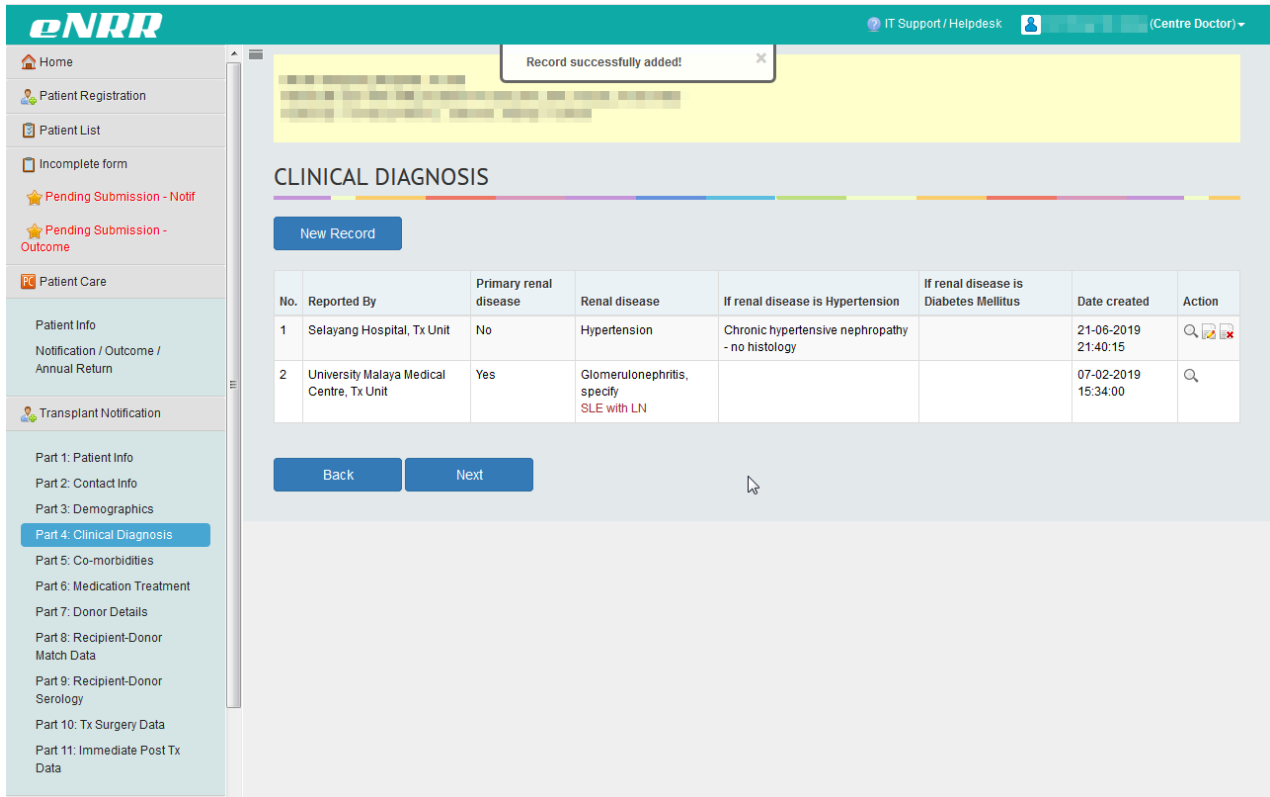
## Electronic National Renal Registry Application (eNRR)- Version 1.3

Click on the  button to save page and return to the Part 5- Listing page. This is recommended so that you could review what you have entered.





Click on the  button to save page and return to the previous page.

Click on the  button to cancel the record to return to the previous page.


Note: Clicking the Form Section title on the left panel will **NOT save the record**.




The screenshot shows the eNRR interface with a sidebar on the left and a main content area. The sidebar includes navigation options like Home, Patient Registration, Patient List, Incomplete form, Pending Submission - Notif, Pending Submission - Outcome, Patient Care, Patient Info, Transplant Notification, and various Part sections (Part 1 to Part 11). The main content area displays a 'Record successfully added!' message and a 'CLINICAL DIAGNOSIS' section with a 'New Record' button. Below this is a table with two rows of data.

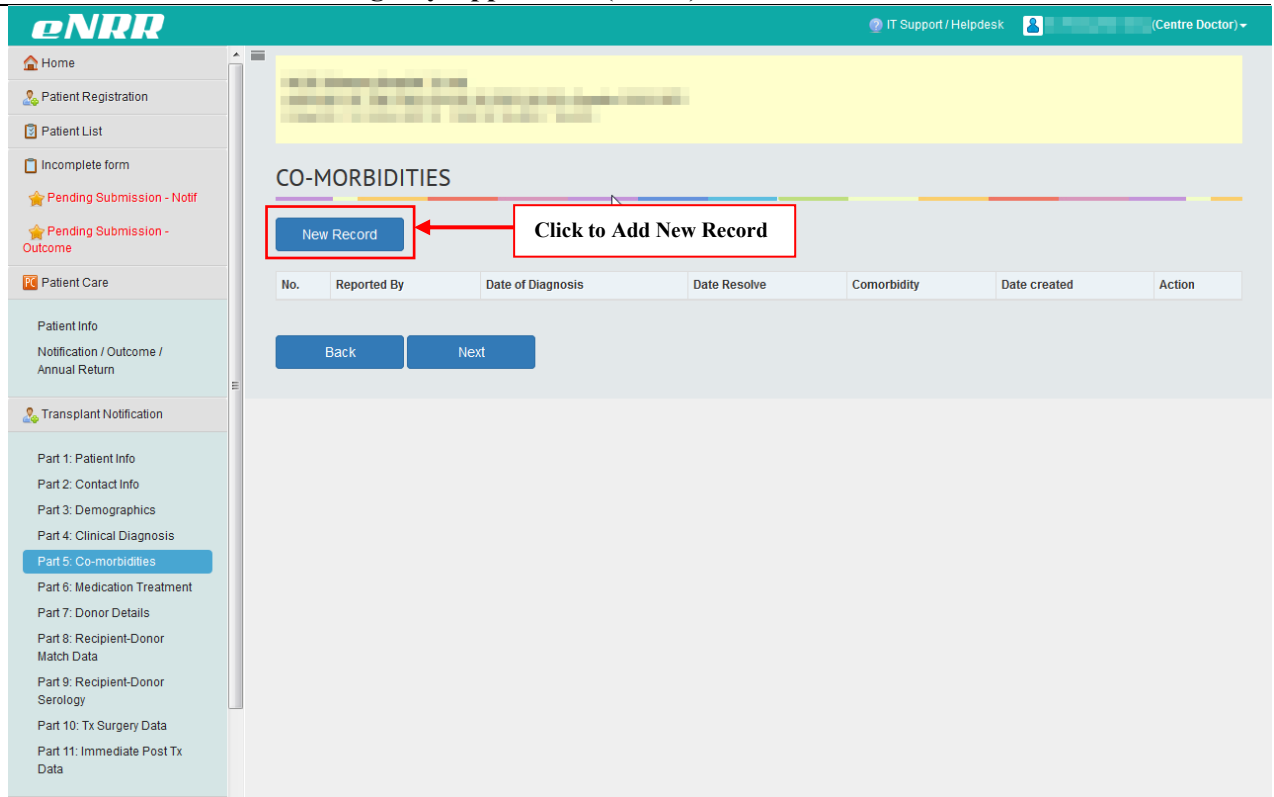
No.	Reported By	Primary renal disease	Renal disease	If renal disease is Hypertension	If renal disease is Diabetes Mellitus	Date created	Action
1	Selayang Hospital, Tx Unit	No	Hypertension	Chronic hypertensive nephropathy - no histology		21-06-2019 21:40:15	  
2	University Malaya Medical Centre, Tx Unit	Yes	Glomerulonephritis, specify SLE with LN			07-02-2019 15:34:00	

Picture 2.3.3e(iii) Tx Notification form – Part 4

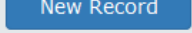
Click on the  to proceed to the next section – Part 5. This is recommended.

Click on the  to return to the previous section – Part 3.

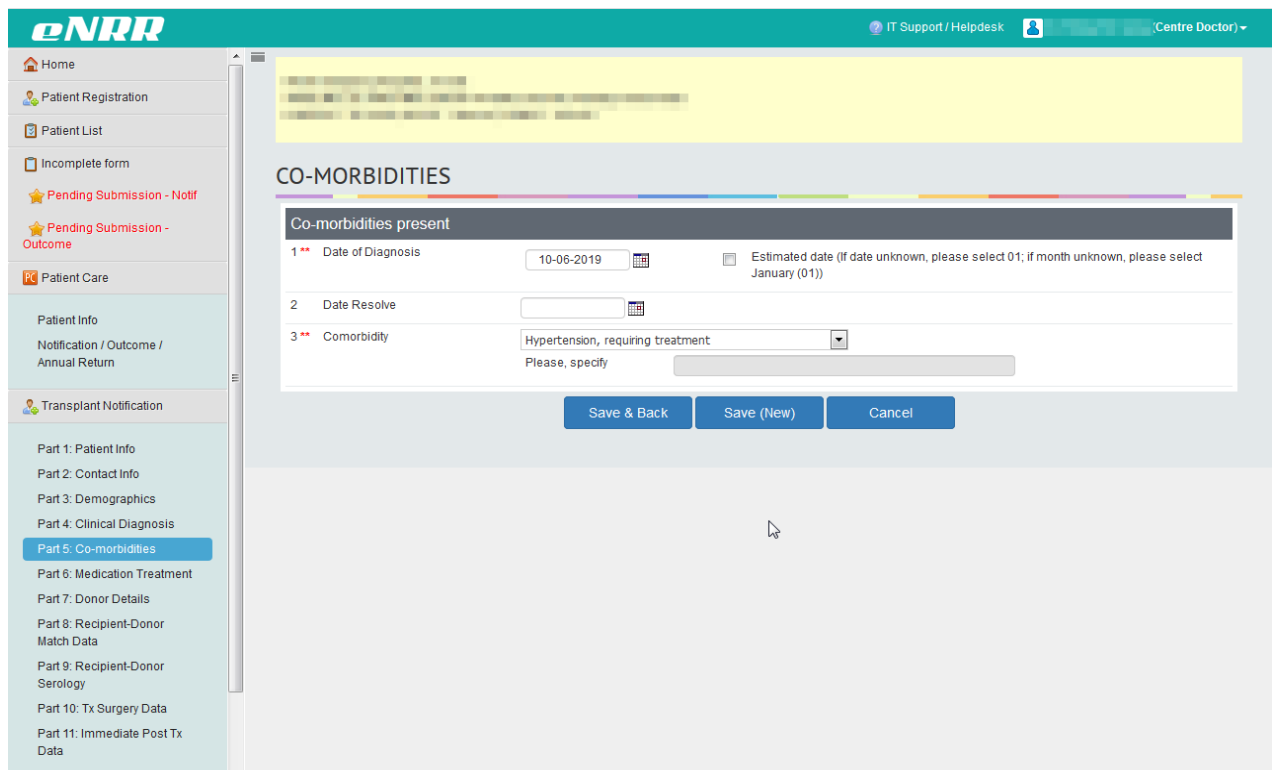
# Electronic National Renal Registry Application (eNRR)- Version 1.3



Picture 2.3.3f(i) Tx Notification form – Part 5

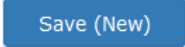
Click on the  button to add a new record and proceed to the details page of the form.

**Note:** Clicking the Form Section title on the left panel will **NOT save the record**.

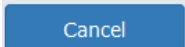


Picture 2.3.3f(ii) Tx Notification form – Part 5 – Details page

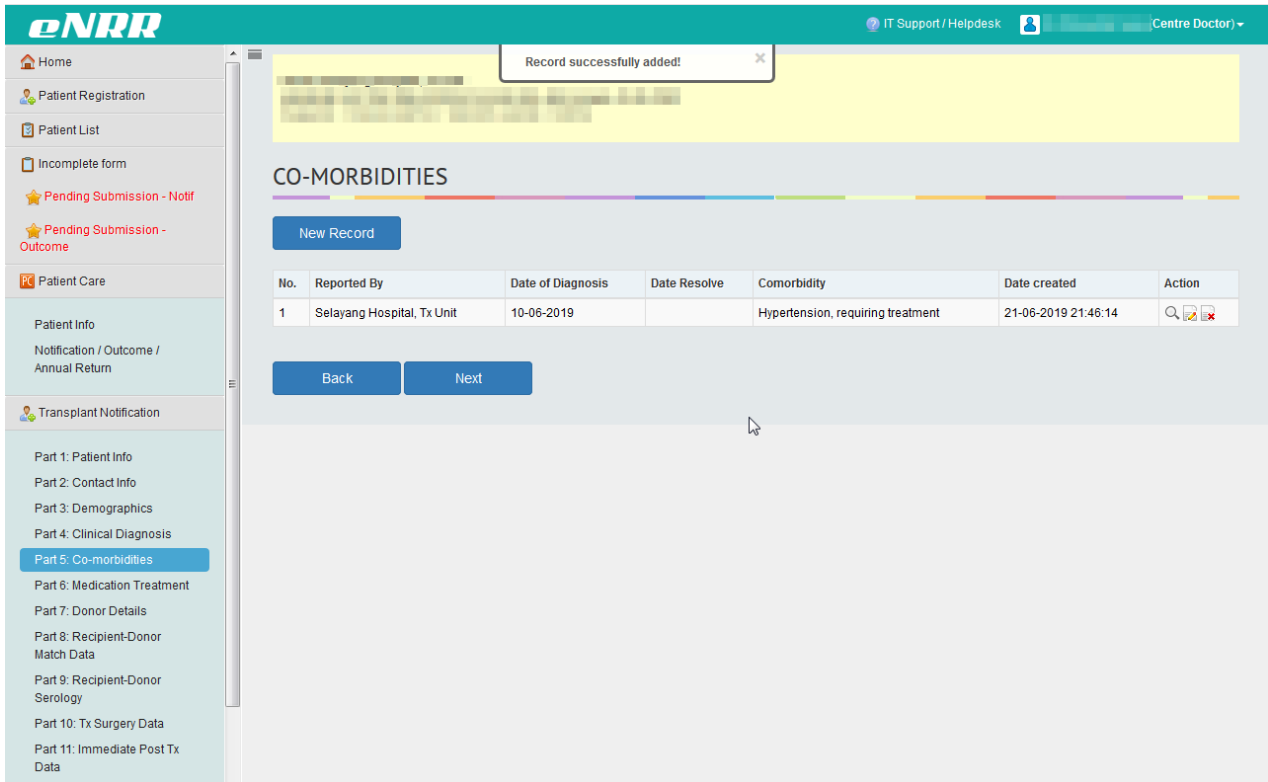
## Electronic National Renal Registry Application (eNRR)- Version 1.3

Click on the  button to save page and return to the Part 5- Listing page. This is recommended so that you could review what you have entered.




