

3rd International Meeting on **NURSING RESEARCH AND EVIDENCE BASED PRACTICE**

&

International Conference On **DIGESTIVE DISEASE**

November 28-29, 2018 | Madrid, Spain

Anomaly scan: Paradigm shift from the second to the first trimester

Kuldeep Singh
Ian Donald School, India

Ultrasound is an essential tool for any obstetric practise. When it started five decades ago little did we realise that this invention is a technological marvel. One could look into the presentation and the viability of the fetus. Acrania could be excluded in the third trimester and with ultrasound machines and probes getting better we could exclude that in the second trimester so called Level II scan. With high resolution probes and high frequency transvaginal probes one can now diagnose fetal abnormalities in the late first trimester. This avoids the mental trauma the mother and the family have to go through and lethal abnormalities can be terminated much earlier.

Acrania, anencephaly, gross dysraphic disorganisation of the fetal spine, anterior thoracic and abdominal wall defects and gross limb abnormalities are few structural malformations that can be detected with ease as early as 11-12 weeks. Apart from structural abnormalities the index of suspicion for chromosomal abnormalities also is there with looking at the nuchal translucency, nasal bone and flow through the tricuspid valve and in the ductus venosus. Combined testing with a dual test increases the sensitivity manifold. What is most important is the knowhow of what to look and how to look in your 11-14 weeks scan.

Biography

Kuldeep Singh is practicing in South Delhi and is known for his skills in Ultrasound in Ob, Gyn and Infertility. He has authored 16 books on Ultrasound in Obs, Gyn and Infertility. His books have been translated into Spanish, Chinese and Portuguese. He was awarded the IMAGING SCIENCE AWARD in the AICOG in Delhi. He is presently the President of the Delhi Chapter of IFUMB. With teaching as his passion he is presently running Ultrasound Teaching Modules in Basic and Advanced Ultrasound in Obstetrics, Gynaecology and Infertility

singhdrkuldeep@rediffmail.com

Notes: