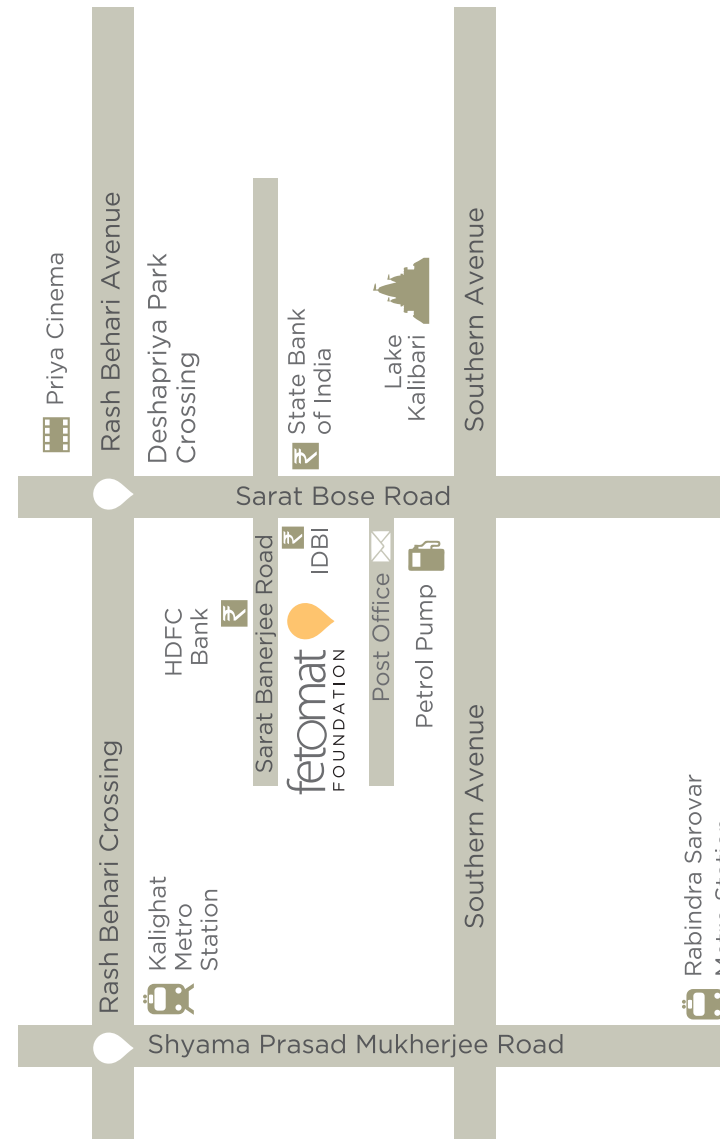
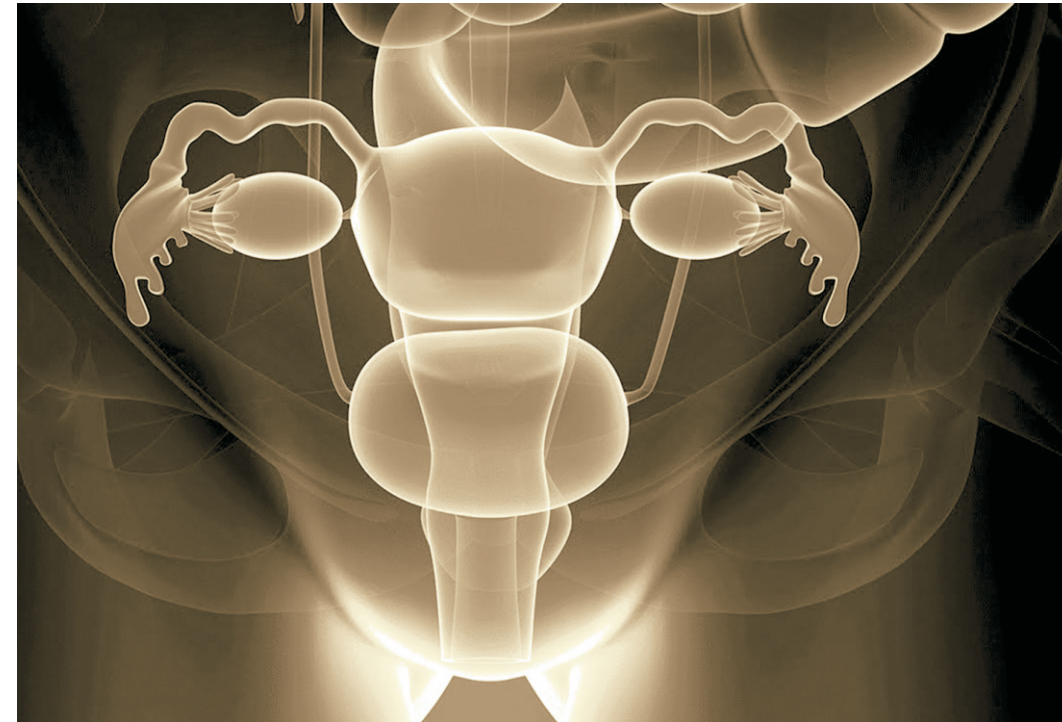




