



## **IMPLEMENTATION REPORT**

**DIPLOMA IN MEDICAL  
RADIODIAGNOSIS (DMRD)**

# **Rawalpindi Medical University**



# ROAD MAP OF DMRD TRAINING IN RADIOLOGY DEPARTMENT HOLY FAMILY HOSPITAL

ROAD MAP DMRD TRAINING DIAGNOSTIC RADIOLOGY:

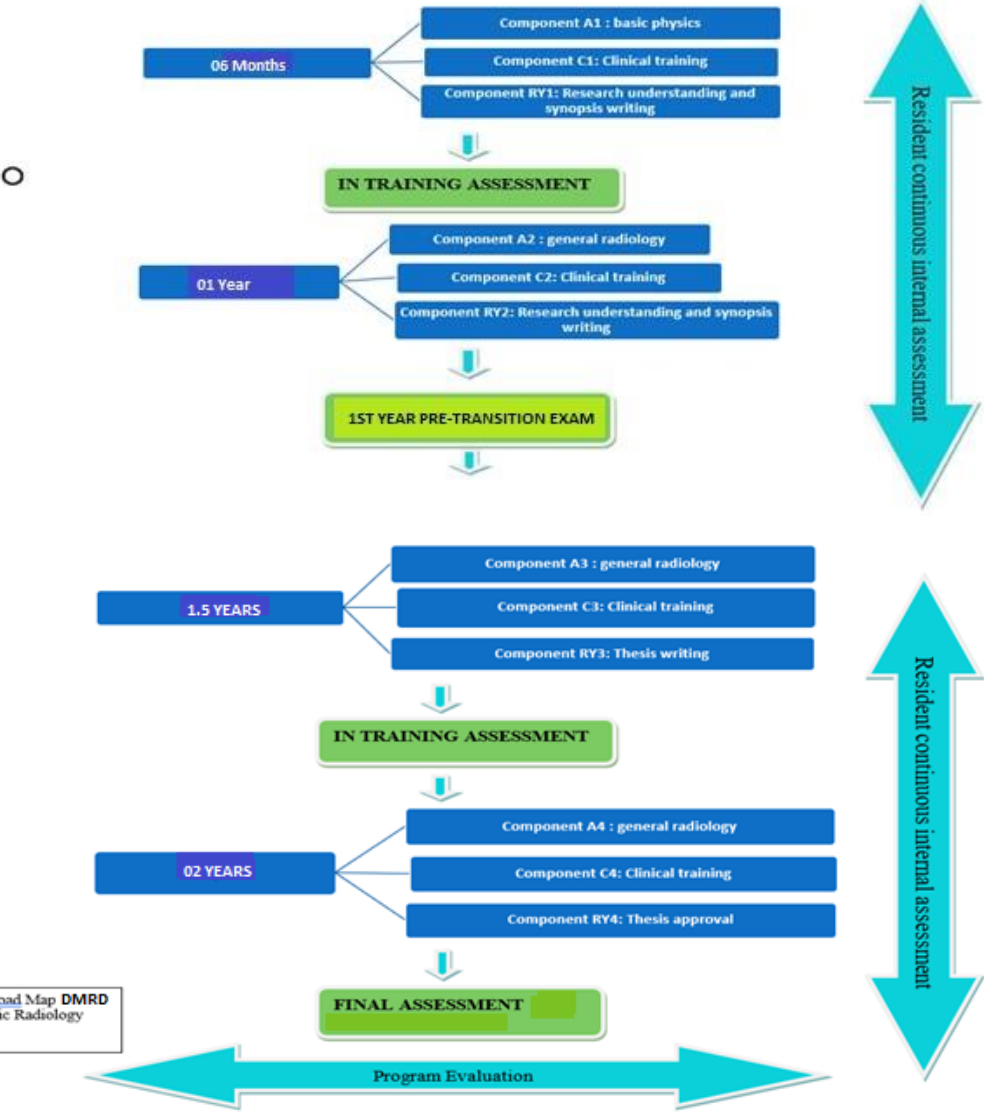


FIG-1 Road Map DMRD Diagnostic Radiology Program

# **1<sup>ST</sup> YEAR ACADEMIC PLANNER DMRD**

## **BATCH 2 SEPTEMBER-2023 TO AUGUST-**

### **2024**

#### **GENERAL LAYOUT:**

SEPT-OCT	ULTRASOUND BASICS (DMRD Module)
<b>SEP- DEC</b>	<b>CHEST AND CVS</b>
NOV-JAN	PHYSICS (DMRD Module)
<b>JAN- MAR</b>	<b>GIT</b>
FEB- MAR	ANATOMY AND POSITIONING (DMRD Module)
APR- MAY	PROCEDURES (DMRD Module)
<b>APRIL-JUNE</b>	<b>MSK</b>
JUN-JUL	EMERGENCY RADIOLOGY (DMRD Module)
<b>JULY- AUG</b>	<b>SPINE</b>
SEPT	1ST YEAR TRANSITION EXAM

# **ACADEMIC PLANNER DMRD BATCH 1 (YEAR 2) RADIOLOGY JUNE-2023 TO JUNE-2024**

## **GENERAL LAYOUT:**

JUNE-AUG	BREAST
SEP- DEC	CHEST AND CVS
JAN- MAR	GIT
APRIL-JUNE	MSK
<b>JULY-AUGUST</b>	<b>EXIT EXAM</b>

## Monthly Rotations in Department.

- OPD Ultrasound
- Ward Ultrasound
- Emergency Ultrasound
- Doppler Ultrasound
- X rays Reporting
- Mammography
- CT Reporting
- MRI Reporting
- Portable Ultrasound

## Weekly academic activity Timetable

Different days deputed to various academic activities in the unit.

Day	Academic activity	Presented by	Supervised by
Monday	Case Conference/Morning meeting	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> year PGT	Supervisor/mentor
Tuesday	Large group interactive discussion on Subject review/topic presentation/guidelines	SR/AP/associate Prof	Supervisor/mentor
Wednesday	Clinicopathological conference Grand round	Clinical Department	Supervisor/mentor
