

As of September 2025

BabyChecker Publications

[BabyChecker research overview by Diagnostic Image Analysis Group](#)

[Evaluating the Usability and Practicality of AI-Enabled Smartphone-based Obstetric Ultrasound in Sierra Leone: A Mixed-Methods Study](#)

[ACOUSLIC-AI challenge report: Fetal abdominal circumference measurement on blind-sweep ultrasound data from low-income countries](#)

[Deep learning-based interpretation of obstetric ultrasound scans in LMICs](#)

[Automated interpretation of prenatal ultrasound using a predefined acquisition protocol](#)

[Automated fetal head detection and circumference estimation from free-hand ultrasound sweeps using deep learning](#)

[Automatic placenta localization from ultrasound imaging in a resource-limited setting using a predefined ultrasound acquisition protocol and deep learning](#)

[Automated low-cost ultrasound: improving antenatal care in resource-limited settings](#)

[Comparison study of low-cost ultrasound devices for estimation of gestational age in resource-limited countries](#)

[Combining automated image analysis with obstetric sweeps for prenatal ultrasound imaging in developing countries](#)