Click on the  button to save page and return to the previous section – Part 4.

Click on the  button to cancel the record to return to the previous page.

**Note:** Clicking the Form Section title on the left panel will **NOT save the record**.





The screenshot displays the eNRR application interface. The top navigation bar includes the eNRR logo, IT Support / Helpdesk, and a user profile for Centre Doctor. The left sidebar contains a menu with options like Home, Patient Registration, Patient List, Incomplete form, Pending Submission - Notif, Pending Submission - Outcome, Patient Care, Patient Info, Transplant Notification, and a list of parts from Part 1 to Part 11. The main content area is titled "CO-MORBIDITIES" and features a "New Record" button. Below this is a table with the following data:

No.	Reported By	Date of Diagnosis	Date Resolve	Comorbidity	Date created	Action
1	Selayang Hospital, Tx Unit	10-06-2019		Hypertension, requiring treatment	21-06-2019 21:46:14	  

Below the table are "Back" and "Next" buttons. A notification box at the top of the main content area states "Record successfully added!".

Picture 2.3.3f(iii) Tx Notification form – Part 5 – Listing page

Click on the  to proceed to the next section – Part 6. This is recommended.

Click on the  to return to the previous section – Part 4.

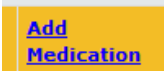
The screenshot displays the 'MEDICATION' section of the eNRR application. It features a sidebar on the left with navigation options like 'Home', 'Patient Registration', and 'Patient List'. The main content area is divided into several sections, each with a table for recording medication data. Each section includes a title, a 'Not Available' checkbox, and an 'Add Medication' button. The sections are:

- Anti Hypertensive Treatment**: Includes a table with columns for No., Date Prescription, Classification, Medication Type, Medication Name, Route, End Date, Source, and Action.
- Lipid Lowering Treatment**: Includes a table with columns for No., Date Prescription, Classification, Medication Type, Medication Name, Route, End Date, Source, and Action.
- Immunosuppressive Drug Treatment - Induction**: Includes a table with columns for No., Date Prescription, Classification, Medication Type, Medication Name, Route, End Date, Source, and Action.
- Immunosuppressive Drug Treatment - Maintenance**: Includes a table with columns for No., Date Prescription, Classification, Medication Type, Medication Name, Route, End Date, Source, and Action.
- Others Drug Treatment**: Includes a table with columns for No., Date Prescription, Classification, Medication Type, Medication Name, Route, End Date, Source, and Action.

Below the medication sections are 'Back' and 'Next' buttons. At the bottom, there is a 'HISTORY' section with the note 'Only current centre can view the history from beginning' and a table listing previous medication records.

No.	Reported By	Date Prescription	Classification	Medication Type	Medication Name	Route	End Date	Source	Action
1	University Malaya Medical Centre, Tx Unit	01-01-2018	Immunosuppressive Drug Treatment - Maintenance	Antimetabolites	Mycophenolate Sodium - Myfortic	Injection - Intravenous (IV)		AR-TX	🔍
2	University Malaya Medical Centre, Tx Unit	01-01-2018	Immunosuppressive Drug Treatment - Maintenance	Calcineurin inhibitors	Tacrolimus - Advagraf	Oral		AR-TX	🔍
3	University Malaya Medical Centre, Tx Unit	01-01-2018	Immunosuppressive Drug Treatment - Maintenance	Prednisolone	Prednisolone - Generic	Oral		AR-TX	🔍

Picture 2.3.3g(i) Tx Notification form – Part 6

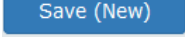
Click on the  button to add a new record and proceed to the details page of the form. Note: Clicking the Form Section title on the left panel will **NOT save the record**.

The screenshot shows the 'Medication' form in the eNRR application. The form is titled 'Medication' and is part of the 'Tx Notification form - Part 6 - Details page'. The form contains the following fields:

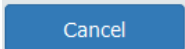
- 1\*\* Date Prescription: 22-05-2018
- 2\*\* Classification: Immunosuppressive Drug Treatment - Maintenance
- 3\*\* Medication Type: CTLA4
- 4 Medication Name: Belatacept - Nulojix. Below this field is a text input field labeled 'Specify Medication Name if possible'.
- 5\*\* Route: Oral
- 6 End Date: (empty)

At the bottom of the form, there are three buttons: 'Save & Back', 'Save (New)', and 'Cancel'. The left sidebar shows the navigation menu with 'Part 6: Medication Treatment' highlighted.

Picture 2.3.3g(ii) Tx Notification form – Part 6 – Details page

Click on the  button to save page and return to the Part 5- Listing page. This is recommended so that you could review what you have entered.

Click on the  button to save page and return to the previous section – Part 4.

Click on the  button to cancel the record to return to the previous page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.

# Electronic National Renal Registry Application (eNRR)- Version 1.3

The screenshot displays the eNRR application interface. At the top, there is a header with the eNRR logo, user information, and a notification: "Record successfully added!". The left sidebar contains navigation options: Home, Patient Registration, Patient List, Incomplete form, Pending Submission - Notif, Pending Submission - Outcome, Patient Care, Patient Info, Transplant Notification, and a list of form parts (Part 1 to Part 11). Part 6, "Medication Treatment", is currently selected.

The main content area is titled "MEDICATION" and contains several sections, each with an "Add Medication" button:

- Anti Hypertensive Treatment** (Not Available)
- Lipid Lowering Treatment** (Not Available)
- Immunosuppressive Drug Treatment - Induction** (Not Available)
- Immunosuppressive Drug Treatment - Maintenance** (Not Available)
- Others Drug Treatment**

The "Immunosuppressive Drug Treatment - Maintenance" table contains one record:

No.	Date Prescription	Classification	Medication Type	Medication Name	Route	End Date	Source	Action
1	22-05-2018	Immunosuppressive Drug Treatment - Maintenance	CTLA4	Belatacept - Nulojix	Oral		Notif-TX	[Search] [Print] [Delete]

Below the medication sections are "Back" and "Next" buttons. At the bottom, there is a "HISTORY" section with a note: "Only current centre can view the history from beginning". It includes a table with columns: No., Reported By, Date Prescription, Classification, Medication Type, Medication Name, Route, End Date, Source, and Action.

Picture 2.3.3g(iii) Tx Notification form – Part 6 – medication list

Repeat on click on the [Add Medication](#) button to add a new record of other type of medication and proceed to the details page of the form.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.