Thursday	Hot Seat Session /Mini Module session	SR/AP/associate Prof	Supervisor/mentor
Friday	Log Books Checking	SR/AP/associate Prof	Supervisor/mentor
Saturday	Journal club	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> year PGT	Supervisor/mentor

\*All PGTs will be regularly evaluated by attendance and participation.

### Example

#### ACADEMIC ROSTER OF CHEST MODULE & RADIOLOGY PHYSICS-SEPTEMBER/OCTOBER 2023

Dates	Days	Presentation	Topic	Supervisor/Mentor
11-09-23	Monday	Morning Meeting	-	All PGTs and supervisors/mentors
12-09-23	Tuesday	LGIS	Imaging in mediastinal diseases	Dr. Aniqua Saleem
14-09-23	Thursday	LGIS (mini module)	USG Physics Knobology	Dr. Saba Binte Kashmir
16-09-23	Saturday	Journal Club	-	Presenter-Dr. Sadaf Dr. Sadia Mentor- Dr. Sana Yaqoob
18-09-23	Monday	Morning Meeting	-	All PGTs and supervisors/mentors
19-09-23	Tuesday	LGIS	HRCT in Interstitial Lung Diseases	Dr. Nasir Khan
21-09-23	Thursday	LGIS (mini module)	USG Artefacts	Dr. Jahangir Khan
22-09-23	Friday	Hot seat session	-	Dr. Anam Zahoor
23-09-23	Saturday	Journal club	-	Presenter-Dr. Maria Dr. Junaid Mentor- Dr. Riffat Raja
25-09-23	Monday	Morning Meeting	-	All PGTs and supervisors/mentors
26-09-23	Tuesday	LGIS	Pulmonary Infections	Dr. Sana Yaqoob
28-09-23	Thursday	LGIS (mini module)	Contrast Media	Dr. Nasir Khan
30-09-23	Saturday	Journal Club	-	Presenter-Dr. Hamyl Dr. Rida Mentor- Dr Aniqua Saleem
02-10-23	Monday	Morning Meeting	-	All PGTs and supervisors/mentors
03-10-23	Tuesday	LGIS	Imaging in Airway Diseases	Dr. Saba Binte Kashmir
05-10-23	Thursday	LGIS (mini module)	Contrast Media	Dr. Nasir Khan
06-10-23	Friday	Hot Seat session	-	Dr. Jahangir Khan
07-10-23	Saturday	Journal Club	-	Presenter-Dr. Ayesha, Dr. Madiha

