## **USER MANUAL**

## **E-HOUSEMANSHIP**

## UNIVERSITY MALAYA MEDICAL CENTER

(VERSION 2.0)

PREPARED BY APPLICATION DEVELOPMENT SECTION INFORMATION TECHNOLOGY DEPARTMENT



### **Document Control**

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# User Manual – e-Housemanship V2

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### 1. Introduction

e-Housemanship V2 Application system is developed to suit the needs of a new log book issued by the Ministry of Health. The address/URL to access this system is <u>http://eho-v2.ummc.edu.my</u>.

There are 5 user type :

- 1. Houseman
- 2. Supervisor (Medical Officer)
- 3. Approver (Lecturer/Consultant)
- 4. Head of Department
- 5. Administration Unit

#### 2. Login To The System

At the login screen, login using Single Sign On ID and password. Then click Login button.

S	e	Ho	us	eman	ship	
		D	:			
		Password	:			
				Login Reset		



### 3. Houseman

Houseman main page displays a list of current and previous posting location.

UNIVERSIT M A L A Y A PUSAT PERUBATAN UI	e-Hou	isema	anshi	P
26 March 2012(Monday)		Welcome,	, RUBAN A/L ARUMUGAM (C	Obstetric and Gynaecology)
POSTING RECORD		HOUSEMAN INFORM	ATION	
Cbd RECORD MINI-CEX RECORD PROCEDURE RECORD CPD RECORD PERFORMANCE APPRAISAL	NAME : RI	0747 40125105407 JBAN A/L ARUMUGAM AEDIATRIC		
LOGOUT		POSTING RECOR	RD	
	Posting Location	Posting Date	Temporary Date	Extend Date
	OBSTETRIC AND GYNAECOLOGY	22/8/2011 - 21/12/2011	-	-
	PAEDIATRIC	22/12/2011 - 21/4/2012	-	-
			N	view all posting summary
	Information	Technology Department		

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On this screen, menu can be accessed via the menu on the left. Selecting the posting location in the list will show the information for the selected location.

Posting information including posting location, date of posting, date of the temporary and extension posting will be entered by the Human Resource Department.

## 3.1. Case Based Discussion (CbD)

a) Click CbD Record on the left menu. The system will display all the CbD that has been recorded before.

			LOCATION : PAEDIATRIC				
	CASE BASED DISCUSSION (CbD) FOR HOUSE OFFICERS						
CBD NO.	PATIENT RN	PROCEDURE DATE	CLINICAL PROBLEM/CATEGORY	SUPERVISOR	ENDORSEMENT STATUS		
			No record.				
			Add Record				



b) Click Add Record button to add new CbD record. A window will open for houseman to insert CbD information and choose supervisor.

🖉 New eHO System - Windows Interne	et Explorer	
ENTERI	NG CASE BASED DISCUSSION RECORD	<u>^</u>
CbD DATE PATIENT INFO CLINICAL CATEGORY/PROBLEM	: Search RN	
SUPERVISOR	: Add Record Reset	
		$\sim$

c) Click CbD record from the list to edit or delete that record.

## 3.2. Mini Clinical Evaluation Exercise (Mini-CEX)

a) Click Mini-CEX Record on the left menu. The system will display all the Mini-CEX that has been recorded before.

	MINI CI	INICAL EVALUA	TION EXERCISE (MINI-CEX) FO	R HOUSE OFFICERS	
MINI- CEX NO.	PATIENT RN	PROCEDURE DATE	CLINICAL PROBLEM/CATEGORY	SUPERVISOR	ENDORSEMENT STATUS
1	27660249	9 January 2012	Neonatal jaudice	Dr. Tay Chee Geap	Waiting
			Add Record		

b) Click Add Record button to add new Mini-CEX record. A window will open for houseman to insert Mini-CEX information and choose supervisor.