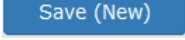


The screenshot shows the 'Medication' form in the eNRR application. The form is titled 'Medication' and contains the following fields:

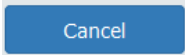
- 1 \*\* Date Prescription: 15-04-2019
- 2 \*\* Classification: Lipid Lowering Treatment
- 3 \*\* Medication Type: Fibrates (Fibric-Acid Derivatives)
- 4 Medication Name: Ciprofibrate
- 5 \*\* Route: Oral
- 6 End Date: (empty)

At the bottom of the form, there are three buttons: 'Save & Back', 'Save (New)', and 'Cancel'. The sidebar on the left shows the navigation menu with 'Part 6: Medication Treatment' highlighted.

**Picture 2.3.3g(iv)** Tx Notification form – Part 5 – medication details

Click on the  button to save page and return to the Part 6- Listing page. This is recommended so that you could review what you have entered.

Click on the  button to save page and return to the previous section – Part 5.


Click on the  button to cancel the record to return to the previous page.

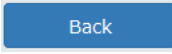
Note: Clicking the Form Section title on the left panel will **NOT save the record**.

The screenshot displays the 'MEDICATION' section of the Tx Notification form. It features a sidebar on the left with navigation options like 'Home', 'Patient Registration', 'Patient List', and 'Patient Care'. The main area shows a table of medication records under various treatment categories. A yellow notification box at the top indicates 'Record successfully added!'.

Anti Hypertensive Treatment <input type="checkbox"/> Not Available <a href="#">Add Medication</a>								
No.	Date Prescription	Classification	Medication Type	Medication Name	Route	End Date	Source	Action
Lipid Lowering Treatment <input type="checkbox"/> Not Available <a href="#">Add Medication</a>								
No.	Date Prescription	Classification	Medication Type	Medication Name	Route	End Date	Source	Action
1	15-04-2019	Lipid Lowering Treatment	Fibrates (Fibric-Acid Derivatives)	Ciprofibrate	Oral		Notif-TX	
Immunosuppressive Drug Treatment - Induction <input type="checkbox"/> Not Available <a href="#">Add Medication</a>								
No.	Date Prescription	Classification	Medication Type	Medication Name	Route	End Date	Source	Action
Immunosuppressive Drug Treatment - Maintenance <input type="checkbox"/> Not Available <a href="#">Add Medication</a>								
No.	Date Prescription	Classification	Medication Type	Medication Name	Route	End Date	Source	Action
1	22-05-2018	Immunosuppressive Drug Treatment - Maintenance	CTLA4	Belatacept - Nulojix	Oral		Notif-TX	
Others Drug Treatment <a href="#">Add Medication</a>								
No.	Date Prescription	Classification	Medication Type	Medication Name	Route	End Date	Source	Action

Picture 2.3.3g(v) Tx Notification form – Part 5 – medication list

Click on the  to proceed to the next section – Part 5. This is recommended.

Click on the  to return to the previous section – Part 3.

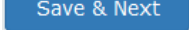
# Electronic National Renal Registry Application (eNRR)- Version 1.3

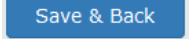
The screenshot displays the 'Renal Transplant Patient Notification' form in the eNRR application. The form is titled 'Part 7: Donor Details' and contains the following fields and options:

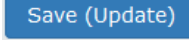
- 1 \*\* Type of donor:  Cadaveric,  Living donor,  Not available
- 2 Place of transplant centre: UMMC - Local Transplant
- 3 Donor Name: LEE YOON YOON @JACKQUELINE LEE
- 4 Donor My NRIC: [Empty field]
- 5 Age: [Empty field]
- 6 \*\* Gender:  Male,  Female,  Not Available
- 7 i. Height (cm): 162; ii. Weight (kg): 62
- 8 \*\* Ethnic Group: Chinese
- 6 \*\* Donor's Parameters:
  - a. Living donor type:  Related,  Unrelated,  Not available
  - If related:  Genetically related,  Emotional,  Not available
  - If genetically related: Sister (selected in dropdown), [Empty field]
  - If genetically related others specify: [Empty field]
  - b. Creatinine (umol/L): 65.0
  - c. Creatinine clearance (ml/min): 1.95
  - d. GFR (DTPA) (ml/min): Left [Empty field], Right [Empty field]
  - e. GFR (EDTA) (ml/min): Left [Empty field], Right [Empty field]

At the bottom of the form, there are three buttons: 'Save & Back', 'Save (Update)', and 'Save & Next'.

Picture 2.3.3h Tx Notification form – Part 7

Click on the  button to save page and proceed to the next page. This is recommended.

Click on the  button to save page and return to the previous page.

Click on the  button to save page and remain on the same page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.

**Renal Transplant Patient Notification**

**Part 8: Recipient - Donor Match Data**

1 HLA Mismatch

HLA	Recipient		Donor	
	Value 1	Value 2	Value 1	Value 2
HLA-A	<input type="text" value="11"/>	<input type="text" value="24"/>	<input type="text" value="11"/>	<input type="text" value="24"/>
HLA-B	<input type="text" value="13"/>	<input type="text" value="15"/>	<input type="text" value="13"/>	<input type="text" value="15"/>
HLA-C	<input type="text" value="03"/>	<input type="text" value="08"/>	<input type="text" value="03"/>	<input type="text" value="08"/>
HLA-DQ	<input type="text" value="02"/>	<input type="text" value="05"/>	<input type="text" value="02"/>	<input type="text" value="05"/>
HLA-DR	<input type="text" value="03"/>	<input type="text" value="16"/>	<input type="text" value="03"/>	<input type="text" value="16"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

2 Cross match

i. Microlymphocytotoxicity

a. CDC Standard

Positive  Negative  Not done  
 Not Available / Unknown

b. DTT treated CDC

Yes  No  Not Available

c. AHG treated CDC

Yes  No  Not Available

ii. Flow Cytometry

Positive  Negative  Not done  
 Not Available / Unknown

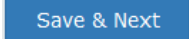
If positive, specify Channel Shift


iii. Anti HLA Antibody

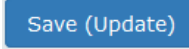
a. Class 1

Positive  Negative  Not done  
 Not Available / Unknown

Picture 2.3.3i Tx Notification form – Part 8

Click on the  button to save page and proceed to the next page. This is recommended.

Click on the  button to save page and return to the previous page.

Click on the  button to save page and remain on the same page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.

**Part 9: Recipient - Donor Serology**

	Recipient	Donor
1 ** Blood Group	AB	<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> AB <input type="radio"/> O <input type="radio"/> Not available
2 ** Serology		
i. Lab date	16-05-2019	16-05-2018
ii. a. Hep B antigen (HBsAg)	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done
HBeAg, if HBsAg is Positive	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done
b. Hep B antibody (HBsAb)	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done
If positive, specify (IU/ml)		
c. Anti HCV antibody	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done
d. Anti HIV antibody	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done
e. Hep B Core antibody (HBcAb) (if available)	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done
f. CMV - IgG	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done	<input checked="" type="radio"/> Positive <input type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done
g. CMV - IgM	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done
h. EBV - IgG	<input checked="" type="radio"/> Positive <input type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done	<input type="radio"/> Positive <input checked="" type="radio"/> Not Available / Unknown <input type="radio"/> Negative <input type="radio"/> Not done

Picture 2.3.3j Tx Notification form – Part 9

Click on the **Save & Next** button to save page and proceed to the next page. This is recommended.

Click on the **Save & Back** button to save page and return to the previous page.

Click on the **Save (Update)** button to save page and remain on the same page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.

