



User's Manual for National Eye Database (NED) Web Application

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1.0 NED WEB APPLICATION MODULES

1.1 Online data access and Remote data capture

Each SDP is given right to access its own data and is able to enter data remotely at its site via the NED Web Application. Depending on its right, each SDP may access one or more of the following NED web applications:

1. Cataract Surgery Registry (CSR)
2. Monthly Ophthalmology Services Census, MOH
3. Contact Lens Corneal Ulcer Surveillance
4. Diabetic Eye Registry
5. Glaucoma Registry (Not available yet)

1.2 Real time report

Reports are generated on a real time basis based on data entered via the online data access and Remote data capture module.

1.3 Data Standard

These documents contain definition of all variables collected in all the NED registries

1.4 Maintenance

This module allows user to change their password. Users are responsible to change their passwords every time they expire.

1.5 Access Control

Only authorized users can gain access to a system. Depending on the role of user, different users have different access rights to the application, i.e. some may view data only but not edit data, some may view and edit data, etc. If the application is left idle for more than 20 minutes, the application will be logged off automatically.

2.0 SECURITY

Each authorised user is required to read through, understand and sign The Security Policy for NED Web Application before being authorised to access the application. This is to ensure that users play an active role in ensuring security of data at their level.

2.1 Policies and Practices as follows

As a good security practice, you are **strongly advised** to:

Keep your password confidential!

- **Avoid** sharing or divulging your Password to anyone. This includes any person who may appear to represent or work for the Registry. Our administrator do not request for your password at any time.
- **Avoid** using the same Web Application Password for any other web-based services such as for e-mail or for Internet Service Provider login.

- **Avoid** choosing a Password that is easily anticipated by a third party, like your NRIC number, telephone number, date of birth, etc. You should select a unique Password to make it difficult for anyone to anticipate.
- **Avoid** writing down or "saving" your Password on your browser or any other software. Memorizes your Password.
- If you suspect your Password may have been compromised, change your Password **immediately**.

***Tips:** Your password is what tells the system that you are who you say you are. Because your password is like a key to your account, you need to safeguard it. Anyone who has your password can pose as you. Therefore, you may be held responsible for someone else's actions, if they are able to get your password. Do not record your passwords down, memorise them!*

Ensure you are accessing the correct website!

Never access the website via a hyperlink from an e-mail. Always enter the correct website address yourself, which is www.acrm.org.my and click on **NED** link.

Only access Web Application using a secure and trusted computer!

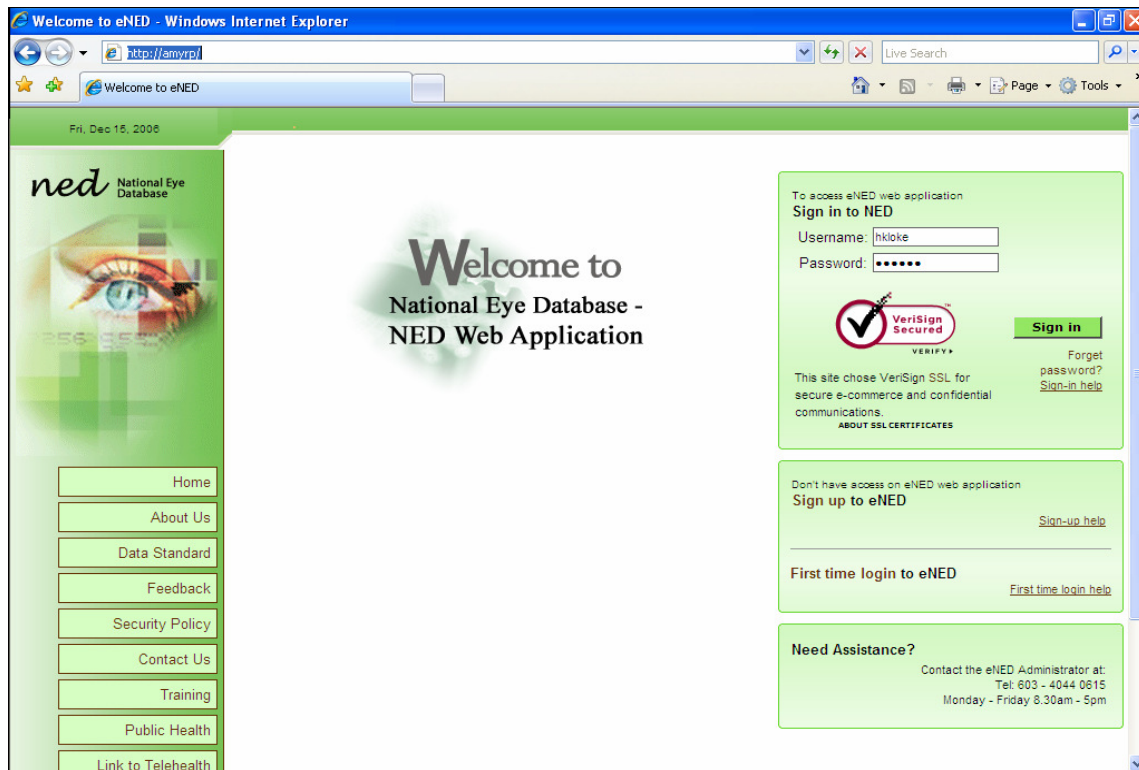
- **Never** access your Web Application on computers / devices which you have doubts with regard to security, such as those located in public places. If you have to use such computers (for example, when you are outside the office), change your password once you have access to a secure computer.
- Keep your operating system (eg. Microsoft Windows) and Internet-related software updated with the latest security patches.
- Protect your computer from viruses and malicious programs with anti-virus software and firewalls where possible. Always update your anti-virus software with the latest virus signatures.
- Always log out your Internet session by clicking on the "logout" button whenever you leave your computer, even for a short while. Do not simply close the browser window when you wish to end the Web Application session.

3.0 HOW TO ACCESS NED WEB APPLICATION

1. Register the centre as Source Data Provider with NED Management, contact NED Manager at Tel: 03-61367788, Hospital Selayang or email ned@acrm.org.my
2. Fill in the authorization list form for the purpose of access control and sign the security policy form to receive a username and password.
3. Access to NED Website at www.acrm.org.my/ned
4. Click on the **e-NED** link and the NED welcome page will be displayed as shown in Picture 1.1.

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5. Key in the 'username' and 'password' in the appropriate column and then, click on the 'Sign in' button.



Picture 1.1 Welcome page

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User authentication – There are two levels of user authentication. After user logs in using ‘Username’ and ‘password’, an SMS containing ‘Auth Code’ will be sent to user’s mobile phone. User then types in the ‘Auth Code’ before gaining access to the system.