New eHO System - Windows Intern	et Explorer	
ENTERING M	INI CLINICAL EVALUATION EXERCISE RECORD	
MINI-CEX DATE PATIENT INFO	: Search RN	
CLINICAL CATEGORY/PROBLEM SUPERVISOR	: \	
	Add Record Reset	



c) Click Mini-CEX record from the list to edit or delete that record.

### 3.3. Procedure

a) Click Procedure Record on the left menu. The system will display all the Procedure that has been recorded before by category.

	LOCATION : PAEDIATR			
NO.	NAME OF PROCEDURE	NUMBER OF PROCEDURE	DETAILS	PERFORMANCE GRADE
1.	Venepuncture (Neonates)	0	Details	
2.	Venepuncture (Paediatrics)	0	Details	
з.	Intravenous Cannulation (Neonates)	0	Details	
4.	Intravenous Cannulation (Paediatrics)	0	Details	
5.	Blood Culture	0	Details	
6.	Delivery of Bronchodilators - MDI with Spacer	0	Details	

b) Choose procedure category from the category list. Then click Details to add and view the details of the procedure. A window will open.

🖉 New eHO System - Windows Inte	rnet Explorer					
	ENTERING VENEPUNCTURE (PAEDIATRICS) R	CORD				^
PROSEDURE D/ PATIENT INFO SUPERVISOR	ATE : Search RN : Save Record Reset	]	~			
	LIST OF VENEPUNCTURE (PAEDIATRICS) PROCED	URE DONE				
No. Patient RN Procedure Date	Skills	Supervisor	Status	Grade	Action	
1 27839958 14 January 2012	<ul> <li>The HO must check that the blood is being collected from the correct patient.</li> <li>The HO must wash hands and wear gloves for this procedure.</li> <li>The HO must clean patient's skin for the procedure.</li> <li>The HO must successfully collect the blood samples within two attempts.</li> <li>The patient must experience minimum disconfort.</li> <li>The HO must ensure that there is no uncontrolled bleeding after the procedure.</li> <li>The HO must correctly complete the details on the sample tubes.</li> </ul>	Chan	Waiting			
						~



- c) Insert procedure information and choose supervisor. Then click Save Record button.
- d) Click 📝 icon to edit procedure information, or click 🕴 to delete record.

### 3.4. Continuing Professional Development (CPD)

a) Click CPD Record on the left menu. The system will display all the CPD that attended or presented by Houseman.

	CONTINUING PROF	ESSIONAL DE	VELOPMENT	(CPD)
	Topic Category : Mandatory To	opic 💌 Particip	oation Type :	Participant 💌
No.	Торіс	Start Date	End Date	Supervisor
No. 1.	Topic Respiratory Distress of the Newborn	Start Date 2/1/2012		Supervisor Dr. Liew Mei Yin

b) All the CPD is recorded by Administration Unit.

### **3.5.** Performance Appraisal

a) Click Performance Appraisal on the left menu. The system will display Performance Appraisal to be sent to approver.

No.	COMPULSARY OBSERVED PROCEDURES	OBSERVED
1.	Umbilical Venous Catheterization	0
2.	Lumbar Puncture	0
3.	Blood Exchange Transfusion	0
4.	Chest Tube Insertion	0
5.	Intraosseous Line	0
6.	Bladder Catheterization	0
7.	Bone Marrow Aspiration	0
8.	Arterial Sampling / Puncture and Arterial Blood Gas	0
	Approver : - Choose Approver -	

b) Choose approver and click Submit for Approval button.



### 4. Supervisor (Medical Officer)

Role of supervisor is to assess procedure made by houseman. The main page of supervisor will display list of procedures and the number of new and assessed procedures, also total number of the procedures.