Mentor- Dr. Anam Zahoor

### Daily Training plan for all PGTs

Plan for all PGTs	
Time	Activity
8am to 9:30am	Morning Meeting/CPC/LGIS/Case Presentation/Journal Club
9:30 am to 12pm	Reporting session/ Hands on training
12pm -1.30 pm	SR / Consultant Case based discussion
1.30pm to 3pm	Reports writing

### Year wise Elective Rotations

Year of residency	Rotations	Duration
First Year	Nuclear medicine	1 month
	CT	1 month
Second Year	CT	2 month
	MRI	1 month

## Disease Statistical Review Writing

The active research component program must ensure meaningful, supervised research experience with appropriate protected time for each resident while maintaining the essential clinical experience. Residents must learn the design and interpretation of a disease statistical review, responsible use of informed consent, and research methodology and interpretation of data. The program must provide instruction in the critical assessment of new therapies and of medical literature. Residents will be advised and supervised by qualified staff members in the conduct of review.

To help conduct of Research and facilitate Thesis writing following workshops are mandatory during training that will be organized by RMU:

- Communication skills
- Computer & IT skills days
- Disease Statistical Review writing

First month	Research ID
0-6 months	Topic selection
7 <sup>th</sup> -12 <sup>th</sup> month	Topic submission & approval
End of 2 <sup>nd</sup> year	Disease Statistical Review Submission



### ATTENDANCE LOG MONTH OF AUGUST 2023

NAME OF RESIDENT	COURSE TITLE	MONDAY CME			BREAST MODULE LECTURES		JOURNAL CLUB BREAST		BREAST MODULE TEST RESULT		
		8/7/2023	8/7/2023	8/7/2023	8/7/2023	8/7/2023	8/7/2023	8/7/2023	MCQs (%) 8-31-2023	TOACS (%) 8-31-2023	TOTAL (%)
Dr. Shiza	FCPS	L	P	ROOM6	P	ROOM6	L	P	65	86	75.5
Dr. Hakim	FPCS	R	R	R	R	R	R	R	55	40	48
Dr. Taqdees	FCPS	A									
Dr. Hassan	FCPS	P	P	MRI	P	P	P	MRI	60	78	69
Dr. Kiran	FCPS	L	L	P	L	L	L	P	60	80	70
Dr. Warda	FCPS	P	P	P	P	P	P	CT/ER	65	75	70
Dr. Sara	FCPS	L	P	CT/ER	CT/ER	CT/ER	L	P	75	74	74.5
Dr. Anam Aqib	FCPS	P	P	A	P	P	P	L	80	70	75
Dr. Muqaddas	FCPS		P	P	P	P	P	P			
Dr. Amina	MD	P	L	ML	P	P	P	ML	ML	ML	ML
Dr. Zahid	MD	P	P	SL	SL	L	L	SL			
Dr. Armaghan	MD	P	P	P	P	P	P	L	60	67	63.5
Dr. Romila	MD	R	P	P	P	P	P	P	40	73	56
Dr. Sadaf Zahid	MD	P	L	P	P	E	P	P	45	77	61
Dr. Lubna	MD	CT/ER									
Dr. Muntazir	MD	P	P	P	P	P	P	P	50	80	65
Dr. Iqra	MD	P	P	P	P	P	P	P	50	57	53.5
Dr. Tooba	MD		P	P	P	P	P	WK			
Dr. Sadia	DMRD	L	P	P	P	P	P	P	65	75	70
Dr. Junaid	DMRD	P	P	L	P	P	P	P	65	78.5	72
Dr. Hamayl	DMRD	P	P	P	P	P	P	P	65	86	75
Dr. Sadaf Satti	DMRD	P	P	P	P	P	P	P	55	70	62.5
Dr. Rida	DMRD	P	P	P	P	P	P	P	60	63	61.5
Dr. Maria	DMRD	P	P	P	P	P	P	P	50	86	63