6. Key in the authentication code received via SMS.

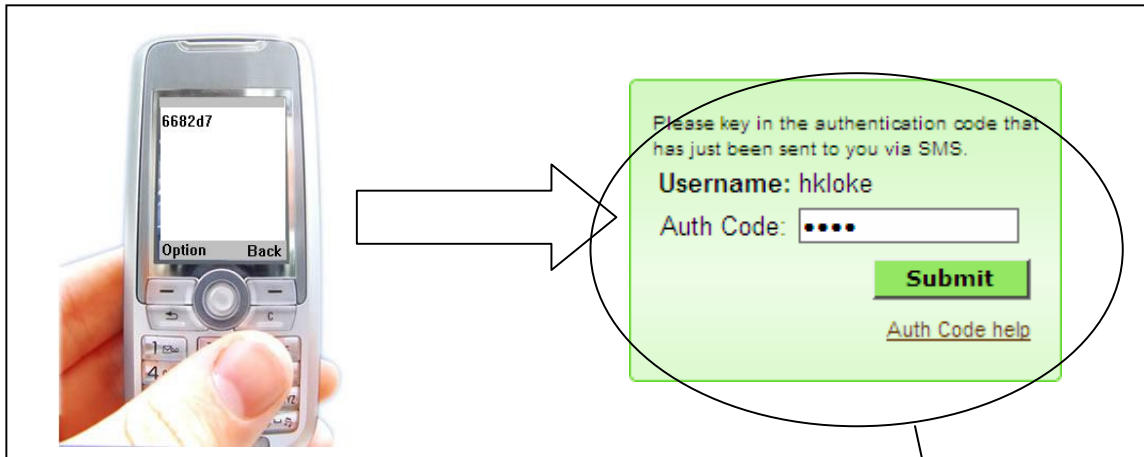
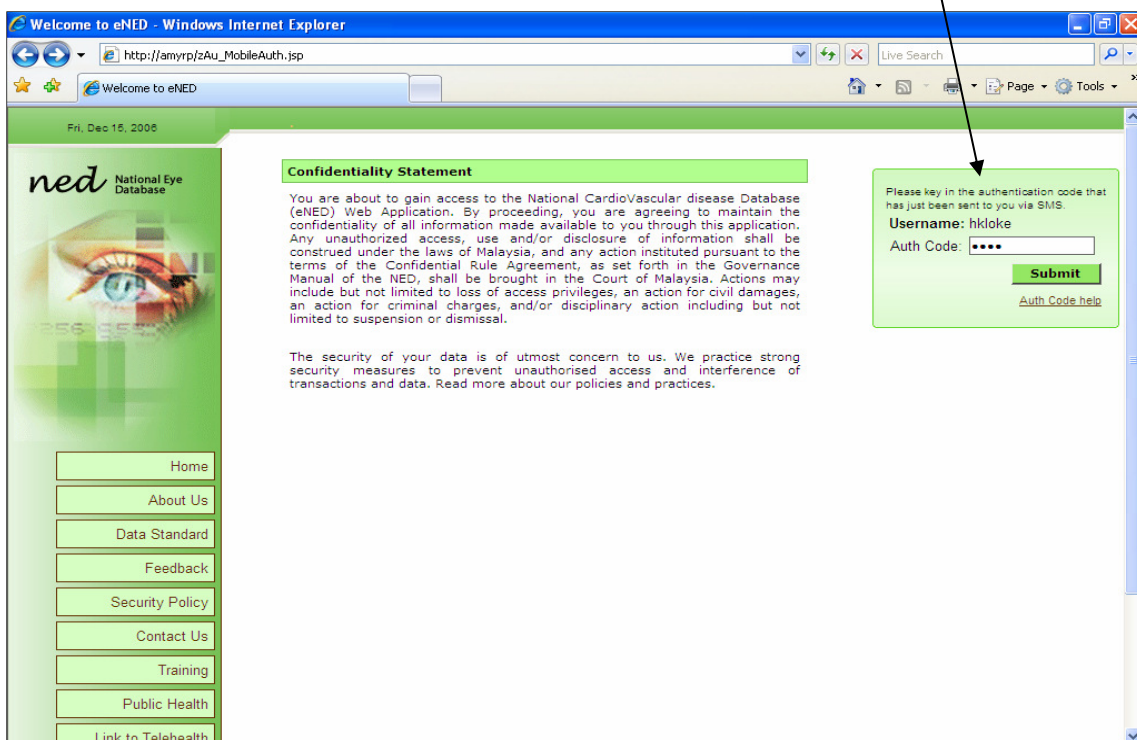


Diagram 1.1

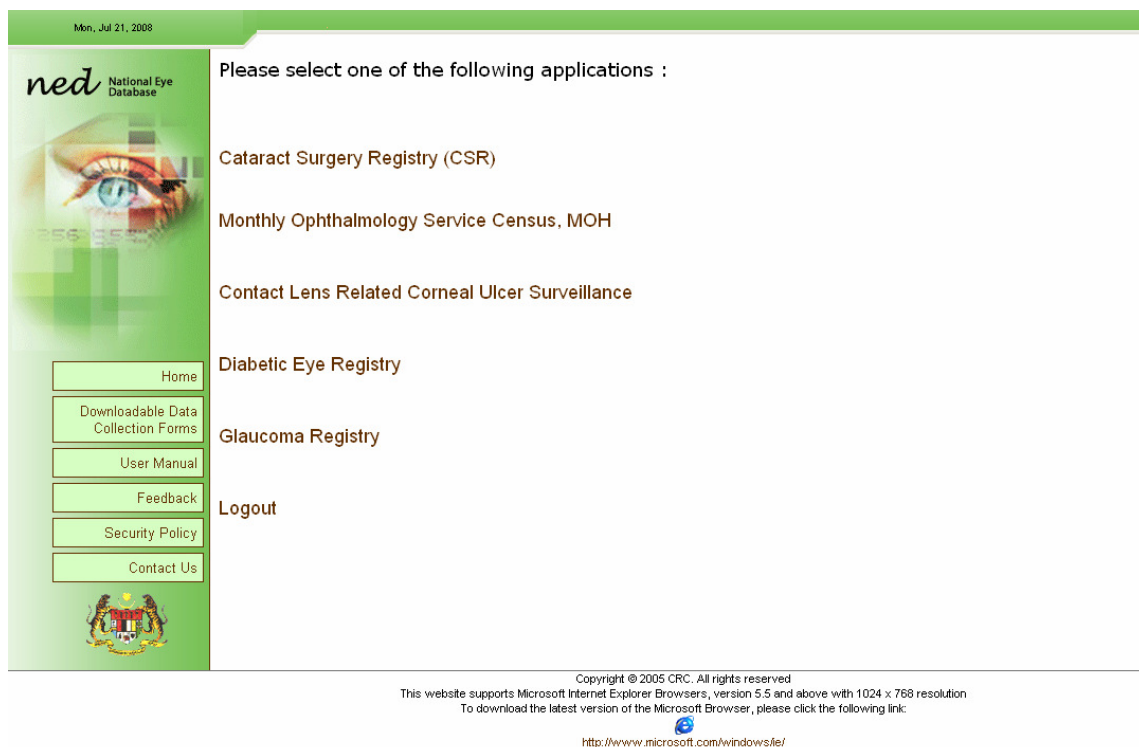


Picture 1.2 Authentication page

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7. The next page allows the user to select from five National Eye Database applications which include:

- Cataract Surgery Registry (CSR)
- Monthly Ophthalmology Service Census, MOH
- Contact Lens Corneal Ulcer Surveillance
- Diabetic Eye Registry
- Glaucoma Registry (not available yet)



Picture 1.3 Application selection page

4.0 STEP BY STEP PROCEDURE IN USING NED WEB APPLICATION

4.1 Cataract Surgery Registry (CSR)

Upon selecting Cataract Surgery Registry the user will be brought into the CSR alert/reminder page.

4.1.1 Alert/Reminder Page

The reminder/alert page is as shown below. There are three blocks showing different pending tasks at the center of the page.

The following tasks are pending

Operative Form NOT Submitted

Total patients: 10 **A**

[Click to View List](#)

Outcome Form NOT Submitted

Total records: 2 **B**

[Click to View List](#)

Request For Delete

total patients: 2 **C**

[Click to View List](#)

Your centre has overdue submission for the following patients :										
No.	SDP Name	Patient Id	Patient Name	Ic New	Ic Old	Date Of Cataract Operation	Operative Eye	Pre Clerking	Operative	Outcome
1	Universiti Kebangsaan Malaysia	4	lim keng kit	111111-11-1111		01-01-2006	Right eye			
2	Hospital Alor Setar	10	APatient 2	333333-33-3333		01-01-2006	Right eye			

Picture 1.4 Alert/Reminder page

A. Operative Form NOT Submitted

This block shows the user the number of patient who has not submitted the operative form. The operative form is usually hand in together with the Pre-clerking form which is used for registration purposes.

B. Outcome Form NOT Submitted

This block shows the user the number of patient who has not submitted the outcome form which is expect to be submitted 12 weeks after the submission of the Operative form.

C. Request for delete

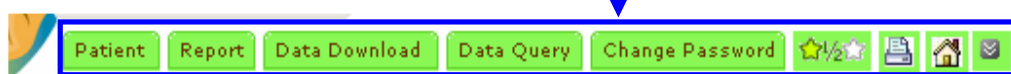
This block shows the number of patient details pending to be deleted by the registry manager.

Note: On the alert page, by default patients with overdue outcome forms will be displayed below the three pending task blocks.

4.1.2 Navigation Toolbars

On top of each page there are 12 menu navigation toolbars which include:

- i. Patient
- ii. Report
- iii. Data Download
- iv. Data Query
- v. Change Password
- vi. Incomplete Task (Alert Page)
- vii. Launch Print Page
- viii. Main Menu
- ix. Sign Out



Picture 1.4 Reminder page

4.1.3 Patients

This toolbar can be used to add/register, view and search for the patients in the database. To find a patient, select 'Search' under the 'Patient' toolbar. In the 'Search' section (Picture 1.5) search the patient by filling in the different selection criteria.