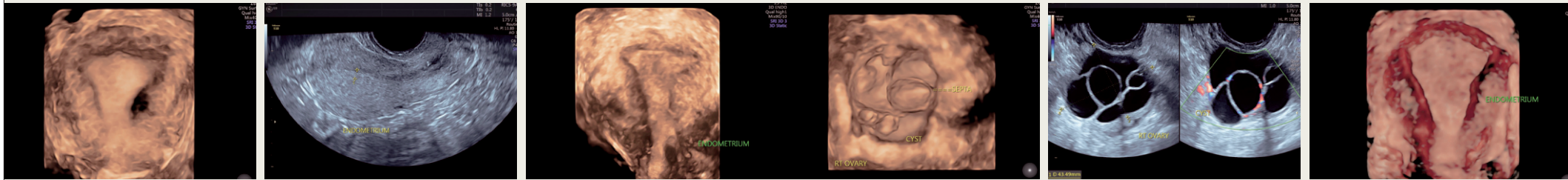
TRANSVAGINAL GYNAECOLOGY ULTRASOUND (TVS)



CD 02 & 03, Ground Floor, Sector 1, Saltlake(Near City Center 1),
Kolkata - 700 064
100 Manohar Pukur Road, (Near Deshapriya Park)
Kolkata - 700 029
28A, Dr. Sarat Banerjee Road, Ground Floor
Kolkata - 700 029
Centralized calling No. : 93304 86784 / 90512 84500
E : call@fetomat.com / W : www.fetomat.com

Appointment helpline:

93304 86784 | 90512 84500



You may be familiar with the abdominal ultrasound scan, where the sonography is done over your abdomen.

In transvaginal (internal) ultrasound scan, the scan probe is placed inside the vagina and is closer to the organs being examined.

This type of scan helps provide clearer pictures of the uterus, ovaries and surrounding structures in lower abdomen, better than abdominal USG.

Why and When

Please note that an internal scan can be performed at any time during a woman's life – in pregnancy, during your period or after the menopause.

You will not be asked to have a vaginal ultrasound scan if you are unable to tolerate vaginal (internal) examinations or if you are not sexually active and are a virgin.

We use this method of scanning to help assess the cause of problems such as infertility or abnormal vaginal bleeding, when we need to make a better assessment and more accurate measurement of the lining of the womb (endometrium).

We also perform this type of scan if you have been experiencing a problem like pelvic pain and we need to make a better assessment of the ovaries and tubes to look for cysts or any other conditions that may be affecting these organs.

It is routinely suggested as the method of assessment of early pregnancy below 10 weeks gestation in a much better and clear way, particularly for assessing pregnancy complications like miscarriage or ectopic pregnancy.

How is the scan performed

You do not need a full bladder for this scan so you will need to empty your bladder completely prior to the scan.

Once you have emptied your bladder, we will ask you to undress completely from the waist down and put on a cover over your waist with a sheet which we will give you. If you are wearing a skirt or sari , you may prefer to just remove your underwear. If you are using a tampon or a vulval pad , this will need to be removed before the scan.

You will be asked to lie on your back on the ultrasound couch and position yourself in a way that allows the scan to be performed easily. This will involve raising your knees and keeping the soles of your feet flat on the ultrasound couch. A specially designed ultrasound probe is used for this procedure. It will be covered with a protective sheath and lubricating gel, then gently inserted into your vagina. The ultrasound probe will need to be moved in different positions in order to visualize the uterus and ovaries clearly.

