

Echogenic bowel: a retrospective evaluation of associated findings

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Objective

Fetuses with echogenic bowel (EB) are at increased risk of adverse perinatal outcomes, highlighting the need for a thorough antenatal management and postnatal follow-up. The objective of our study was to retrospectively evaluate associated findings in cases of echogenic bowel.

Methods

A retrospective assessment of 300 cases of fetal echogenic bowel from 2010 to 2023 was done. All associated ultrasound findings such as markers for aneuploidy, infection, fetal growth restriction were noted. Genetic and TORCH results were studied in the cases which underwent testing.

Results

Analysis of data and images from 300 cases of fetal echogenic bowel revealed isolated finding in majority of cases. Associated growth restriction and markers of aneuploidy, infection were noted and invasive testing was offered in these cases. Relevant invasive testing reports were noted in cases where the procedure was done.

Conclusion

Detailed ultrasound assessment should be performed in cases of echogenic bowel to look for additional markers of aneuploidies and congenital infections and invasive procedures offered in case of associated markers or abnormal screening test.