No.	SDP Name	Patient Id	Patient Name	Ic New	Ic Old	Date Of Cataract Operation	Operative Eye	Pre Clerking	Operative	Outcome
1	Hospital Alor Setar	13	test female patient	222222-22-2222						
2	Hospital Alor Setar	12	test male pt	111111-11-1111						
3	Hospital Alor Setar	10	APatient 2	333333-33-3333		01-01-2006	Right eye			
4	Hospital Alor Setar	9	Alor Star Patient 1	111111-11-1111						
5	Hospital Seremban	8	Lam	333333-33-3333						

Picture 1.5 Patient List/ Search page

4.1.4 Pre-Clerking form

To add a new patient, select 'Register Pre-Clerking' under the 'Patient' toolbar.



The Pre-Clerking form consists of 3 different sections to be filled in.

Section 1

The screenshot shows the 'Cataract Surgery Registry (CSR)' interface. The top bar includes the date 'Wed, Dec 20, 2006 19:48', a welcome message, and a toolbar with buttons for 'Patient', 'Report', 'Data Download', 'Data Query', and 'Change Password'. The main form is divided into sections: 'General Information', 'Demographic', and 'Medical History'. The 'General Information' section contains fields for 'SDP Name' (Hospital Alor Setar), 'Patient Name' (test female patient), 'Office Use' (13), 'MyKad / MyKid No.' (222222-22-2222), 'IC (Old)', 'Other Identification No.' (Missing), and 'Date of Cataract Op'. The 'Demographic' section includes 'Medical History' and 'VA'. The 'Medical History' section has a 'Save' button. The 'Update New Pre-Clerking Record' section contains 'Patient Particulars' with fields for 'Name' (test female patient), 'Identification Number' (MyKad / MyKid No. 999999-99, 222222-22-2222, IC (Old), Other Identification No. Missing), and 'Address' (Postcode, Town / City, State).

Picture 1.6 Pre-Clerking Registration Form – Section 1

Section 2

The screenshot shows the 'Cataract Surgery Registry (CSR)' interface. The top bar includes the date 'Wed, Dec 20, 2006 19:47', a welcome message, and a toolbar with buttons for 'Patient', 'Report', 'Data Download', 'Data Query', and 'Change Password'. The main form is divided into sections: 'General Information', 'Demographic', and 'Medical History'. The 'General Information' section contains fields for 'SDP Name' (Hospital Alor Setar), 'Patient Name' (test female patient), 'Office Use' (13), 'MyKad / MyKid No.' (222222-22-2222), 'IC (Old)', 'Other Identification No.' (Missing), and 'Date of Cataract Op'. The 'Demographic' section includes 'Medical History' and 'VA'. The 'Medical History' section has a 'Save' button. The 'Update New Pre-Clerking Record' section contains 'Medical History' with fields for 'Surgery On' (First Eye, Second Eye, Not available, Missing), 'Date of First Surgery', 'Intra-op complications' (Yes, No, Not Available, Missing), and 'Past Ocular Surgery' (None, Vitreoretinal Surgery, Penetrating Keratoplasty).

Picture 1.7 Pre-Clerking Registration Form – Section 2

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Section 3

Wed, Dec 20, 2006 19:41
Welcome! << n2 >>

Cataract Surgery Registry (CSR) 14:56

Patient Report Data Download Data Query Change Password

General Information

A	SDP Name	Hospital Alor Setar	
B	Patient Name	test female patient	Office Use 13
C	Identification Number	MyKad / MyKid No.	222222-22-2222
		IC (Old)	
	Other Identification No.	Missing	
D	Date of Cataract Op		

Save

Demographic Medical History **VA**

Update New Pre-Clerking Record

Visual Acuity Measurement

Vision	Right	Left
Presenting Visual Acuity (with / without glasses) **	6/18	Missing
Pin Hole Visual Acuity (with / without glasses)	Missing	Missing
Refracted Visual Acuity	Missing	6/18
Planned refractive power (in Diopter, with + or - sign) (based on Ascan calculation)	<input type="checkbox"/> +	<input type="checkbox"/> +
	<input type="checkbox"/> -	<input type="checkbox"/> -
	<input type="checkbox"/> Missing	<input type="checkbox"/> Missing

Picture 1.8 Pre-Clerking Registration Form – Section 3

After completion of the form, click on the **Save** button to save the data into the database and the patient would appear in the patient list as shown in Picture 1.9.

Wed, Dec 20, 2006 19:24
Welcome! << n2 >>

Cataract Surgery Registry (CSR) 19:58

Patient Report Data Download Data Query Change Password

SDP: Equal to (S) []

Patient Id: Equal to (S) []

Patient Name: Contain (*S*) []

Ic New: Contain (*S*) []

Ic Old: Contain (*S*) []

Show Show All

Patient List

No.	SDP Name	Patient Id	Patient Name	Ic New	Date of Cataract	Operative Eye	Pre Clerking	Operative	Outcome
1	Hospital Alor Setar	13	test female patient	222222-22-2222					
2	Hospital Alor Setar	12	test male pt	111111-11-1111					
3	Hospital Alor Setar	10	APatient 2	333333-33-3333	01-01-2006	Right eye			
4	Hospital Alor Setar	9	Alor Star Patient 1	111111-11-1111					
5	Hospital Seremban	8	Lam	333333-33-3333					

View

Update

Request Delete

Picture 1.9 National Cataract Surgery Registry


To view a patient's information entered in Pre Clerking form, click on the blue View icon

To update the patient's information in Pre Clerking form, click on the blue Update icon

To delete a patient's Pre Clerking form record, click on the blue request delete icon




Note: Deletion of pre clerking record will cause deletion of data in Operative form and Outcome form as well.

4.1.5 Operative Form


To register a new operative record, select the patient in Patient List and click on the green Add New icon  of the selected patient.

Wed, Dec 20, 2006 19:24
Welcome! << n2 >>
















Cataract Surgery Registry (CSR) 19 : 58

[Patient](#)
[Report](#)
[Data Download](#)
[Data Query](#)
[Change Password](#)




SDP: Equal to (S)
 Patient Id: Equal to (S)
 Patient Name: Contain (*S*)
 Ic New: Contain (*S*)
 Ic Old: Contain (*S*)






Patient List

No.	SDP Name	Patient Id	Patient Name	Ic New	Ic Old	Date Of Cataract Operation	Operative Eye	Pre Clerking	Operative	Outcome
1	Hospital Alor Setar	13	test female patient	222222-22-2222						
2	Hospital Alor Setar	12	test male pt	111111-11-1111						
3	Hospital Alor Setar	10	APatient 2	333333-33-3333		01-01-2006	Right eye			
4	Hospital Alor Setar	9	Alor Star Patient 1	111111-11-1111						
5	Hospital Seremban	8	Lam	333333-33-3333						

Wed, Dec 20, 2006 19:26
Welcome! << n2 >>

Cataract Surgery Registry (CSR) 19 : 56







[Patient](#)
[Report](#)
[Data Download](#)
[Data Query](#)
[Change Password](#)




General Information

A	SDP Name	Hospital Alor Setar		
B	Patient Name	test female patient	Office Use	
C	Identification Number	IC (New)	222222-22-2222	
		IC (Old)		
		Other Identification	9999	
D	Date of Cataract Operation			

Register Operative Record


Operative Data

1	Surgeon	a. Status 	<input type="checkbox"/> Specialist <input type="checkbox"/> Gazetting Specialist <input type="checkbox"/> Medical Officer
		b. Name	<input type="checkbox"/> Not available <input checked="" type="checkbox"/> Missing
2	Type of Admission 	<input checked="" type="checkbox"/> Day Care <input type="checkbox"/> Not Day Care <input type="checkbox"/> Not available <input checked="" type="checkbox"/> Missing	
3	Date Of Cataract Operation 	<input type="text"/>	
4	Time: 	a. i. Start 	<input type="text"/> (24 hrs)
		ii. End 	<input type="text"/> (24 hrs)
		b. Duration of Cataract Operation	<input type="text"/>

Upon completion, click Save.

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4.1.6 Outcome Form

To register a new outcome record, select the patient in Patient List and click on the red Add New icon  of the selected patient.
















Wed, Dec 20, 2006 19:24
Welcome! << n2 >>

Cataract Surgery Registry (CSR) 19 : 58

Patient Report Data Download Data Query Change Password

SDP Equal to (S)
 Patient Id Equal to (S)
 Patient Name Contain (*S*)
 Ic New Contain (*S*)
 Ic Old Contain (*S*)
 Show Show All

Patient List

No.	SDP Name	Patient Id	Patient Name	Ic New	Ic Old	Date Of Cataract Operation	Operative Eye	Pre Clerking	Operative	Outcome
1	Hospital Alor Setar	13	test female patient	222222-22-2222						
2	Hospital Alor Setar	12	test male pt	111111-11-1111						
3	Hospital Alor Setar	10	APatient 2	333333-33-3333		01-01-2006	Right eye			
4	Hospital Alor Setar	9	Alor Star Patient 1	111111-11-1111						
5	Hospital Seremban	8	Lam	333333-33-3333						

Wed, Dec 20, 2006 19:27
Welcome! << n2 >>

Cataract Surgery Registry (CSR) 19 : 26

Patient Report Data Download Data Query Change Password









General Information

A	SDP Name	Hospital Alor Setar	
B	Patient Name	test female patient	Office Use
C	Identification Number	IC (New)	222222-22-2222
		IC (Old)	
		Other Identification	9999
D	Date Of Cataract Operation		
E	Operative Eye		

POST-OP COMPLICATIONS POST-OP VA

Register Outcome Record

POST-OP COMPLICATIONS

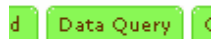
1	a	<input type="checkbox"/> None	Date of Onset 
	b	<input type="checkbox"/> Infective endophthalmitis	
	Reasons		
	Date		
		<input type="checkbox"/> Iris prolapse 	
		<input type="checkbox"/> Wound dehiscence 	
		<input type="checkbox"/> High IOP 	
		<input type="checkbox"/> IOL related	

Upon completion, click Save

4.1.7 Data Query

For incomplete patient information such as missing data, out of range data, Data Query will be generated and requires the particular SDP to complete it

Click on the 'Data Query' menu button then click NED Notification.

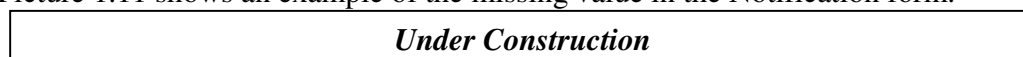


Notification Data Query will be displayed as shown on Picture 1.10.



Picture 1.10 *Data Query page*

Picture 1.11 shows an example of the missing value in the Notification form.



Picture 1.11 NED Notification data query page

Click on the update icon  to edit the record.

4.1.8 Data Download

Data entered in Pre Clerking, Operative and Outcome form are downloadable.

Click on the 'Data Download' menu button then click NED Notification.



Data Download page will be displayed as shown on Picture 1.12.

Wed, Dec 20, 2006 19:29
Welcome! << n2 >>

Cataract Surgery Registry (CSR) 19:58

Patient Report **Data Download** Data Query Change Password

Data Download

Form

1	Pre Clerking
2	Operative
3	Outcome

Lookup Value

1	Pre Clerking lookup value
2	Operative lookup value
3	Outcome lookup value

Date of Last Update By Webmaster: 11 Nov 2006 Copyright © 2006 Datamed. All rights reserved

Picture 1.12 Data download page

Click on Pre Clerking in Picture 1.12 to download data from Pre Clerking form.

Click on Operative in Picture 1.12 to download data from Operative form.

Click on Outcome in Picture 1.12 to download data from Outcome form.

A. Download data from Pre Clerking form

Click on Pre Clerking in Picture 1.12. Select data of field(s) you want to download the data. Click Submit to begin download process. You can choose to download in .txt, .xls (Excel format)

Wed, Dec 20, 2006 19:30
Welcome! << n2 >>

Cataract Surgery Registry (CSR) 19:58

Patient Report **Data Download** Data Query Change Password

SDP Equal to (S) []
Patient Id Equal to (S) []
Patient Name Contain (*S*) []
Ic New Contain (*S*) []
Ic Old Contain (*S*) []

☐ Check (✓) to select all

General Information

A	SDP	<input type="checkbox"/>
B	Patient Name	<input type="checkbox"/> Office Use <input type="checkbox"/>
C	Identification Number	MyKad / MyKid No. <input type="checkbox"/> IC (Old) <input type="checkbox"/> Other Identification No. <input type="checkbox"/>
D	Date of Cataract Op	<input type="checkbox"/>

Patient Particulars

1	Name	<input type="checkbox"/>
---	------	--------------------------

Date of Last Update By Webmaster: 11 Nov 2006 Copyright © 2006 Datamed. All rights reserved

B. Download data from Operative form

Click on Operative in Picture 1.12. Select data of field(s) you want to download the data. Click Submit to begin download process. You can choose to download in .txt, .xls (Excel format)

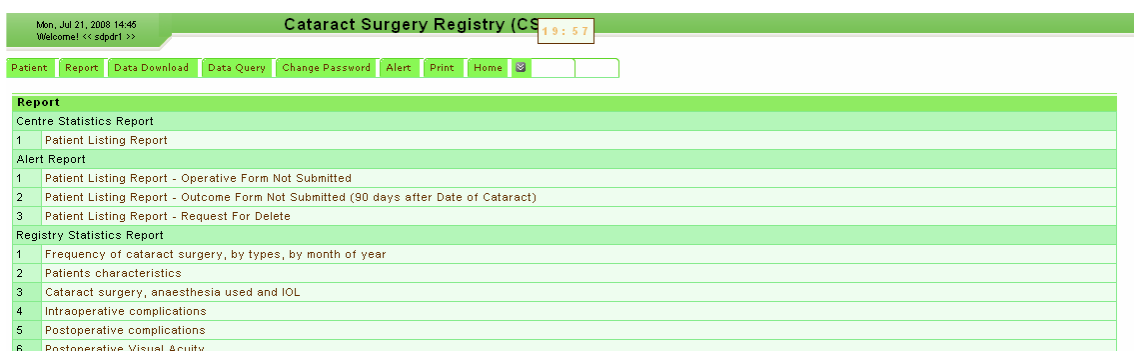
C. Download data from Outcome form

Click on Outcome in Picture 1.12. Select data of field(s) you want to download the data. Click Submit to begin download process. You can choose to download in .txt, .xls (Excel format)

4.1.9 Report

Users are able to access to Real time analysis of Report (based on unclean data).

To view the report, click on the 'Report' menu and the user is allowed to select the report they want to view. There are 4 categories of report: Patient Listing, Overdue Submission, Centre Statistics (own centre statistics), Registry statistics (whole registry's statistics).



Picture 1.13 Report page

A. View Patient Listing report

Click on 'Patient Listing Report'. The Patient Listing selection page is displayed as shown in Picture 1.14a. Scroll down the drop down list and select the reporting centre that you want to view and /or set the range of date of cataract operation and then click on the Show Report button to obtain a pdf copy of the report. A popup (refer Picture 1.14b) will appear, click Open / Save. The Patient Listing report in Picture 1.14c will appear

Patient Listing Report

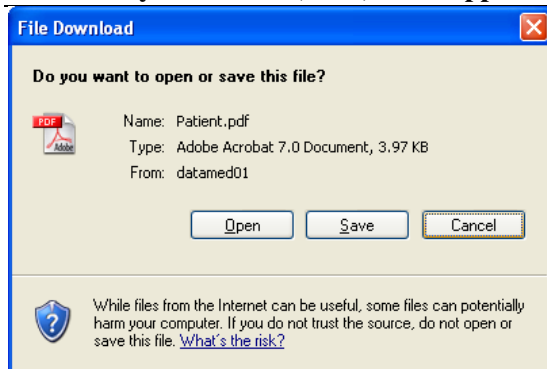
SDP Hospital Selayang

Date Of Cataract Operation (dd-mm-yyyy) From 01-01-2008 To 21-07-2008

Show Report

Picture 1.14a Patient Listing selection page

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Picture 1.14b Popup

No.	Patient ID	Patient Name	MyKad / MyKid No.	Date of Cataract Operation	Operative Eye	Pre Clerking	Operative	Outcome
Hospital Selayang								
1	16022	OOI BAK HIANG	MyKad/MyKid: 260320-02-5030	03-01-2008	Right eye	Available	Available	Available
2	16023	KHAMSAH BUSTAMAM	MyKad/MyKid: 360328-05-5259	03-01-2008	Right eye	Available	Available	Available
3	16024	MAIMON DAUD	MyKad/MyKid: 460915-04-5184	03-01-2008	Right eye	Available	Available	Available
4	16025	TAN SIEW CHING	MyKad/MyKid: 490820-71-5058	03-01-2008	Left eye	Available	Available	Available
5	16026	PETER CHONG WING KWAI	MyKad/MyKid: 380203-71-5223	03-01-2008	Left eye	Available	Available	Available
6	16027	CHENG LAN KIM	MyKad/MyKid: 400211-07-5065	03-01-2008	Left eye	Available	Available	Available
7	16028	YAP HOE TONG	MyKad/MyKid: 281115-07-5189	03-01-2008	Right eye	Available	Available	Available
8	16029	YAP SIOK YUN	MyKad/MyKid: 340226-10-5018	03-01-2008	Right eye	Available	Available	Available
9	16030	KEE SIEW YIN	MyKad/MyKid: 430807-08-5384	03-01-2008	Right eye	Available	Available	Available
10	16174	CHEAH LIAN HWA	MyKad/MyKid: 361113-09-5004	04-01-2008	Left eye	Available	Available	Available
11	16180	LAURENCE AL MICHAEL	MyKad/MyKid: 400612-08-5109	04-01-2008	Left eye	Available	Available	Available
12	16183	LAI SIEW KAN	MyKad/MyKid: 531107-08-5079	04-01-2008	Left eye	Available	Available	Available
13	16188	TIU SIEW BEE	MyKad/MyKid: 301113-10-5212	04-01-2008	Left eye	Available	Available	Available
14	16190	MAMAT BIN OMAR	MyKad/MyKid: 310925-04-5045	04-01-2008	Left eye	Available	Available	Available
15	16193	MANIAM AL NATESON	MyKad/MyKid: 491119-08-5937	04-01-2008	Right eye	Available	Available	Available
16	16284	AESAHI BINTI ABU KASSIM	MyKad/MyKid: 360924-10-5208	08-01-2008	Right eye	Available	Available	Available
17	16287	AH LIN	MyKad/MyKid: 390530-06-5052	08-01-2008	Left eye	Available	Available	Available
18	16290	MUSKAM KASBANI	MyKad/MyKid: 660705-71-5879	08-01-2008	Right eye	Available	Available	Available
19	16293	GAN BEH	MyKad/MyKid: 220713-06-5088	08-01-2008	Left eye	Available	Available	Available
20	16294	SELAHAH ALI	MyKad/MyKid: 370409-05-5006	08-01-2008	Left eye	Available	Available	Available
21	16296	ANG YOKE SIN	MyKad/MyKid: 380113-10-5368	08-01-2008	Right eye	Available	Available	Available
22	16299	CHIA CHEW MOOI	MyKad/MyKid: 370202-10-5192	08-01-2008	Left eye	Available	Available	Available
23	16468	LIM MOI LAN	MyKad/MyKid: 491005-10-5530	02-01-2008	Right eye	Available	Available	Available
24	16469	SABARIAH BINTI ABDUL HAMID	MyKad/MyKid: 600728-10-5710	02-01-2008	Right eye	Available	Available	Available
25	16470	AVRANJIT SINGH A/L WARIYAM SINGH	MyKad/MyKid: 590504-08-5865	04-01-2008	Right eye	Available	Available	Available
26	16471	CHO CHEOK BENG	MyKad/MyKid: 320721-10-5172	04-01-2008	Left eye	Available	Available	Available
27	16472	SELLAMMAL A/P SAYYAVOO	MyKad/MyKid: 340702-71-5176	07-01-2008	Left eye	Available	Available	Available
28	16473	CHAN LEONG KEAT	MyKad/MyKid: 540331-08-5609	07-01-2008	Left eye	Available	Available	Available

Picture 1.14c Patient Listing report page

National Eye Database (NED) Web Application - Version 1.0

B. Alert report

Alert Report	
1	Patient Listing Report - Operative Form Not Submitted
2	Patient Listing Report - Outcome Form Not Submitted (90 days after Date of Cataract)
3	Patient Listing Report - Request For Delete

Picture 1.15a Alert report selection page

The alert report section consists of 3 reports listing of pending task:

- Operative Form Not Submitted
- Outcome Form Not Submitted
- Request For Delete


Cataract Surgery Registry (CSR)								
Patient Listing - Outcome Form NOT Submitted								
No.	Patient ID	Patient Name	MyKad / MyKid No.	Date of Cataract Operation	Operative Eye	Pre Clerking	Operative	Outcome
Hospital Selayang								
1	27031	LETCUMY A/P MUNUSAMY	MyKad/MyKid: 210615-05-5264	01-04-2008	Right eye	Available	Available	Missing
2	27032	APALASAMY A/L RAMASAMY	MyKad/MyKid: 390212-02-5047	01-04-2008	Right eye	Available	Available	Missing
3	27012	CHIN YONG	MyKad/MyKid: 320111-10-5378	01-04-2008	Left eye	Available	Available	Missing
4	24121	LIEW YEE KOOW	MyKad/MyKid: 521001-10-5589	02-04-2008	Right eye	Available	Available	Missing
5	24123	IBRAHIM B DAUD	MyKad/MyKid: 460113-01-5725	02-04-2008	Left eye	Available	Available	Missing
6	24141	YEAP SUAN SIM	MyKad/MyKid: 390729-07-5186	02-04-2008	Left eye	Available	Available	Missing
7	22152	RAJA MAIMUNAH	MyKad/MyKid: 480709-10-5770	03-04-2008	Right eye	Available	Available	Missing
8	22157	KAMSIAM SULAIMAN	MyKad/MyKid: 330421-05-5096	03-04-2008	Left eye	Available	Available	Missing
9	22158	TAM CHEONG	MyKad/MyKid: 410501-10-5225	03-04-2008	Left eye	Available	Available	Missing
10	22159	SALMAH MD ISA	MyKad/MyKid: 361122-10-5104	03-04-2008	Right eye	Available	Available	Missing
11	22140	WONG SIN MOY	MyKad/MyKid: 400915-10-5410	03-04-2008	Right eye	Available	Available	Missing
12	22154	CHAN WAI NGO	MyKad/MyKid: 430919-14-5038	03-04-2008	Right eye	Available	Available	Missing
13	22155	GURDIAL KAUR	MyKad/MyKid: 341222-71-5024	03-04-2008	Left eye	Available	Available	Missing
14	22253	WONG AH NGAN	MyKad/MyKid: 390502-05-5092	04-04-2008	Left eye	Available	Available	Missing
15	22254	OTHMAN AHMAD	Amed Force ID: RF89809	04-04-2008	Left eye	Available	Available	Missing
16	22250	YAP YORK THEING	MyKad/MyKid: 330228-08-5664	04-04-2008	Left eye	Available	Available	Missing
17	22251	PACKIAM A/P PALANISAMY	MyKad/MyKid: 490618-05-5092	04-04-2008	Right eye	Available	Available	Missing
18	22252	SITI ZALIAH	MyKad/MyKid: 570924-10-5684	04-04-2008	Left eye	Available	Available	Missing
19	22255	RAMLAH KADIR	MyKad/MyKid: 320110-03-5156	04-04-2008	Left eye	Available	Available	Missing
20	24110	HENG PO KANG	MyKad/MyKid: 431208-10-5042	04-04-2008	Left eye	Available	Available	Missing
21	24114	HO SIEW LEE	MyKad/MyKid: 670412-06-5074	07-04-2008	Right eye	Available	Available	Missing
22	24108	SOO LIN @ SOO HING LIN	MyKad/MyKid: 440914-10-5423	07-04-2008	Left eye	Available	Available	Missing
23	24139	MANIMARAH A/L LETCHA	MyKad/MyKid: 791015-05-5797	07-04-2008	Right eye	Available	Available	Missing
24	22321	GOVINDAMAL A/P PUNCH ROW	MyKad/MyKid: 330818-10-5098	07-04-2008	Right eye	Available	Available	Missing
25	22327	ESUVASAN A/P SANTHANAM	MyKad/MyKid: 421231-08-5060	07-04-2008	Left eye	Available	Available	Missing
26	22328	HONG AH LEH	MyKad/MyKid: 610510-10-6795	07-04-2008	Left eye	Available	Available	Missing
27	22333	BERIDAH BINTI MOHD NASIR	MyKad/MyKid: 501201-08-5350	07-04-2008	Left eye	Available	Available	Missing
28	22335	SARBIYA BINTI TUAH	MyKad/MyKid: 370307-08-5132	07-04-2008	Right eye	Available	Available	Missing

Picture 1.15b Outcome Form Not Submitted report page

C. View Registry Statistic report

Registry statistic reports consist of 6 reports listing.