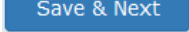
# Electronic National Renal Registry Application (eNRR)- Version 1.3

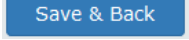
The screenshot displays the 'Renal Transplant Patient Notification' form in the eNRR application. The form is titled 'Part 10: Transplant Surgery Data' and contains several sections:

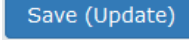
- 1 Ischaemic time:** Includes radio buttons for 'Cold' and 'Warm', and input fields for 'Hours' (2.0) and 'Minutes' (20). A 'Total Ischaemic time (Hours)' field is also present.
- 2 Donor Kidney:** Radio buttons for 'Left', 'Right', and 'Not available'.
- 3 Artery:** Sub-sections for recipient and donor artery supply.
  - a. Recipient:** Checkboxes for 'External iliac', 'Common iliac', 'Internal iliac', and 'Others, specify'.
  - b. Anastomosis:** Checkboxes for 'End-to-Side', 'End-to-End', and 'Not Available'.
  - c. Donor Artery Supply:** Radio buttons for 'Single', 'Double', and 'Multiple', with a 'Donor Artery Supply comment' field.
- 4 Vein:** Checkboxes for 'External iliac', 'Internal iliac', and 'Common iliac', with an 'Others, specify' field.
- 5 Ureter:** Radio buttons for 'Intravesical', 'Extra vesical', and 'Not available'.
- 6 Stent:** Radio buttons for 'Yes', 'No', and 'Not Available'.
- 7 Surgical Comment:** A text input field containing 'good perfusion'.

At the bottom of the form, there are three buttons: 'Save & Back', 'Save (Update)', and 'Save & Next'.

Picture 2.3.3k Tx Notification form – Part 10

Click on the  button to save page and proceed to the next page. This is recommended.

Click on the  button to save page and return to the previous page.

Click on the  button to save page and remain on the same page.

Note: Clicking the Form Section title on the left panel will **NOT save the record**.

The screenshot displays the 'Renal Transplant Patient Notification' form in the eNRR application. The form is titled 'Part 11: Immediate Post Transplant Data (Please fill this within one month)'. It contains several sections with radio buttons and checkboxes for data entry:

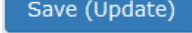
- 1 \*\* Graft function:** Radio buttons for 'Immediate' (selected), 'Delayed', 'Non-function', and 'Not available'.
- 2 \*\* a. Surgical Complications:** Checkboxes for 'Renal artery thrombosis', 'Lymphocele', 'Renal vein thrombosis', 'Haemorrhage requiring operation', and 'Not Available' (checked). There is also a text input field for 'Others, specify'.
- b. Urological Complications:** Checkboxes for 'Urinary tract leak / Urinoma', 'Ureteric obstruction / urinary tract stenosis', and 'Not Available' (checked). There is also a text input field for 'Others, specify'.
- c. Management:** Checkboxes for 'Conservative / observation', 'Surgical intervention', and 'Outcome of Management' (checked). There is a text input field for 'Outcome of Management' containing 'good perfusion'.

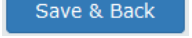
At the bottom of the form, there is a 'Submission Status' table:

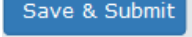
Submission Status	
1	Submission Status <span style="color: blue;">Pending submission</span>
2	Submission Date
3	Submitted By

Below the table are three buttons: 'Save & Back', 'Save (Update)', and 'Save & Submit'.

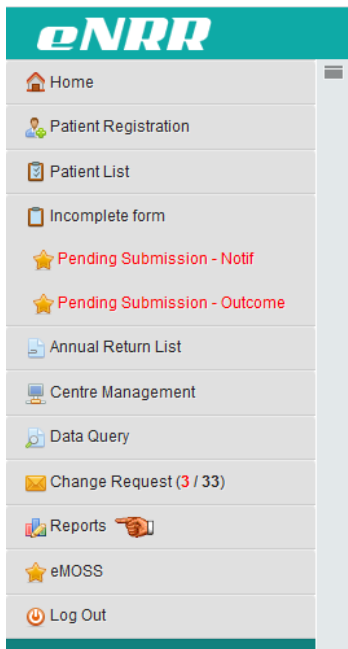
Picture 2.3.31 Tx Notification form – Part 11

Click on the  button to save the form.

Click on the  button to save page and return to the previous page.

Click on the  button to save and lock the form. After submit, the patient’s notification will be locked and you will not be able to edit the record.

Click on the menu item on the left panel to proceed to what you wish to do next.



### 3.0 Outcome Notification Form

To submit an Outcome Notification form, go to Module 1 Home Page page first.  
Click on Patient List to search for the patient first.


The screenshot displays the eNRR web application interface. The top navigation bar includes the eNRR logo, IT Support/Helpdesk, and the user profile for Dr. Wong Hin Seng (Centre Doctor). The left sidebar contains a menu with options: Home, Patient Registration, Patient List (highlighted with a red box), Incomplete form, Pending Submission - Notif, Pending Submission - Outcome, Annual Return List, Centre Management, Data Query, Change Request (3 / 33), Reports, eMOSS, and Log Out. The main content area is titled 'Summary Statistics' and 'Centre Participation'. It features an 'Attention please:' notice dated 09/04/2018, an 'Assessment Year' dropdown set to 2019, and a 'Data Query Status Summary' table. The table lists various dialysis centres and their corresponding values for pending responses, accepted values, corrected values, and a total.

