**Appendix 4: General characteristics**

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| **Name** | **Journal/Source** | **Country of Study** | **Type of Study** | **Year of Publication** |
| FPUS23: An Ultrasound Fetus Phantom Dataset with Deep Neural Network Evaluations for Fetus Orientations, Fetal Planes, and Anatomical Features | IEEE Access | Austria, Netherlands, UAE | Observational Study | 2023 |
| Large-scale annotation dataset for fetal head biometry in ultrasound images | Data in Brief | Qatar | Descriptive Study | 2023 |
| The JNU-IFM dataset for segmenting pubic symphysis-fetal head | Data in Brief | China | Descriptive Study | 2022 |
| The construction and application of an ultrasound and anatomical cross-sectional database of structural malformations of the fetal heart | Prenatal Diagnosis | China, USA | Descriptive Study | 2020 |
| PSFHS: Intrapartum ultrasound image dataset for AI-based segmentation of pubic symphysis and fetal head | Scientific Data | China | Descriptive Study | 2024 |
| How much can AI see in early pregnancy: A multi-center study of fetus head characterization in week 10–14 in ultrasound using deep learning | Computer Methods and Programs in Biomedicine | China | Observational Study | 2022 |
| Generalisability of fetal ultrasound deep learning models to low-resource imaging settings in five African countries | Scientific Reports | Spain, Denmark, Egypt, Algeria, Uganda, Ghana, Malawi | Observational Study | 2023 |
| Automated measurement of fetal head circumference using 2D ultrasound images | PLOS ONE | Netherlands | Observational Study | 2018 |
| Fetal Abdominal Structures Segmentation Dataset Using Ultrasonic Images | Mendeley Data | Brazil | Observational Study | 2023 |
| Automated annotation and quantitative description of ultrasound videos of the fetal heart | Medical Image Analysis Journal | United Kingdom | Descriptive Study | 2017 |
| Real-time diameter of the fetal aorta from ultrasound | Neural Computing and Applications | United Kingdom, Italy | Descriptive Study | 2020 |
| Values and validity of fetal parameters by ultrasound and Doppler as markers of fetal lung maturity | Egyptian Journal of Radiology and Nuclear Medicine | Egypt | Observational Study | 2021 |
| Generative Diffusion Model Bootstraps Zero-shot Classification of Fetal Ultrasound Images In Underrepresented African Populations | arXiv preprint | Ireland | Descriptive Study | 2024 |
| Automatic detection of complete and measurable cardiac cycles in antenatal pulsed-wave Doppler signals | Computer Methods and Programs in Biomedicine | Italy | Observational Study | 2020 |