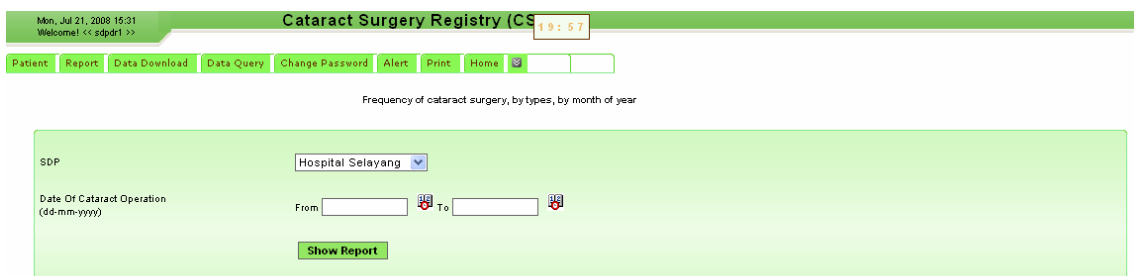
Registry Statistics Report	
1	Frequency of cataract surgery, by types, by month of year
2	Patients characteristics
3	Cataract surgery, anaesthesia used and IOL
4	Intraoperative complications
5	Postoperative complications
6	Postoperative Visual Acuity

* You will need an Adobe Reader to access the PDF files. If you haven't got one, click here: 

Picture 1.16 Registry Statistic report

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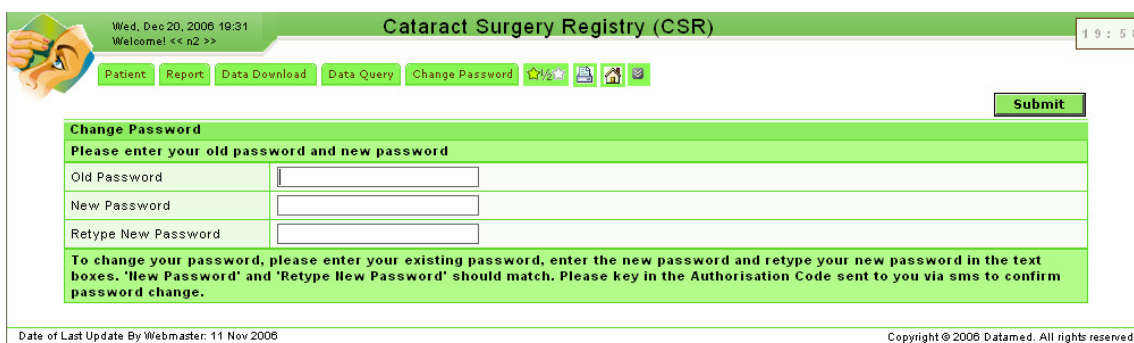
Each report can be filtered by centre name and Date of cataract operation.



Picture 1.17 Filter report page

4.1.10 Change Password

To change the password, click on the 'Change Password' menu toolbar, fill in the details as below and click the Submit button.





Picture 1.18 Change Password page

4.2 Monthly Ophthalmology Service Census, MOH

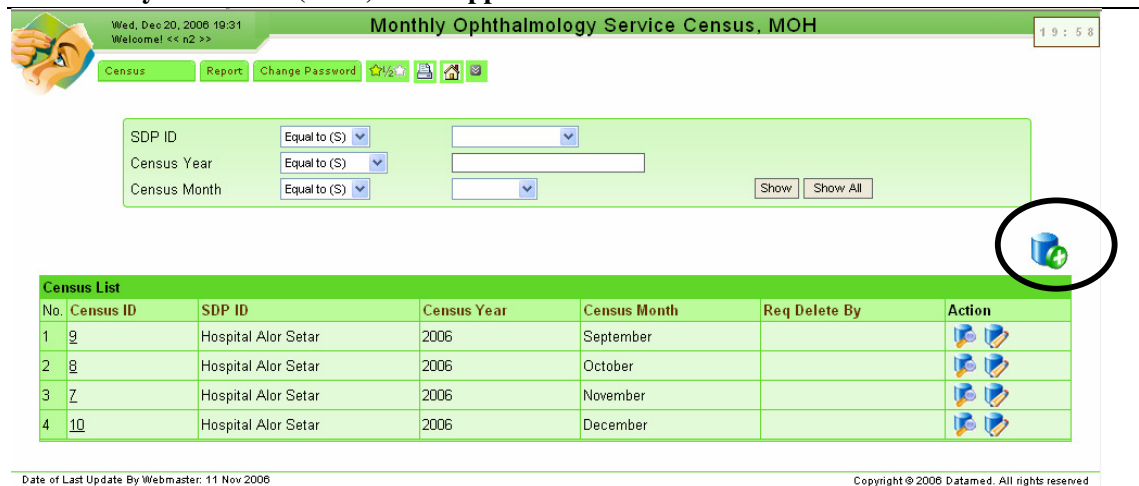
The list of all monthly census submitted to date is displayed as shown below.

Click on blue Add new  button in Picture 1.19a to add a new Census.

Click on blue View  button in Picture 1.19a to view the census details you have entered

Click on blue Update  button in Picture 1.19a to update the census details you have entered

National Eye Database (NED) Web Application - Version 1.0



Wed, Dec 20, 2006 19:31
Welcome! << n2 >>

Monthly Ophthalmology Service Census, MOH









19:58

Census Report Change Password

SDP ID Equal to (S) [dropdown]
Census Year Equal to (S) [dropdown]
Census Month Equal to (S) [dropdown]

Show Show All

Census List

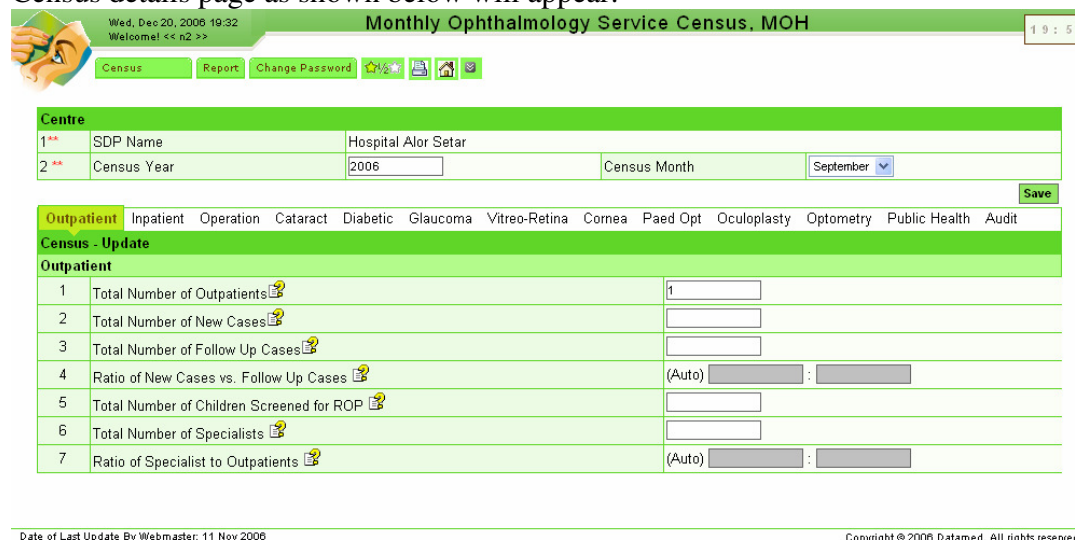
No.	Census ID	SDP ID	Census Year	Census Month	Req Delete By	Action
1	9	Hospital Alor Setar	2006	September		 
2	8	Hospital Alor Setar	2006	October		 
3	7	Hospital Alor Setar	2006	November		 
4	10	Hospital Alor Setar	2006	December		 

Date of Last Update By Webmaster: 11 Nov 2006

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Picture 1.19 Monthly Census Submitted List page

Census details page as shown below will appear.