Procedures	New	Assessed	Total
Venepuncture (Neonates)	0	0	0
Venepuncture (Paediatrics)	1	0	1
Intravenous Cannulation (Neonates)	0	0	0
Intravenous Cannulation (Paediatrics)	0	0	0
Blood Culture	0	0	0
Delivery of Bronchodilators - MDI with Spacer	0	0	0
Neonatal Resuscitation (Need to indicate whether includes intubation)	0	0	0
Participate in Resuscitation of Children	0	0	0
Nasogastric Tube Insertion	0	0	0
Heel Prick / Dextrostix	0	0	0
ECG Record and Interpretation	0	0	0
Oxygen Therapy (Methods of Oxygen Delivery)	0	0	0
Application of Pulse Oximeter	0	0	0
Nebulisation	0	0	0
Measurement of Peak Flow	0	0	0
Umbilical Venous Catheterization	0	0	0
Lumbar Puncture	0	0	0
Blood Exchange Transfusion	0	0	0
Chest Tube Insertion	0	0	0
Intraosseous Line	0	0	0
Bladder Catheterization	0	0	0
Bone Marrow Aspiration	0	0	0
Arterial Sampling / Puncture and Arterial Blood Gas	0	0	0

Click at the number of new procedure will open the procedures that have been made by the houseman.



#### PROCEDURE ASSESSMENT LIST

Category : Compulsory Performed Procedures (DOPS) 🔽 Choose : New Assessment List 💌

No.	Nric	Staff No.	Name	No. of Procedure
1.	840125105407	H0747	RUBAN A/L ARUMUGAM	1

Then click at the houseman name to view the list of procedure that has been made by that houseman. Click at the procedure name to make assessment.

VENEPUNCTURE (PAEDIATRICS)	
PROCEDURE DATE	14 January 2012
VENEPUNCTURE	The purpose of this assessment is to ensure that the HO can safely take a venous blood sample and provide advise on how to improve his (or her) technique.
PATIENT	The patient must be haemo-dynamically stable, well perfused, and have a readily identifiable vein suitable for venepuncture and need to have blood samples taken. Patient RN : 27839958 Patient Name : Hanna Zahra binti Mohd Hilman
HYGIENE	The HO must have clean hands and wear gloves for this procedure. The patient's akin must be cleaned.
EQUIPMENT AND VEIN	The HO must demonstrate familiarity with appropriate syringe and needle for paediatric cases and appropriate tubes and select a suitable vein for venepuncture.
PROCEDURE (Please tick boxes to ensure the procedure has been completed correctly before completing the DOPS assessment form)	<ul> <li>The HO must perform the following skills</li> <li>The HO must check that the blood is being collected from the correct patient.</li> <li>The HO must wash hands and wear gloves for this procedure.</li> <li>The HO must clean patient's skin for the procedure.</li> <li>The HO must successfully collect the blood samples within two attempts.</li> <li>The patient must experience minimum disconfort.</li> <li>The HO must personally dispose of the "sharps", and tidy up afterwards.</li> <li>The HO must correctly complete the details on the sample tubes.</li> </ul>
	verall Performance : Grade B (Satisfactory) 🛛 🔿 Grade C (Poor)
Feedback :	
Back Save	Confirm Assessment Reset

Fill in the checkbox where appropriate, give grade and write some feedback if any. Click Save button to save but it can be changed later. Click Confirm Assessment to save and confirm assessment. After that no changes are allowed.



### 5. Approver (Lecturer/Consultant)

Approver role is to assess Work Based Assessments, overall performance and multisource feedback of the house officer.

The main screen for approver will display assessment statistic.

ASSESSMENT STATISTIC			
	New	Assessed	Total
Case Based Discussion (CbD)	1	6	7
Mini Clinical Evaluation Exercise (Mini-CEX)	0	5	5
Multisource Feedback (MSF) For House Officers	2	2	4
	New	Approved	Total
Performance Appraisal Submission	0	2	2

This statistics display the number of new and assessed job that the approver had made.

#### 5.1. CbD Assessment

a) Click CbD Assessment on the left menu. It will display the list of CbD that need to be assessed.

