



Institute of Radiology and Diagnostic Imaging

DUHS, Ojha Campus

1. SIX MONTHS CERTIFICATE COURSE IN ULTRASONOLOGY

INTRODUCTION:

Ultrasound is an evolving technology with wide spectrum application throughout medical and surgical practice. We at Dow Rad, Dow Diagnostic Complex, Dow University of Health Sciences believe that medical practitioners apart from Radiologist should develop skills in the performance of ultrasound.

ASSESSMENT:

- Monthly evaluation of each trainee by written exam and clinical assessment.
- Final assessment at the end of six months training.

TRAINING FEES:

- CERTIFICATE COURSE FEE PAK RS: 80,000/- including Enrollment and examination fee.
- RFID CARD FEE PAK RS:1,000/- will be charge

MODULES:

- BASIC ULTRASOUND PHYSICS
- OBSTETRICAL AND GYNAECOLOGICAL ULTRASOUND
- ABDOMINAL ULTRASOUND

2. THREE MONTHS CERTIFICATE COURSE IN VASCULAR/ DOPPLER ULTRASOUND

INTRODUCTION:

Ultrasound is an evolving technology with wide spectrum application throughout medical and surgical practice. We at Dow Rad, Dow Diagnostic Complex, Dow University of Health Sciences believe that sinologist should develop skills to perform Doppler Ultrasound. The program encourages candidates to develop their practice by reviewing and evaluating both existing and emerging knowledge.

PROGRAM LENGTH:

: Three Months (12 Weeks)

SELECTION CRITERIA:

Applicants will be assessed against the following Selection Criteria:

- Candidates have to pass the mandatory entrance MCQ test.
- Research experience
- Psychosocial medical experience
- Teaching and leadership experience
- Referee reports

AWARDS:

3 months Certificate in Doppler Ultrasound.

TIMING OF TRAINING:

Monday till Friday: 9 AM till 3 PM

METHODOLOGY:

Lectures, power point presentations and case study discussions, skills training and demonstration and audio/visual aid

EVALUATION:

Students will receive a certificate for this course. Methods of evaluation, although determined by the individual lecturer/instructor, should include some combination of the following:

1. Comprehensive Review of Doppler Ultrasonography -----	40%
2. Clinical Practicum -----	60%

- Monthly evaluation of each trainee by written exam and clinical assessment.
- Final assessment at the end of three months training.

VENUE: Dow-Rad, Dow Diagnostic Complex, Ojha Campus, DUHS

FEE: PAK RS: 150,000/- including Enrollment and examination fee.
RFID CARD FEE PAK RS: 1,000/- will be charge

CURRICULUM:

1. INTRODUCTION TO GENERAL ULTRASOUND PHYSICS.
2. DOPPLER PHYSICS
3. VASCULAR/DOPPLER ULTRASOUND

3. THREE MONTHS CERTIFICATE COURSE IN SMALL PARTS ULTRASOUND

INTRODUCTION:

Ultrasound is an evolving technology with wide spectrum application throughout medical and surgical practice. We at Dow Rad, Dow Diagnostic Complex, Dow University of Health Sciences believe that sinologist should develop skills to perform Small part Ultrasound. The program encourages candidates to develop their practice by reviewing and evaluating both existing and emerging knowledge.

PROGRAM LENGTH:

: Three Months (12 Weeks)

SELECTION CRITERIA:

Applicants will be assessed against the following Selection Criteria:

- Candidates have to pass the mandatory entrance MCQ test.
- Research experience
- Psychosocial medical experience
- Teaching and leadership experience
- Referee reports

AWARDS:

03 months Certificate in Small Part Ultrasound.

TIMING OF TRAINING:

Monday till Friday: 9 AM till 3 PM

METHODOLOGY:

Lectures, power point presentations and case study discussions, skills training and demonstration and audio/visual aid

EVALUATION:

Students will receive a certificate for this course. Methods of evaluation, although determined by the individual lecturer/instructor, should include some combination of the following:

3. Comprehensive Review of Small Part Ultrasonography -----	40%
4. Clinical Practicum -----	60%

- Monthly evaluation of each trainee by written exam and clinical assessment.
- Final assessment at the end of three months training.

VENUE: Dow-Rad, Dow Diagnostic Complex, Ojha Campus, DUHS

FEE: PAK RS: 150,000/- including Enrollment and examination fee
▪ RFID CARD FEE PAK RS:1,000/- will be charge

CURRICULUM:

1. INTRODUCTION TO GENERAL ULTRASOUND PHYSICS.
2. SMALL PART SONOGRAPHY

4. SIX MONTHS CERTIFIED COURSE IN NON-VASCULAR INTERVENTIONAL RADIOLOGY

(For those who seek their future in Interventional Radiology)

LOCATION / DEPARTMENT : Ultrasound and VIR unit of Dow-Rad.

DURATION : 6 Months

FEE: PAK RS: 200,000/- including Enrollment and examination fee
▪ RFID CARD FEE PAK RS:1,000/- will be charge

OBJECTIVES : After completion of training period, the candidate will be able:

- a) To develop an analytical approach for non-vascular interventional procedures.
- b) To perform all types of ultrasound guided Biopsies and FNAC including superficial, deep lesions and co-axial techniques.
- c) To perform all CT guided interventions.
- d) To perform drainage procedures and catheter insertions.
- e) To perform percutaneous diagnostic and therapeutic procedure.
- f) To perform essential hepatobiliary procedures.