Wed, Dec 20, 2006 19:32
Welcome! << n2 >>

Monthly Ophthalmology Service Census, MOH

19:58

Census Report Change Password

Centre

1** SDP Name Hospital Alor Setar

2** Census Year 2006 Census Month September

Save

Outpatient Inpatient Operation Cataract Diabetic Glaucoma Vitreo-Retina Cornea Paed Opt Oculoplasty Optometry Public Health Audit

Census - Update

Outpatient		
1	Total Number of Outpatients	1
2	Total Number of New Cases	
3	Total Number of Follow Up Cases	
4	Ratio of New Cases vs. Follow Up Cases	(Auto) :
5	Total Number of Children Screened for ROP	
6	Total Number of Specialists	
7	Ratio of Specialist to Outpatients	(Auto) :

Date of Last Update By Webmaster: 11 Nov 2006

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Picture 1.19b Monthly Census Details page


After keying in the details, click Save.

4.3 Contact Lens Corneal Ulcer Surveillance

The patient list of contact lens corneal ulcer surveillance is as shown below.

Click on blue Add new  button in Picture 1.20a to add a new notification.






Click on blue View  button in Picture 1.20a to view the notification details you have entered

Click on blue Update  button in Picture 1.20a to update the notification details you have entered

National Eye Database (NED) Web Application - Version 1.0

Click on blue Request Delete  button in Picture 1.20a to request delete the notification details you have entered



No.	SDP Name	Patient ID	Patient Name	MyKad/MyKid	Old IC	Date Presentation	Action
1	Hospital Alor Setar	9	TEST #1 14/12 JY	76D101-01-0100		01-01-2006	  
2	Hospital Alor Setar	13	11	111111-11-1111		15-12-2006	  
3	Hospital Alor Setar	14	88	444444-44-4444		15-12-2006	  

Picture 1.20a Patient List/ Search page

The Contact Lens Corneal Ulcer Surveillance form consists of 3 different sections that need to be filled in.




Picture 1.20b Contact Lens Corneal Ulcer Surveillance Form page


After keying in the details, click Save.

4.4 Diabetic Eye Registry

The patient list of diabetic eye registry is as shown below.

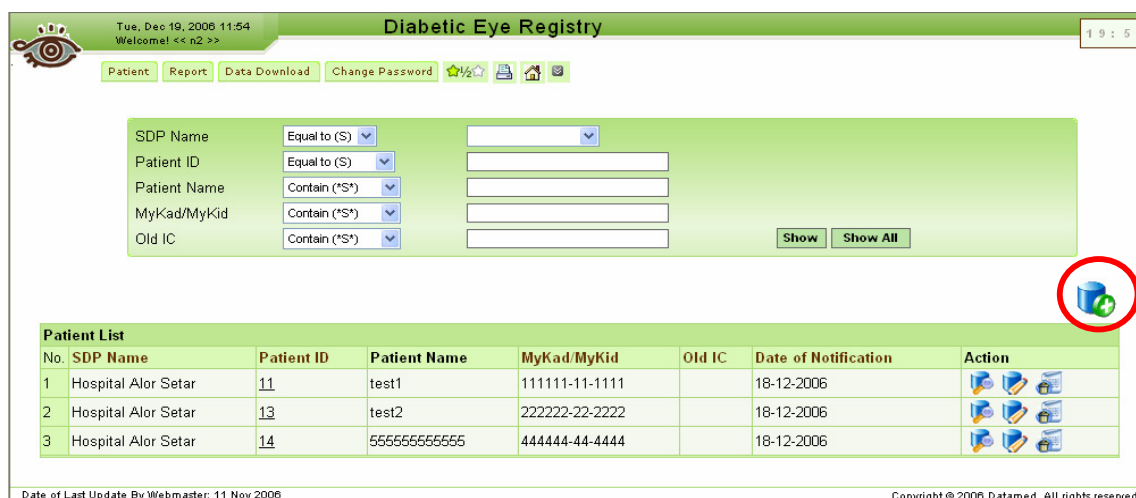
Click on blue Add new  button in Picture 1.20a to add a new notification.

Click on blue View  button in Picture 1.20a to view the notification details you have entered

Click on blue Update  button in Picture 1.20a to update the notification details you have entered

National Eye Database (NED) Web Application - Version 1.0

Click on blue Request Delete  button in Picture 1.20a to request delete the notification details you have entered



Tue, Dec 19, 2006 11:54
Welcome! << n2 >>

Diabetic Eye Registry




19 : 57

Patient Report Data Download Change Password

SDP Name Equal to (S)
Patient ID Equal to (S)
Patient Name Contain (*S*)
MyKad/MyKid Contain (*S*)
Old IC Contain (*S*)

Show Show All

Patient List

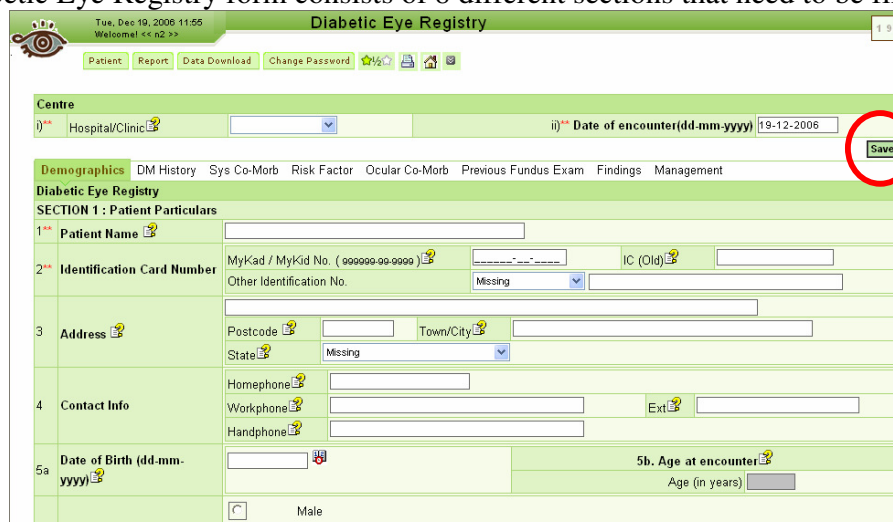
No.	SDP Name	Patient ID	Patient Name	MyKad/MyKid	Old IC	Date of Notification	Action
1	Hospital Alor Setar	11	test1	111111-11-1111		18-12-2006	
2	Hospital Alor Setar	13	test2	222222-22-2222		18-12-2006	
3	Hospital Alor Setar	14	555555555555	444444-44-4444		18-12-2006	

Date of Last Update By Webmaster: 11 Nov 2006

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Picture 1.21a Patient List/ Search page

The Diabetic Eye Registry form consists of 8 different sections that need to be filled in.



Tue, Dec 19, 2006 11:55
Welcome! << n2 >>

Diabetic Eye Registry

19 :

Patient Report Data Download Change Password

Centre

i) Hospital/Clinic ii) Date of encounter(dd-mm-yyyy) 19-12-2006

Demographics DM History Sys Co-Morb Risk Factor Ocular Co-Morb Previous Fundus Exam Findings Management

Diabetic Eye Registry

SECTION 1 : Patient Particulars

1** Patient Name

2** Identification Card Number MyKad / MyKid No. (000000-00-0000) IC (Old)
Other Identification No.

3 Address
Postcode Town/City
State

4 Contact Info Homephone
Workphone Ext
Handphone

5a Date of Birth (dd-mm-yyyy) 5b. Age at encounter
Age (in years)

Male

Save

Date of Last Update By Webmaster: 11 Nov 2006

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Picture 1.21b Diabetic Eye Registry Form page


After keying in the details, click Save.

4.5 Glaucoma Registry

The patient list of diabetic eye registry is as shown below.

Click on blue Add new  button in Picture 1.30a to add a new notification.

