

0676.Hanwellage, K.D

Fetal acoustic stimulation test (FAST) for early intrapartum fetal monitoring.
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Non stress test (NST) followed by a FAST using Coro metric model 146 \was carried out in 486 subjects with uncomplicated singleton pregnancies and periods of gestation 32 weeks in early labour. The response to FAST was assessed and compared with the NST. A repeat NST was recorded in the subjects who had an initial non reactive NST. The results of the NST and FAST were compared with fetal outcome. Maternal perception of fetal movements after FAST, results of NST before and after FAST. presence or the absence of me conium at delivery and the baby's 5 minutes APGAR score. Out of 486 mothers 413 (85.) noticed fetal movements after FAST. Initial NST was non reactive in 203 (42 percent) of which 149 (73 percent) became reactive after FAST. Compared to the NST, FAST had a better Sensitivity (97. 62 percent , P =0.00 I), Specificity(I 00 percent vs 87 percent.