## ANNUAL DMRD RESIDENT ASSESSMENT REPORT

NAME OF THE RESIDENT	KEY PERFORMANCE INDICATORS	ASSESSMENT RESULTS					TARGET ACHIEVED Y/N	REMARKS	SCORE
DR. XYZ	CLINICAL KNOWLEDGE	Pre transition Module 1 47% Fail	Pre transition Module 2 44% Fail	Pre transition Module 3 56.7% Pass	Pre transition Module 4 50% Pass	CNS Module 40% Fail	Aggregate 43.4% Fail No	Radiation physics (2 <sup>nd</sup> module) and CNS module are difficult due to high cognitive overload for 1 <sup>st</sup> year resident. She was not expected to fail 1 <sup>st</sup> pre transition procedure module test, probably she was not well prepared for it.	15
	PROCEDURAL SKILLS	DOPS 1 50% Pass		DOPS 2 67% Pass		DOPS 3 53% Pass			She tries her best to understand the radiological techniques and image interpretation
	CASE PRESENTATIONS & JOURNAL CLUB PRESENTATIONS	She presented 2 case presentations, 1 journal club and 1 physics presentation. She is under confident and struggles to prepare well for presentations. Presentation skills and content of power point presentations need improvement.					No	Boost confidence. PPT presentations and presenting skills needs improvising	4
	LOG BOOK	complete					Yes		10
	COMMUNICATION AND COLLABORATION	She is under confident and needs to improve her communication skills with her mentors and colleagues.					No	Improve her self-confidence and trust her abilities	3
	PROFESSIONALISM & ETHICAL CONDUCT	Attendance 87.5%					Yes	1 month wedding leave, her 1 <sup>st</sup> year rotations to end by 15 <sup>th</sup> June, 2023. She is punctual and regular and adheres to professional ethics	10
	CONTINUOUS LEARNING & IMPROVEMENT	She has attended all required workshops. Topic for disease statistical review is selected. She needs to study recent related articles for better understanding.					Yes	Consult recent articles and journal for better comprehension	10
									<b>TOTAL 67/100</b>



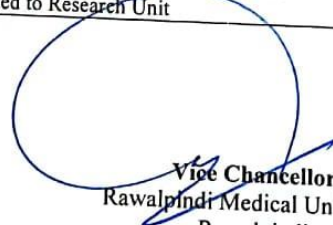
**Department of Medical Education  
Rawalpindi Medical University  
Rawalpindi**



**RMU Diploma Program Eligibility Criteria for Assessment/Examinations**

For 1 Year Diploma Program	For 2 Years Diploma Program
<b>Final Assessment</b>	<b>1<sup>st</sup> Year in Training Assessment</b>
Must have certificate of completion of 1 Year training from supervisor and DME	Must have certificate of completion of 1 Year training from supervisor and DME
Submit satisfactory performance report duly signed by supervisor, which includes <ul style="list-style-type: none"> <li>• Attendance 80%</li> <li>• Internal Assessment 75%</li> </ul>	Submit satisfactory performance report duly signed by supervisor, which includes <ul style="list-style-type: none"> <li>• Attendance 80%</li> <li>• Internal Assessment 75%</li> </ul>
Submit certificate of all mandatory workshops to DME	Submit certificate of all mandatory workshops to DME
Log book duly signed by supervisor, DME and QEC department.	Log book duly signed by supervisor, DME and QEC department.
One disease statistical analysis should be submitted to Research Unit	<b>Final Assessment</b>
	Must have certificate of completion of 2 Years of training from supervisor and DME
	Must have passed 1 <sup>st</sup> year in training assessment
	Submit satisfactory performance report duly signed by supervisor, which includes <ul style="list-style-type: none"> <li>• Attendance 80%</li> <li>• Internal Assessment 75%</li> </ul>
	Submit certificate of all mandatory workshops to DME
	Log book duly signed by supervisor, DME and QEC department.
	One disease statistical analysis should be submitted to Research Unit

  
**Director DME**  
 Rawalpindi Medical University  
 Rawalpindi

  
**Vice Chancellor**  
 Rawalpindi Medical University  
 Rawalpindi

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