



LOG BOOK

FOR

FUNDAMENTALS

IN ABDOMINO PELVIC ULTRASONOGRAPHY

Level One 6 Months Course For M.B.B.S. Doctors

(Competency Based Evaluation)

As per the notification of the MINISTRY OF HEALTH AND FAMILY WELFARE (Department Of Health And Family Welfare) New Delhi Dated The 9th Of January, 2014 VIDE Preconception And Pre-Natal Diagnostic Techniques (Prohibition Of Sex Selection) (Six Months Training) Rules, 2014.

DEPARTMENT OF RADIODIAGNOSIS

GOVERNMENT MEDICAL COLLEGE AND HOSPITAL,
NAGPUR .440003

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FUNDAMENTALS IN ABDOMINO PELVIC

ULTRASONOGRAPHY

Level One 6 Months Course For MBBS Doctors

(Competency Based Evaluation)

NAME OF THE STUDENT: _____

NAME OF THE HEAD OF THE DEPARTMENT _____

DEPARTMENT OF RADIO DIAGNOSIS
GOVERNMENT MEDICAL COLLEGE AND HOSPITAL, NAGPUR. 440003

CERTIFICATE

This is to certify that Dr.

Has been enrolled for the competency based evaluation as prescribed in schedule II of the said rules for the "FUNDAMENTALS IN ABDOMINO PELVIC ULTRASONOGRAPHY Level One 6 Months Course For M.B.B.S. Doctors."

All the entries in the Logbook have been checked and authenticated.

Signature

Months Course For M.B.B.S. Doctors."

Head of Department

Date:

GENERAL INFORMATION

NAME :

DATE OF BIRTH:

ADDRESS (Permanent):

ADDRESS (Temporary):

ADDRESS of the clinic :

Tel.no :

E-mail ID :

Registered for : FUNDAMENTALS IN ABDOMINO PELVIC ULTRASONOGRAPHY Level One 6
Months Course for M.B.B.S Doctors

MMC Registration number :

Qualification Details

Qualifications	College & University	Year of passing	Attempts	Distinction & Prizes

Student's Signature :

The Logbook

The Logbook records the training activity, tutorials and self-directed learning undertaken and competencies achieved.

This logbook is intended to record experience of ultrasound imaging in clinics where clients are referred for ultrasound imaging as part of the management of their abdomino-pelvic and gynecological conditions (early pregnancy clinics, Pre-abortion assessment clinics, etc) either in hospital or community setting.

It also:

- (a) Provides a summary of the syllabus in the form of a list of necessary competencies
- (b) Records the outcomes of the learning objectives agreed between you and your Trainers.
- (c) Provides a record of your achievements as you attain competence in the required areas.
- (d) Records the certified assessment of your competence when applying for the Certificate.
- (e) Provide a permanent record of interesting cases to act as a reference for future practice.

Out of the 100 marks for practical examination 20 marks have been allotted for the log book, 50 marks for demonstrations and 30 marks for viva.

OBJECTIVE STRUCTURED ASSESSMENT OF TECHNICAL SKILLS (OSATS)

Practical Number 1 (Basic Skills)

Describe in short how you will set up the machine for pelvic USG.

How will you decide whether to do a Trans abdominal USG or Trans vaginal USG

Stick images from your ultrasound machine showing normal ovaries, uterus, measurement of endometrial thickness on Trans abdominal and Trans vaginal USG

Practical 2 (Ultrasound in Early Pregnancy)

Write in short how you will

1. Confirm viability of gestational sac
2. Date pregnancy
3. Diagnose corpus luteum cyst
4. Diagnose multiple pregnancy
5. Identify retroplacental haematoma
6. Diagnose anembryonic pregnancy
7. Diagnose missed miscarriage and retained products of conception
8. Counsel a patient for failed pregnancy
9. Diagnose ectopic pregnancy

Stick representative images for at least 5 of these cases.

Practical Number 3 (Ultrasound in evaluation of Menorrhagia, intermenstrual bleeding and post menopausal bleeding)

Describe how you will

1. Diagnose a fibroid and its various types
2. Diagnose adenomyosis
3. Measure endometrial thickness
4. Identify atrophic endometrium, Identify hyperplastic endometrium and Identify endometrial polyps
5. Identify functional ovarian tumours.

Stick representative images for at least 5 of these cases.

Practical Number 4 (Reproductive system Evaluation)

Write down in a few lines how you will diagnose

1. cyclical changes in endometrium
2. Cyclical changes in ovary
3. Polycystic ovary
4. Location of Intra-uterine Device
5. Normal placement of Implanon and locate non-palpable Implanon

Stick representative images for at least 5 of these cases.

Practical Number 5 (Upper Abdominal Ultrasound)

Describe how you will prepare a patient and perform an ultrasound scan for upper abdominal Ultrasound. And describe the normal Sonographic Anatomy of Liver and Gall Bladder

Write how you will diagnose

1. Diffuse liver disease
2. Fatty Liver and its Grades.
3. Acute hepatitis, cirrhosis and portal hypertension
4. Focal Mass lesions - Cystic Lesions or Solid Lesions

Write how you will evaluate the spleen and look for splenic lesions like Splenomegaly or Focal splenic mass.

Describe how you will evaluate Gall Bladder for Cholelithiasis, Acute Cholecystitis and the pitfalls in the diagnosis of calculi

Write how you will evaluate the Pancreas, Acute Pancreatitis, Pseudocysts or Chronic Pancreatitis and Pancreatic Neoplasms (solid and cystic looking)

Stick representative images for at least 5 of these cases

Practical Number 6 (Ultrasound of the Urinary System)

Describe how you will perform ultrasound of the kidneys, ureter and Urinary Bladder in cases of Calculi, renal infections renal cysts and solid tumors.

Describe how you will measure the size of the prostate and measure the residual urine and other lesions of the urinary bladder and the prostate.

Stick representative images for at least 5 of these cases

This log book must be submitted in the form of a file or a spiral binding.