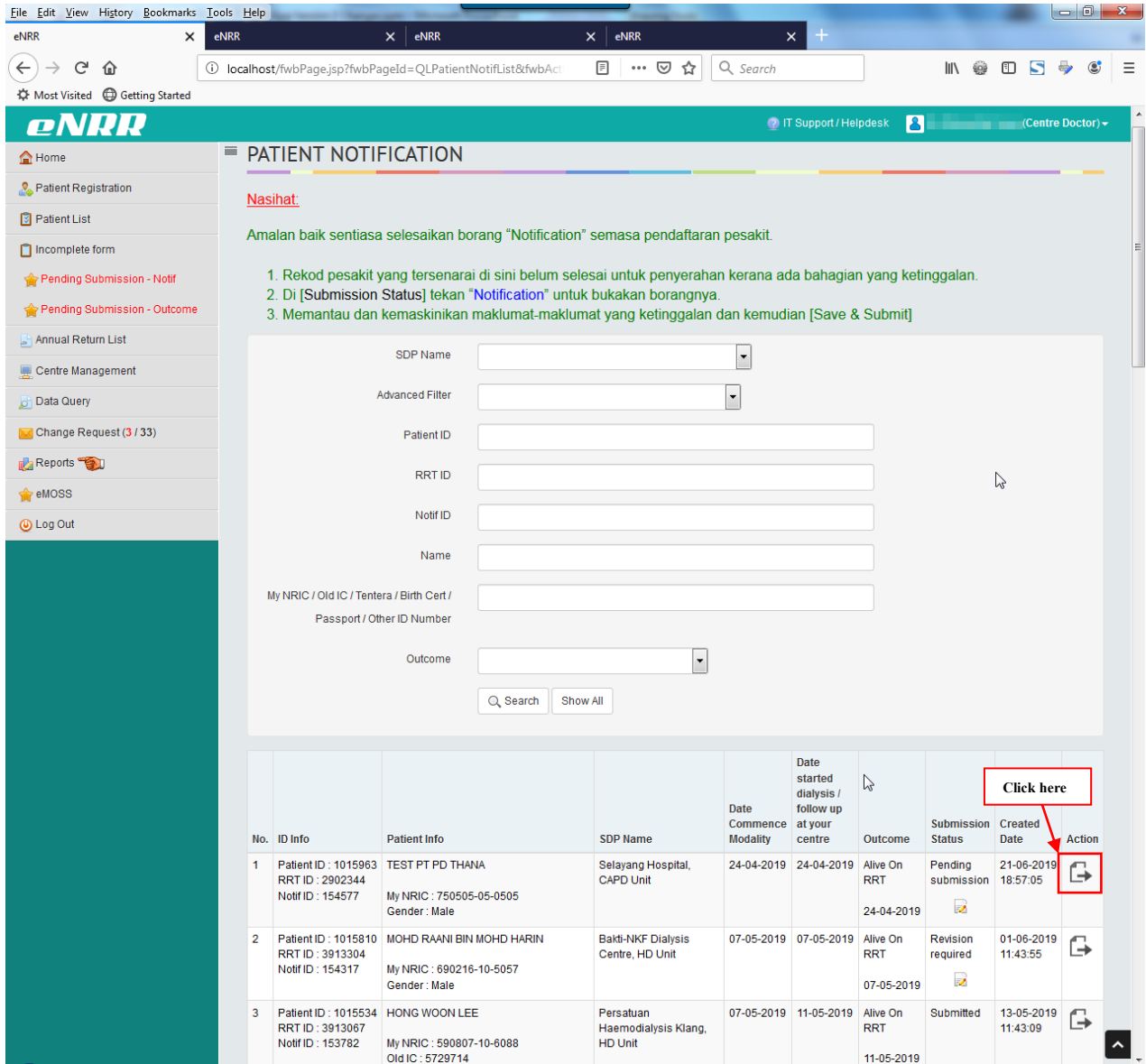
Centre Name	Total Pending Response	Total Value Accepted	Total Value Corrected	Total
Bakti-NKF Dialysis Centre, HD Unit	0	0	0	0
Kuala Kubu Bharu Hospital, HD Unit	3	0	0	3
Persatuan Haemodialysis Klang, HD Unit	2	0	0	2
Selayang Hospital, CAPD Unit	0	0	0	0
Selayang Hospital, HD Unit	0	0	0	0
Selayang Hospital, Tx Unit	0	0	0	0
Sungai Buloh Hospital, HD Unit	0	0	0	0



## Electronic National Renal Registry Application (eNRR)- Version 1.3

At the Patient list that appears, look for the patient that you want to add the outcome.

Click  button of the patient record.



**PATIENT NOTIFICATION**

**Nasihat:**

Amalan baik sentiasa selesaikan borang "Notification" semasa pendaftaran pesakit.

1. Rekod pesakit yang tersenarai di sini belum selesai untuk penyerahan kerana ada bahagian yang ketinggalan.
2. Di [Submission Status] tekan "Notification" untuk bukannya borangnya.
3. Memantau dan kemaskinikan maklumat-maklumat yang ketinggalan dan kemudian [Save & Submit]

SDP Name:

Advanced Filter:

Patient ID:




RRT ID:

Notif ID:

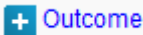
Name:

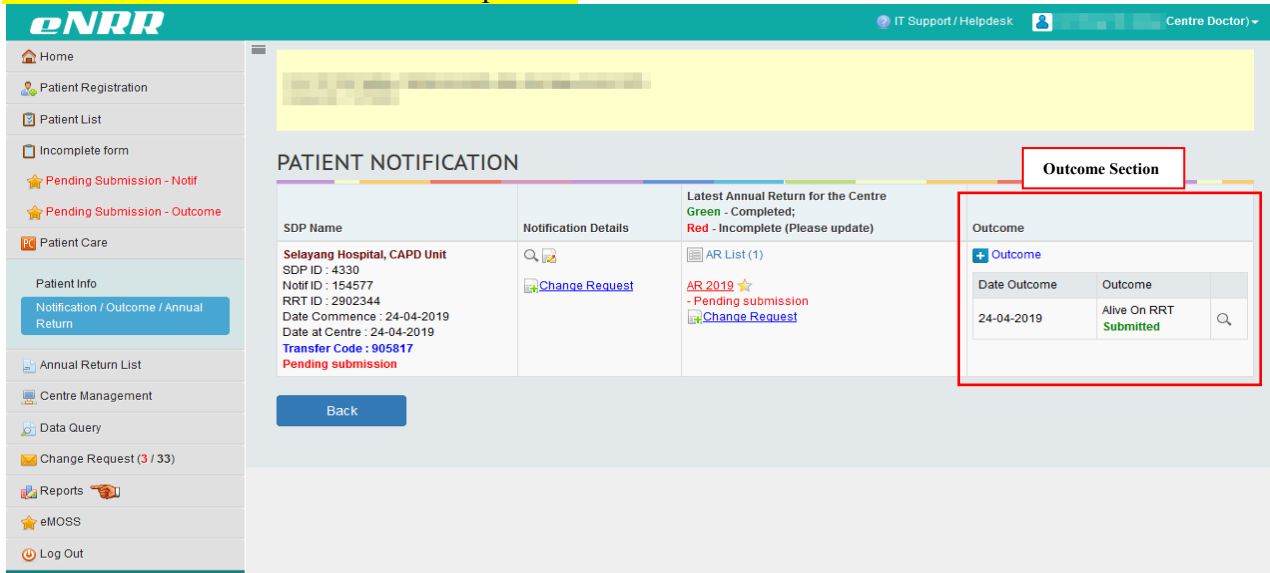
My NRIC / Old IC / Tentera / Birth Cert / Passport / Other ID Number:

Outcome:

No.	ID Info	Patient Info	SDP Name	Date Commence Modality	Date started dialysis / follow up at your centre	Outcome	Submission Status	Created Date	Action
1	Patient ID : 1015963 RRT ID : 2902344 Notif ID : 154577	TEST PT PD THANA My NRIC : 750505-05-0505 Gender : Male	Selayang Hospital, CAPD Unit	24-04-2019	24-04-2019	Alive On RRT 24-04-2019	Pending submission	21-06-2019 18:57:05	
2	Patient ID : 1015810 RRT ID : 3913304 Notif ID : 154317	MOHD RAANI BIN MOHD HARIN My NRIC : 690216-10-5057 Gender : Male	Bakli-NKF Dialysis Centre, HD Unit	07-05-2019	07-05-2019	Alive On RRT 07-05-2019	Revision required	01-06-2019 11:43:55	
3	Patient ID : 1015534 RRT ID : 3913067 Notif ID : 153782	HONG WOON LEE My NRIC : 590807-10-6088 Old IC : 5729714	Persatuan Haemodialysis Klang, HD Unit	07-05-2019	11-05-2019	Alive On RRT 11-05-2019	Submitted	13-05-2019 11:43:09	

**Electronic National Renal Registry Application (eNRR)- Version 1.3**

In the Patient's Notification List that appears, click  button under the Outcome section to add a new outcome for the patient.



Following are the outcomes that can be notified depending on the patient's modality.