No.	Nric	Staff No.	Name	No. of Procedure
1.	840125105407	H0747	RUBAN A/L ARUMUGAM	1

Choose : New Assessment List 💙

b) Then click at the name of a houseman. The system will display information of the houseman and the list of CbD that the houseman made as the default display.

WORK BASE ASSESSMEN		CPD	FORM A		ILTISOURCE EEDBACK		
	WORK BASED ASSESSMENT						
	Choose : Case Based Discussion (CbD)						
NO. CLINICAL PROBLEM/CATEGORY CbD DATE PATIENT RN STATUS							
1 Newly diag	gnosed ALL		4 January 2012	27660249	Waiting		

c) Click on the clinical problem/category on the list to make assessment.



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CBD NUMBER	: 1	CBD DATE	:	: 4 Janu	: 4 January 2012	
CLINICAL CATEGORY/PROBLEM	: Newly diagnosed ALL					
RN	: 27660249					
Patient Name : Siti Zaharah Binti Sapuan						
Please grade the follow	ase grade the following areas using the scales			Poor	Not	
			B	С	Applicable	
1. History Taking		0	0	0	0	
2. Examination		0	0	$\bigcirc$	0	
3. Diagnosis		0	0	$\circ$	0	
4. Management		0	0	0	0	
5. Documentation		0	0	0	0	
OVERALL GRADE		0	0	0	0	
Focus of Clinical Encour	iter					
Documentation	Clinic	cal Assessm	ent			
Management	Profe	essionalism				
Anything specially good	1? Si	uggestion fo	r developmen	t		
					~	
	~				~	
Agreed Action :						
					<u>^</u>	

#### WORK BASED ASSESSMENT - Chi

- d) Give grade for the listed areas, choose focus of clinical encounter and comment where appropriate.
- e) Save Assessment to store the assessment information and this assessment can be changed later.
- f) Click Approve Assessment to confirm the assessment that has been made. No changes are allowed after that.

#### 5.2. Mini-CEX Assessment

a) Click Mini-CEX Assessment on the left menu. It will display list of Mini-CEX need to be assess.



No.	Nric	Staff No.	Name	No. of Procedure
1.	840125105407	H0747	RUBAN A/L ARUMUGAM	1

b) Then click at the name of a houseman. The system will display information of the houseman and the list of Mini-CEX that the houseman made as the default display.

	VORK BASED ASSESSMENT	PERFORMANCE APPRAISAL	CPD	FORM A		ILTISOURCE EEDBACK
	WORK BASED ASSESSMENT					
	Choose : Mini Clinical Evaluation Exercise (Mini-CEX) 💌					
NO.	NO. CLINICAL PROBLEM/CATEGORY CbD DATE PATIENT RN STATUS					STATUS
1	Neonatal jaudice			9 January 2012	27660249	Waiting

c) Click on the clinical problem/category on the list to make assessment.

MINI-CEX NUMBER : 1 CLINICAL : Neonatal jaudice CATEGORY/PROBLEM : 27660249 Patient Name : Siti Zaharah Binti Sapuar	MINI-CEX	DATE	: 9 Janua	ary 2012	
Please grade the following areas using the scales	Good A	Satisfactory B	Poor C	Not Applicable	
1. History Taking	0	0	0	0	
2. Examination	0	0	0	0	
3. Clinical Judgement	0	0	0	0	
4. Management	0	0	$\bigcirc$	0	
5. Communication Skills	0	0	$\bigcirc$	0	
OVERALL GRADE	0	0	0	0	
Focus of Clinical Encounter         History       Diagnosis         Management       Explaination					
Anything specially good?  Suggestion for development					
Agreed Action :					

#### WORK BASED ASSESSMENT - MINI-CEX



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- d) Give grade for the listed areas, choose focus of clinical encounter and comment where appropriate.
- e) Save Assessment to store the assessment information and this assessment can be changed later.
- f) Click Approve Assessment to confirm the assessment that has been made. No change allowed after that.

