

Does ST analysis have a place in electronic fetal monitoring?

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Abstract

Intrapartum cardiotocography (CTG) has a high false positive rate. This has contributed to the rapid increase in obstetric interventions without a strong improvement in perinatal outcomes. We explore the role of ST analysis (STAN®) as an adjunct to CTG in identifying fetal asphyxia during labour. We conclude that STAN® reduces the rate of fetal blood sampling and instrumental vaginal deliveries, and has potential to reduce the number of Australian operative interventions without compromising neonatal outcome.