<b>Outcome</b>	<b>HD</b>	<b>PD</b>	<b>TX</b>
Alive on RRT	Default when submit Notification form	Default when submit Notification form	Default when submit Notification form
Death	√	√	√
Move to Another Centre	√	√	√
Change to HD		√	
Change to PD	√		
Transplanted	√	√	
Graft Failure			√
Lost to Follow Up	√	√	√
Recover Kidney Function	√	√	

There are 2 types of Outcome. Please see on the following subsection on how to handle the Outcome Notification for them.

1. Solid Outcome that doesn't involve change of centre/modality :
  - a. Death
  - b. Lost to Follow Up
  - c. Recover Kidney Function
2. Outcome Notification involving Patient Moving Out of Your Centre / Change modality
  - a. Move to Another Centre of the same modality
  - b. Change from HD to PD
  - c. Change from PD to HD
  - d. Transplanted
  - e. Graft failure

1. Outcome Notification : Death / Lost to Follow Up / Recover Kidney Function

Complete the form.

**eNRR** IT Support / Helpdesk (Centre Doctor)

Home  
Patient Registration  
Patient List  
Incomplete form  
Pending Submission - Notif  
Pending Submission - Outcome  
Patient Care

Patient Info  
Notification / Outcome / Annual Return  
Annual Return List  
Centre Management  
Data Query  
Change Request (3 / 33)  
Reports  
eMOSS  
Log Out

### Outcome Notification

**Nasihat:**

- Pastikan tarikh untuk 'Date of Outcome' dan 'Outcome status of current RRT' adalah tepat sebelum [Save atau Save & Submit]
- Selepas penyerahan data, sebarang pertukaran atau pembetulan perlu melalui [Change Request] untuk berkomunikasi dengan NRR.

**Outcome**

1 \*\* Date of Outcome / Death: 21-06-2019

Masukkan tarikh kejadian 'Outcome Event' dan buat pilihan yang berkenaan 'Outcome Event'.

2 \*\* Outcome status of current RRT (Outcome event):

- Death
- Change to HD/PPD
- Transplanted
- Moved to another centre
- Lost to Follow up
- Recover Kidney Function

3 Date Outcome notified: 21-06-2019

**Death**

1 Cause(s) of death (Klik yang sesuai)

- Cardiovascular disease; eg. Ischaemic heart disease, cerebrovascular accident etc.  
Cardiovascular disease type:  Coronary event  Cerebrovascular Accident (CVA)  Not available
- Pulmonary causes; eg. Pulmonary embolus, Fluid overload / Pulmonary oedema, pulmonary hemorrhage  
Pulmonary Cause:  Pulmonary embolus  Fluid overload / Pulmonary oedema  pulmonary hemorrhage  Not available
- Died suddenly at home; death not certified in hospital
- Infection, any type or site
- Peritonitis (for CAPD patient only)
- Gastrointestinal haemorrhage
- Cancer
- Liver disease
- Dialysis dementia / Aluminium toxicity
- Withdrawal of RRT
  - Patient refused further treatment; specify reason
  - Medical reason, specify
  - Others, specify
- Accidental death, specify
- Other cause of death, specify
- Unknown
- Not Available

Specify details on cause of death if possible

**Submission Status**

- Submission Status
- Submission Date
- Submitted By
- Revision Required Reason

Save & Submit

Click on the **Save & Submit** button to save and lock the form. After submit, the patient's Outcome notification will be locked and you will not be able to edit the record.

## Electronic National Renal Registry Application (eNRR)- Version 1.3

### 2. Outcome Notification involving Patient Moving Out of Your Centre / Change Modality

Outcome involving patient moving out of your centre / change modality as follows:

- Move to Another Centre of the same modality, eg. HD to HD, PD to PD, Transplant to Transplant
- Change from HD to PD
- Change from PD to HD
- Transplanted – will change modality from HD/PD to Transplant
- Graft failure – will change modality from Transplant to HD/PD

**eNRR** IT Support / Helpdesk (Centre Doctor)

### Outcome Notification

**Masihati:**

1. Pastikan tarikh untuk 'Date of Outcome' dan 'Outcome status of current RRT' adalah tepat sebelum [\[Save atau Save & Submit\]](#)
2. Selepas penyerahan data, sebarang pertukaran atau pembetulan perlu melalui [\[Change Request\]](#) untuk berkomunikasi dengan NRR.

#### Outcome

1\*\* Date of Outcome

/ Moved to another centre  
Masukkan tarikh kejadian  
'Outcome Event' dan buat pilihan yang berkenaan 'Outcome Event.'

2\*\* Outcome status of current RRT (Outcome event)

Death  
 Change to HD/PD  
 Transplanted  
 Moved to another centre  
 Lost to Follow up  
 Recover Kidney Function

3 Date Outcome notified

[Print referral letter](#)

#### Move to another centre

1 NEW Centre Name  Search Filter

Enter part of the centre's name or town in the (Search Filter) box. Pick the correct centre name listed in the dropdown list.  
Masukkan sebahagian nama pusat atau bandar di kotak (Search Filter) ini. Dapatkan nama pusat berkenaan di senarai tertera dan pilihkan pusat yang betul.

Centre Name

Specify

2 Telephone contact

#### Submission Status

1 Submission Status

2 Submission Date

3 Submitted By

4 Revision Required Reason

## Electronic National Renal Registry Application (eNRR)- Version 1.3

The screenshot shows the eNRR application interface. The main form is titled 'Outcome' and contains the following fields:

- 1\*\* Date of Outcome: 21-06-2019
- 2\*\* Outcome status of current RRT: Death
- 3 Date of Outcome: (empty)

A confirmation dialog box is displayed in the center, asking: "Adakah maklumat 'Date of Outcome' dan 'Outcome status of current RRT' adalah betul? Data ini tidak dibenarkan diubah selepas disimpan." (Is the information 'Date of Outcome' and 'Outcome status of current RRT' correct? This data is not allowed to be changed after saving.)

The dialog box also displays the entered data: "Date of Outcome : 21-06-2019" and "Outcome : Moved to another centre". It includes instructions: "Klik [OK] untuk mengesah maklumat ini betul dan benar" (Click [OK] to confirm this information is correct and true) and "Klik [Cancel] untuk membatalkan atau semak semula" (Click [Cancel] to cancel or recheck).

Below the dialog box, the 'Move to another centre' section is visible, showing a dropdown menu for 'Centre Name' with the selected value 'Kajang Hospital, CAPD Unit, Kajang'. There is also a 'Telephone contact' field and a 'Print referral letter' button.

The 'Submission Status' section at the bottom lists: 1 Submission Status, 2 Submission Date, 3 Submitted By, and 4 Revision Required Reason. A 'Save & Submit' button is located at the bottom right of the form.

After completing the form, kindly print the Referral Letter for the patient. The Referral letter contains the Transfer Code for the destination centre to add notification for the patient. If you did not pass this Referral Letter to the patient, please inform the Destination Centre the Transfer Code specified here so that the destination centre is able to add new Notification for the patient.

The screenshot shows a printed Referral Letter document in Adobe Acrobat Standard. The document content is as follows:

Dear Doctor,

Thank you for taking over the care of this patient. Below are the relevant current information of the patient.