Click on blue View  button in Picture 1.30a to view the notification details you have entered

Click on blue Update  button in Picture 1.30a to update the notification details you have entered

Click on blue Request Delete  button in Picture 1.30a to request delete the notification details you have entered



Mon, Jul 21, 2008 15:38
Welcome! << sdpd1 >>

Glaucoma Registry 19:57

Patient Report Data Download Data Query Change Password Alert Print Home

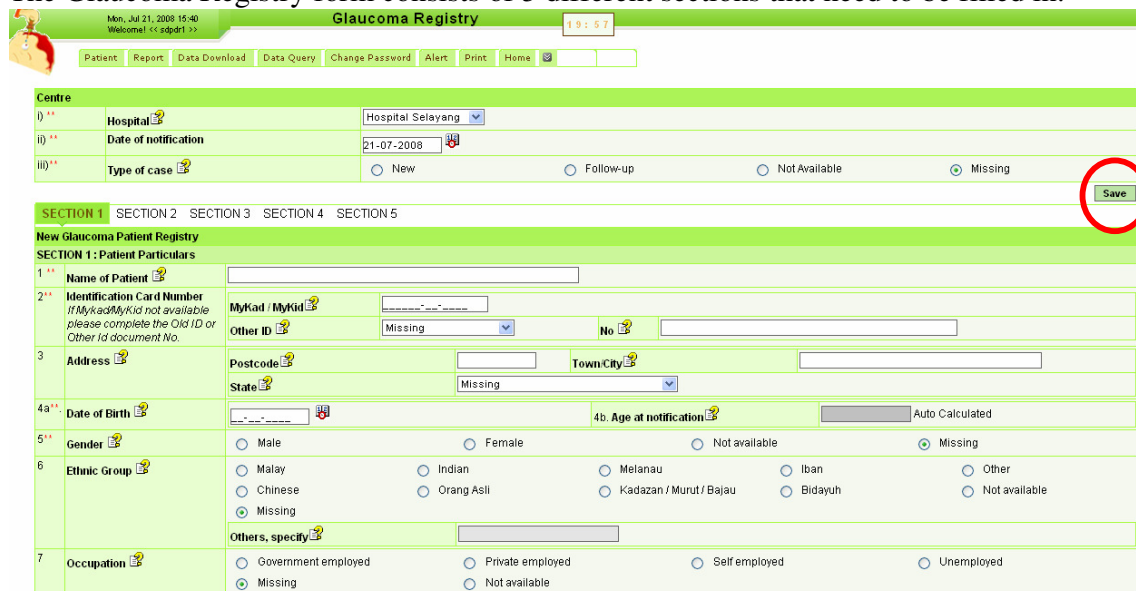
Hospital/Clinic Equal to (S) [dropdown]
Patient ID Equal to (S) [dropdown]
Name of Patient Contain (*S*) [dropdown]
MyKad/MyKid Contain (*S*) [dropdown]

Show Show All

No	Hospital/Clinic	Patient ID	Name of Patient	MyKad/MyKid	Case Type	Date of notification	Action
1	Hospital Selayang	3207	SITI ROZILAH BT MOHAMED RAMLI	810608-14-5270	Follow-up	14-07-2008	   
2	Hospital Selayang	3206	SOON GEE	510303-05-5018	Follow-up	14-07-2008	   
3	Hospital Selayang	3186	TECK LEONG	320817-10-5070	Follow-up	08-07-2008	   

Picture 1.30a Patient List/ Search page

The Glaucoma Registry form consists of 5 different sections that need to be filled in.



Mon, Jul 21, 2008 15:40
Welcome! << sdpd1 >>

Glaucoma Registry 19:57

Patient Report Data Download Data Query Change Password Alert Print Home

Centre

i) **Hospital** [dropdown: Hospital Selayang]
ii) **Date of notification** [calendar: 21-07-2008]
iii) **Type of case** ☐ New ☐ Follow-up ☐ Not Available ☒ Missing

SECTION 1 SECTION 2 SECTION 3 SECTION 4 SECTION 5

New Glaucoma Patient Registry

SECTION 1: Patient Particulars

1 **Name of Patient** [text field]
2 **Identification Card Number**
If MyKad/MyKid not available please complete the Old ID or Other id document No.
MyKad / MyKid [text field]
Other ID [dropdown: Missing] No ☐ [text field]
3 **Address**
Postcode [text field] Town/City [text field]
State [dropdown: Missing]
4a **Date of Birth** [calendar]
4b **Age at notification** [text field] Auto Calculated
5 **Gender** ☐ Male ☐ Female ☐ Not available ☒ Missing
6 **Ethnic Group**
☐ Malay ☐ Indian ☐ Melanau ☐ Iban ☐ Other
☐ Chinese ☐ Orang Asli ☐ Kadazan / Murut / Bajau ☐ Bidayuh ☐ Not available
☒ Missing
Others, specify [text field]
7 **Occupation**
☐ Government employed ☐ Private employed ☐ Self employed ☐ Unemployed
☒ Missing ☐ Not available

Save

Picture 1.31b Glaucoma Registry Form page

After keying in the details, click Save.

4.6 Help Desk Support

Note: The NED User's Manual is subjected for amendment in future for better quality of NED.

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

Phone: 603-61367788

Fax: 603-61207564

Email: ned@acrm.org.my

Address: National Eye Database,
c/o Clinical Research Centre
Level 4, Specialists Office Selayang Hospital,
Lebuhraya Kepong Selayang,
61800 Batu Caves,
Selangor

OR

2) The IT Administrator at: Tel: 603-4044 0615

5.0 NCSR DATA ENTRY PROCESS

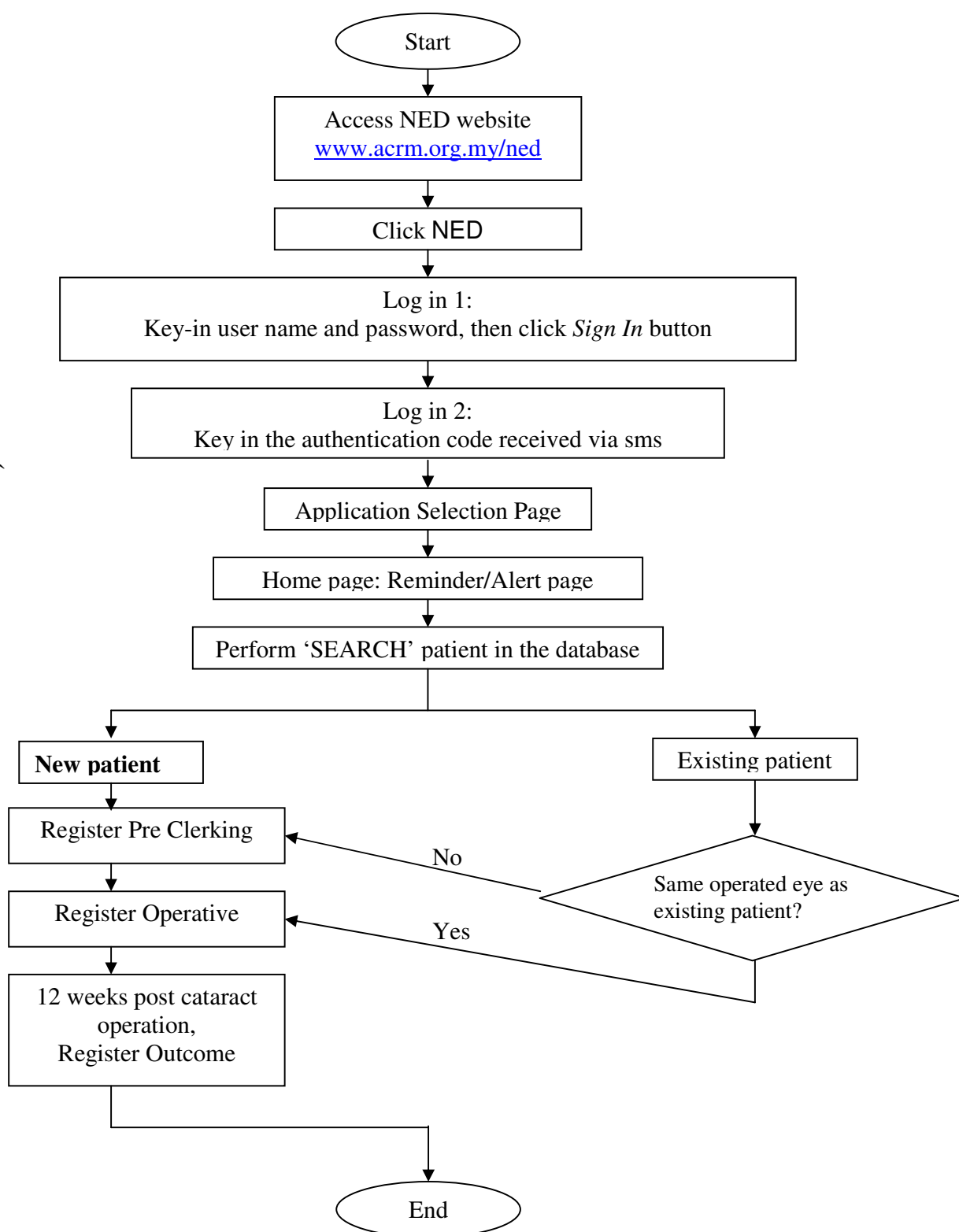


Diagram 1.2 NED Data Entry Flow