Your scan appointment is usually booked for 15 minutes but this may vary depending on how clear the pictures are or if we need to do other investigations.

In most cases , report will be given within 15 minutes after the procedure.

Why 3D Ultrasound

Three-dimensional ultrasound (3D USG) is a fast-evolving imaging technique that holds a great potential for use in gynaecology. Patients can benefit in adding 3D USG to their routine gynaecological workup as it provides fast and accurate results in a relative cost effective way , compared to CT Scan or MRI.

As in two-dimensional ultrasound (2D USG), transvaginal approach is preferred in gynaecologic examination with 3D USG.

We use 3D technology regularly when appropriate in our transvaginal USG examination at no additional cost.

Here are some of the reasons for specially using the 3D USG by TVS

- Detection of congenital uterine anomalies
- Defining and mapping uterine lesions such as fibroids, very valuable when making clinical decisions and surgical planning
- Assessing the ovaries by Sonography-based Automated Volume Calculation (Sono AVC) is one for counting antral follicles and monitoring follicular growth

If you have any concerns about this procedure, please discuss this with the Doctor who will be performing the examination, prior to the procedure.

COURSE CONTENT

It will be a four day part time course of about 6-8 hours each day – combining theory and practice of fetal medicine, including

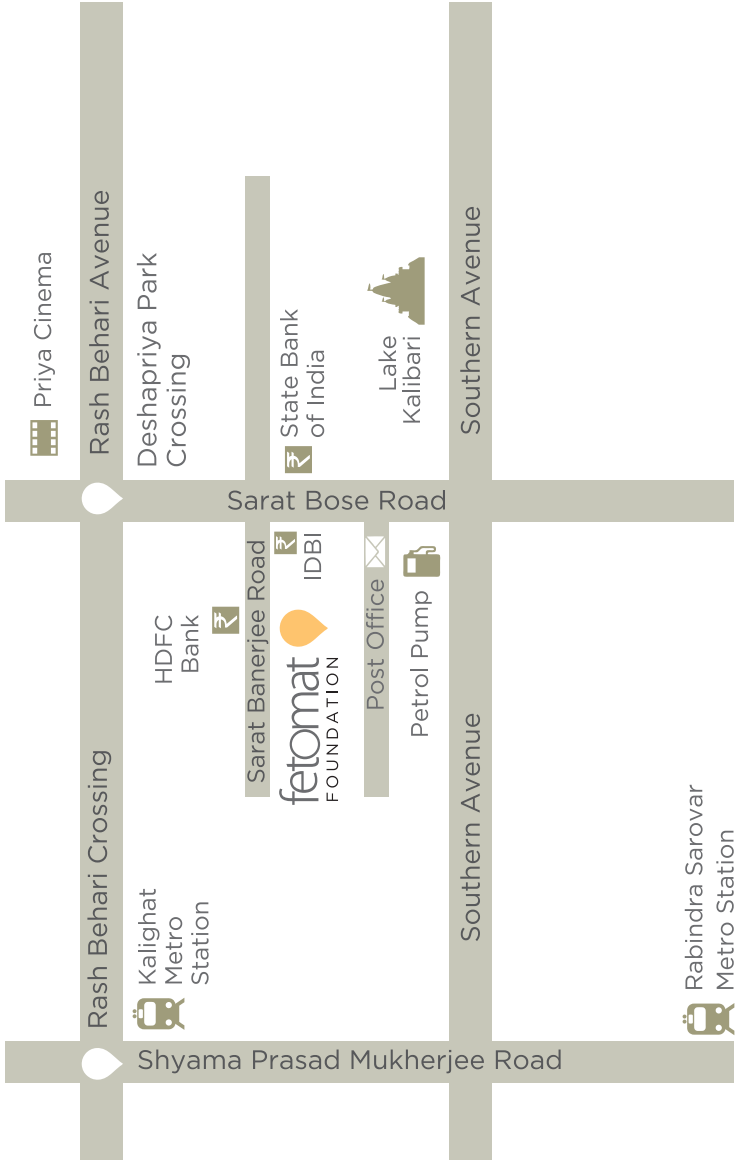
Trans-vaginal scanning in early pregnancy	Fetal Aneuploidy Screening
Fetal anatomy scan and Echocardiography	Fetal well being assessment and Fetal Doppler study
Pre-eclampsia and adverse obstetric outcome prediction screening	Measuring and interpretation of cervical length measurement
Management of IUGR and recurrent pregnancy loss	Participation certificate will be given to each candidate

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APPLICATION OF
FETAL MEDICINE IN
OBSTETRIC PRACTICE

Dear Doctor

Greetings from Fetomat, Kolkata.

I understand you are willing to participate in our Fetal Medicine Orientation Programme for Obstetricians, 'Application of Fetal Medicine to improve Obstetric Outcome'.

It is an introductory four day part time course developed in a flexible way to comply with a busy gynaecologist's practice schedule.

Venue is at : Fetomat Foundation Clinic, **28 A Dr Sarat Banerjee Road, Kolkata 700 029.**

Daily schedule will involve 6-8 hours of training per day, four days a week between Monday to Saturday.

Apart from Obstetric and Gynaecological Ultrasounds, you are expected to attend 2 pre-natal diagnostic invasive procedure sessions, 1 fetal echocardiography session and 1 genetic counselling session (depending on booking of cases).

I would like to highlight that it is not a hands on course as such at this moment and thus, no previous USG experience is mandatory. We aim to develop short to medium term hands on course in future and those who will be attending this introductory course will get a preference.

We have designed the course in a way which will help the participating gynaecologists to understand the practicalities of recent practice in fetal medicine for

This initiative is sponsored by Alembic Pharma with a registration on invitation basis.

Screening for Aneuploidies - Combined FTS (NT with Double Marker) & Quadruple Screening

Fetal Anatomy / Anomaly Scan

Fetal Wellbeing Assessment in 3rd trimester both in Low Risk and High Risk scenario

Management of Twin Pregnancies

Management of Pre-term Labour

Management of Recurrent Pregnancy loss

Approach of Pre-natal Diagnosis of Thalassemia and other Mendelian Inherited disorders

Experience of Pre-natal Diagnostic Invasive Procedures (Amniocentesis and CVS)

Application of Newer Tests-NIPT, Karyolite BoBs, Pre-natal BoBs, Gene sequencing etc.

Obviously it is expected that all these issues may not be covered in one given week, because availability of cases may vary. However, a sincere effort will be made on our part to make your sessions with us enjoyable and productive. I will request you to visit our website www.fetomat.com for further information of our work.

Please find attached leaflets for a background study.

You will be given USB key of a power point presentation of '**Application of Fetal Medicine to improve Obstetric Outcome**', along with suggested reading materials and e-resources for baseline study and future reference. We will also provide you with a copy of a medium level Obstetric Ultrasound book which may help you with more interest to develop hands on ultrasound skill in your practice.

Hope to meet you in Fetomat soon.

Regards

Dr PRADIP Goswami FRCOG
Founder Director and Designated Partner,
Fetomat Foundation Care Services
Contact: 94330 61019 | Email: fetomat@hotmail.com

PROFILE



Dr Pradip Goswami graduated from NRS Medical College, Calcutta in the year 1991. After finishing his Diploma in Obstetrics and Gynaecology from R G KAR Medical College, he relocated to United Kingdom in 1997. Having achieved MRCOG in 2001 and completing his training in General Obstetrics & Gynaecology, he had undergone Structured Special Skills Training in Maternal and Fetal Medicine for management of complicated pregnancies under Royal College of Obstetricians and Gynaecologists of London. He was put on the Specialist Registrar of GMC-UK (A requirement to practice as a consultant in UK), after being awarded with Completion Certificate of Specialist Training (CCT) by Postgraduate Medical Education & Training Board of UK in November 2006. Thereafter, he came back to Kolkata.

In the year 2013, Dr. Goswami achieved Fellowship of the Royal College of Obstetricians & Gynaecologists of UK - FRCOG. Working over past several years in Kolkata, he has established himself as a leading gynaecologist, particularly in the Management of Complicated Pregnancies, Managing Recurrent Pregnancy Loss and in Pre-natal Diagnosis – through his compassionate patient centric approach, world standard evidence based care, along with his clinical and counselling skills.

As a Key Fetal and Maternal Medicine Specialist in Eastern India, he has established 'Fetomat' in 2013. It has now developed into a Tertiary Referral Centre cum Training Institute of Fetal Medicine and moved into a bigger site 'Fetomat Foundation' in 2017.