Transfer Code: **881959**

Modality : HD  
Patient ID: 1000001  
Name: TEST PATIENT LOO  
MyKad/MyKid: 531111-11-1111  
Gender: Male  
Date of birth: 11-11-1953

Primary Renal Disease & Comorbidity  
Diabetes Mellitus  
Dementia;

Serology / Viral Status  
Hep B antigen (HBsAg): Negative  
Hep B antibody (HBsAb): Negative  
Hep B Core antibody (HBcAb): Negative  
Anti HCV antibody: Negative  
Anti HIV antibody: Negative

HD Access  
Wrist RCF;

HD Prescription  
Bicarbonate Solution (Solution A (Acid) & B (Bicarbonate))

A red box highlights the Transfer Code '881959' with an arrow pointing to it. A red text box next to it says: "Please inform the Destination Centre this Transfer Code if you did not pass this Referral Letter to patient".

Click on the **Save & Submit** button to save and lock the form. After submit, the patient's Outcome notification will be locked and you will not be able to edit the record.

eNRR
IT Support / Helpdesk (Centre Doctor) ▾

- [Home](#)
- [Patient Registration](#)
- [Patient List](#)
- [Incomplete form](#)
- [Pending Submission - Notif](#)
- [Pending Submission - Outcome](#)
- [Patient Care](#)
- Patient Info**
- Notification / Outcome / Annual Return
- [Annual Return List](#)
- [Centre Management](#)
- [Data Query](#)
- [Change Request \(3 / 33\)](#)
- [Reports](#)
- [eMOSS](#)
- [Log Out](#)

[Redacted Patient Information]

### PATIENT NOTIFICATION

SDP Name	Notification Details	Latest Annual Return for the Centre Green - Completed; Red - Incomplete (Please update)	Outcome						
<b>Selayang Hospital, CAPD Unit</b> SDP ID : 4330 Notif ID : 151696 RRT ID : 2902050 Date Commence : 27-08-2018 Date at Centre : 27-08-2018 Transfer Code : 919575 Submitted Unlock to Re-Submit	Search <a href="#">Change Request</a>	AR List (2) AR 2019 ★ - Pending submission <a href="#">Change Request</a> AR 2018 ★ - Submitted <a href="#">Change Request</a>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Date Outcome</th> <th style="width: 85%;">Outcome</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">21-06-2019</td> <td>Moved to another centre Submitted Unlock to Re-Submit</td> </tr> <tr> <td style="text-align: center;">27-08-2018</td> <td>Alive On RRT Submitted</td> </tr> </tbody> </table>	Date Outcome	Outcome	21-06-2019	Moved to another centre Submitted Unlock to Re-Submit	27-08-2018	Alive On RRT Submitted
Date Outcome	Outcome								
21-06-2019	Moved to another centre Submitted Unlock to Re-Submit								
27-08-2018	Alive On RRT Submitted								

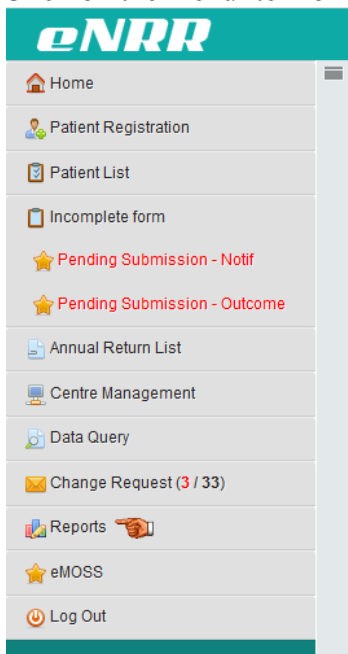
[Back](#)

The newly added outcome will be shown here

21-06-2019	Moved to another centre Submitted Unlock to Re-Submit
------------	-------------------------------------------------------------

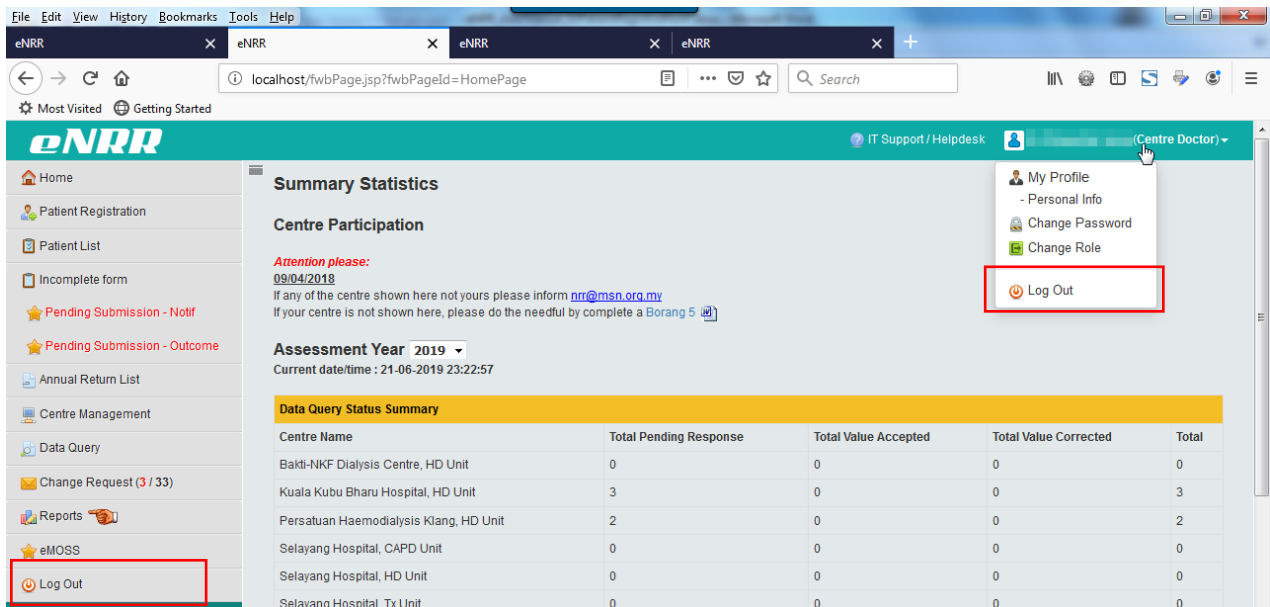
## Electronic National Renal Registry Application (eNRR)- Version 1.3

Click on the menu item on the left panel to proceed to what you wish to do next.



### 4.0 LOGOUT

To logout from NRR, click on 'Logout' at the Left Panel menu bar.



**5.0 HELP DESK SUPPORT**

**Note:** The ENRR User's Manual is subject to amendment from time to time as the system is enhanced

For assistance in completing your application or if you experience technical difficulties using this site, including problems related to data entry, please contact:

1) The Registry Manager

National Renal Registry (Malaysian Society of Nephrology),

Unit 19-01, Q Sentral, 2A Jalan Stesen Sentral 2,

50470 Kuala Lumpur, Malaysia.

Telephone & Fax - 6 (03) 2276 3686 / 2276 3687

Email: [nrr@msn.org.my](mailto:nrr@msn.org.my)

OR

2) The IT Administrator at: Tel: 603-4041 8615 / 4042 8615

Email: [reg.support@altussolutions.com.my](mailto:reg.support@altussolutions.com.my)