




Fetal Therapeutic Intervention Scopes and Options



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Fetal Therapeutic Intervention – Scopes and Options

Fetal Therapy is an intervention for the purpose of correcting or treating an anomaly or a condition in fetus. It can be USG guided or an Endoscopic (Fetoscopic) Intervention. May also be an open surgery or an EXIT procedure before birth of a child.

There are several conditions amenable now to fetal therapy. These commonly include,

USG Guided procedures like

- ❑ Intra-uterine Fetal Blood Transfusion for fetal anemia from various causes or Transfusion of platelet for Neonatal alloimmune thrombocytopenia.
- ❑ Intra-fetal Laser as treatment of choice for severe TTTS and Treatment option to treat Amniotic bands, Chorioangioma of placenta, Sacrococcygeal teratoma. Lower Urinary Tract Obstruction (LUTO) and Embryonic reduction in DC Triplet to DC twin.
- ❑ Bipolar Cord Coagulation or Radio Frequency Ablation (Alternating current in radiofrequency range is transmitted via shielded needle electrode) for selective feticide in Complicated Monochorionic Twins.

Fetoscopic Procedures like

- ❑ Fetoscopic Laser Occlusion of chorangiopagous placental vessel in TTTS (FLOC)
- ❑ Fetoscopic tracheal Occlusion (FETO) to treat severe congenital diaphragmatic hernia in a minimally invasive way
- ❑ Cystoscopic Ablation to treat posterior urethral valves to treat Incomplete or intermittent obstruction of urethra

Fetomat Foundation has already established itself as Topmost Center of

Through its vision, commitment, service and very experienced team of doctors with multidisciplinary care in a compassionate way.

We, at present are already doing fetal procedures like amniocentesis, CVS, Cordocentesis, Amnioreduction and Fetal Reductions.

Now, Fetomat Foundation is proud to announce its launch its new arm of “ Fetal Therapy”. While many diseases can now be accurately diagnosed before birth by genetic and imaging techniques, a few may require intervention before birth to survive. Understanding the current advances in technology and selectively treatable conditions, yet lethal in utero without treatment is important.

We, in collaboration with “Amrita Institute of Medical Science, Kochi “ will be starting our new venture of fetal therapy and care by 1st quarter on this year.

We have state of art OT set up in our partner facility “Motherhood / Nova IVF hospital”. where the procedures will be conducted and post procedural care will be taken of.

This will be the first initiative in East India in the ever challenging field of fetal therapy..

