



## **Course-B**

### **Ultrasound Training Program**

**Starting from 23<sup>rd</sup> July 2018**

#### **General Topics:**

1. Physics of Ultrasound
2. Principles of machine , Safety and Practical aspects
3. Role of Ultrasound for Infertility Investigation : - tubes and pelvis, Ovaries, Uterus

#### **Obstetrics & Reproductive Medicine Topics:**

1. Earliest diagnosis of Yolk Sac, gestational Sac, Foetal Pole and Cardiac activity in IVF/IUI pregnancy : Research
2. Prediction of obstetric complication depending on CRL / Yolk Sac / Placental Vascularity / Spiral Artery vascularity : Research
3. First trimester imaging and genetic screening : Teaching
4. Ultrasound diagnosis of early pregnancy complication : Teaching

#### **Reproductive Medicine Gynaecology & ART Topics:**

1. Endometrial Assessment for Receptivity : Teaching + Research
2. Follicular Tracking - IUI/IVF (all stimulation) : Teaching + Research
3. Color Doppler imaging – : Teaching + Research
  - a. Follicular assessment

*b. Endometrial receptivity (adnexa, zone, uterine artery, subendometrial blood flow)*

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| 4. Ultrasonographic evaluation of ovarian reserve  | : Teaching + Research |
| 5. Ultrasonography in prediction and management of OHSS  | : Teaching + Research |
| 6. Embryo Transfer under ultrasound guidance   | : Teaching + Research |
| 7. Ultrasound in Ovum pickup   | : Teaching + Research |
| 8. Endometriosis/Chocolate cyst / Adenomyosis  | : Teaching            |
| 9. Role of ultrasound in evaluation of intra-cavitary lesions (Endometrial Polyp, Synechiaie, hyperplasia) | : Teaching            |
| 10. Ultrasound in diagnosis and treatment PCOS   | : Teaching            |
| 11. Ultrasound evaluation of congenital Malformation   | : Teaching            |
| 12. Fibroid and Ultrasound   | : Teaching            |
| 13. Ovarian cyst   | : Teaching            |
| 14. Interventional sonography (hydrosalpinx, ovarian cyst, UAE, Foetal procedure)                          | : Teaching            |

**Course fees: Rs 30,000/-**

**Course Duration:**

First week

- Lecture and observation  
Timing – 10 AM to 4 PM

Second Week

- Lecture, Hand-on and Observation  
Timing – 10 AM to 4 PM

## **Eligibility**

Minimum qualification P.G. (Obs & Gyn)

## **Faculty Members**

1. Dr B N Chakravarty
2. Dr Gita Ganguly Mukherjee
3. Dr S.K Goswami
4. Dr Sanghamitra Ghosh
5. Dr Sunita Sharma
6. Dr Indranil Saha

## **Visiting Guest Faculty**

1. Dr Kusagradhi Ghosh
2. Dr Kamal Oswal
3. Dr Sudip Basu
4. Dr Sunil Bansal

**Please send your application along with CV mentioning the name of course name (Ultrasound Training program or course-B) to the following email id:**

**[irmtrainingcourse@gmail.com](mailto:irmtrainingcourse@gmail.com)**