### **5.3.** Performance Appraisal

a) Click Performance Appraisal on the left menu. It will display the list of houseman need appraisal and approval to end their posting.

PERFORMANCE APPRAISAL LIST						
Choose List : New Approval List 💌						
No.	No. Nric Staff No. Name					
1.	840125105407	H0747	RUBAN A/L ARUMUGAM			

- b) Then click at the list of houseman to continue the process.
- c) Give grade for all procedure and click Save button.

No.	COMPULSARY OBSERVED PROCEDURES	DETAILS	NUMBER OF PROCEDURES OBSERVED
1.	Umbilical Venous Catheterization	Details	0
2.	Lumbar Puncture	Details	0
з.	Blood Exchange Transfusion	Details	0
4.	Chest Tube Insertion	Details	0
5.	Intraosseous Line	Details	0
6.	Bladder Catheterization	Details	0
7.	Bone Marrow Aspiration	Details	0
8.	Arterial Sampling / Puncture and Arterial Blood Gas	Details	0

Comment		
Approver Name Designation Date	: Dr. Liew Mei Yin : Pensyarah : 26 March 2012	
	Submit Appraisal	

d) Then give comment and click Submit Appraisal.

### 5.4. Multisource Feedback (MSF)

a) Click Multisource Feedback on the left menu. System will display the list of houseman that needed multisource feedback.

MULTISOURCE FEEDBACK (MSF) LIST							
	Choose List : New Assessment List 💌						
No. Nric Staff No. Nam			Name				
1.	850309146077	H0690	FIRDAUS BIN MORTADZA				
2.	880612085737	H0755	HARKEERAT SINGH A/L SUKHDARSHAN SINGH				

b) Choose and click the name from the list to give feedback for the selected houseman.

MULTISOURCE FEEDBACK (MSF) FOR HOUSE OFFICERS

DATE OF START PAEDIATRIC POSTING : 3 OCTOBER 2011						
Attribute and / or Behaviour		You have some concern	You have major concern	COMMENT: Anything especially good? Or any concerns? Please comment on behaviour over time-not just a single incident		
Maintaining trust/professional relationship with patients • Listens • Is polite and caring • Shows respect for patients' opinions, privacy, dignity, and is unprejudiced	0	0	0	< >		
Verbal communication skills • Gives understandable information • Speaks clearly, at the appropriate level for the patient	0	0	0	< >		
Team-working/working with colleagues • Respects others' roles, and works constructively in the team • Hands over effectively, and communicates well • Is unprejudiced, supportive and fair	0	0	0	< >		
Accessibility • Accessible • Takes proper responsibility • Does not shirk duty • Response when called • Arranges cover for absence	0	0	0			
Please use the comments boxes to comment good behaviour and to describe any behaviour which is causing you concern. Give specific examples. This form will be sent to the head of department / HO supervisor who may require additional information. Feedback will be given to the doctor as necessary if there are any concerns. The House Officer will receive private feedback but you will not be identified in person.						
Assessor : Dr. Liew Mei Yin						
Date : 27 March 2012						
Save Assessment						

c) Fill in where appropriate and click Save Assessment button.



### 5.5. Form A

a) Click Form A at the menu below houseman's basic information.

WORK BASED ASSESSMENT	PERFORMANCE APPRAISAL	CPD	FORM A	MULTISOURCE FEEDBACK				
	TRAINING	COMPLETION CE	RTIFICATE					
	CERTIFICATE OF COMPLETION OF TRAINING							
This is	This is to certify that Dr. Harkeerat Singh a/l Sukhdarshan Singh has satisfactorily							
	completed training in Paediatric as a House Officer in this Hospital University Malaya Medical Centre from 3 October 2011 to 2 February 2012 (including extension of							
housen	housemanship period, where applicable).							
-	During that period he / she was engaged in employment in a resident Paediatric post as							
require	d under Section 13(2) of Me	edical Act, 1971 to n	ny satisfaction.					
		Print						

b) Then click Print button to print the Training Completion Certificate for that houseman.

## 6. Head of Department (HOD) / Administration Unit

HOD and Administration Unit only view all the information for the house officers in the department. The main page displays the statistic as below.

STATISTIC	
	Submitted
Multisource Feedback (MSF) For House Officers	0
	Current
Number of House Officers	3
Previous Posted House Officers	89



### 6.1. Multisource Feedback

a) From the left menu, click Multisource Feedback to view all the MSF that has been submitted and assessed for the house officer that currently in the department.

MULTISOURCE FEEDBACK (MSF) LIST						
No.	Nric	Staff No.	Name			
1	840125105407	H0747	RUBAN A/L ARUMUGAM			

b) Then click the name of houseman from the list to view the MSF.

### 6.2. House Officer List

a) Click House Officer List on the left menu. System will display the list of house officers that are currently in the department.

	HOUSE OFFICERS LIST							
No.	Staff No.	Name	Posting Period	Extend Period	Temporary Period			
1.	H0747	RUBAN A/L ARUMUGAM	22/12/2011-21/04/2012	-	-			
2.	H0702	MUHAMMAD YUSUF BIN ABDURRAHMAN	11/12/2011-10/04/2012	-	-			
з.	H0701	MOHAMMAD AIZUDDIN BIN AZIZAH ARIFFIN	11/12/2011-10/04/2012	-	-			

b) Then click on the name in the list to view posting details like Work Based Assessment, Procedures, CPD, Form A and MSF.

UNIVERSI OF MALA	YA	User Manual – e-Housemanship V2				
		HOUSE	MAN INFORM	IATION		
IC NA CU	AFF NO. NO. ME JRRENT LOCATION	: H0747 : 84012510540 : RUBAN A/L AR : PAEDIATRIC				LTISOURCE
	ESSMENT	APPRAISAL	CPD	FORM A		EEDBACK
		WORK	BASED ASSES	SSMENT		
		Choose : Case Base	d Discussion (	CbD) 💌		
NO.		L PROBLEM/CATEGORY		CbD DATE	PATIENT RN	STATUS
	toimmune neutrope wly diagnosed ALL	enea		18 January 2012 4 January 2012	27839958 27660249	Waiting Assessed

# 6.3. Previous Posted House Officer

a) Click Previous Posted House Officer on the left menu. System will display the list of house officer who have posted in the department.

	HOUSE OFFICERS LIST			
Staff No.	:			
Name	:			
	Search Record Reset			

89 record(s)

_					89 record(s
No.	Staff No.	Name	Posting Period	Extend Period	Temporary Period
1.	H0561	ANNA MASRUROH BINTI OSMAN	23/06/2009-22/10/2009	-	-
2.	H0554	AWATEF BINTI AMER NORDIN	22/09/2009-21/01/2010	-	-
з.	H0584	MOHD HAFIZY BIN ZAINODDIN	04/10/2009-03/02/2010	-	-
4.	H0573	LIM SHIN BOON	22/12/2009-21/04/2010	-	-
5.	H0608	SITI RAIHANA BINTI HASHIM	25/12/2009-24/04/2010	-	-
6.	H0583	BIBIANA CHING PEI-JUN	04/02/2010-03/06/2010	-	-
7.	H0560	WEE LEE SHIA	23/02/2010-22/06/2010	-	-
8.	H0607	RITA AKMAR BINTI BAHARI	25/04/2010-24/08/2010	-	-
9.	H0606	DARUL IHSAN BIN ABD RAHIM	25/04/2010-24/08/2010	-	-
10.	H0609	NOOR SHAHIRA BINTI ABDULLAH	25/04/2010-24/08/2010	-	-
			6 7 0 0 Noviti - Looti		

<sup>1 2 3 4 5 6 7 8 9</sup> Next > Last >>

b) Click on any house officer in the list to view posting details in the department.



# 7. Logout

Click the Logout link on the left menu to sign out from the system.

Thank You.