**Appendix 5: Summary of Fetal Ultrasound Datasets**

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| Dataset Name | Description | Year of Publication | Number of Images/Samples |
| FPUS23: An Ultrasound Fetus Phantom Dataset with Deep Neural Network Evaluations for Fetus Orientations, Fetal Planes, and Anatomical Features | Dataset with deep neural network evaluations for fetus orientations, fetal planes, and anatomical features. | 2023 | 15,728 images |
| Large-scale annotation dataset for fetal head biometry in ultrasound images | Dataset for fetal head biometry with detailed annotations. | 2023 | 3,832 high-resolution ultrasound images |
| The JNU-IFM dataset for segmenting pubic symphysis-fetal head | Dataset for segmenting pubic symphysis and fetal head. | 2022 | 78 videos from 51 patients |
| The construction and application of an ultrasound and anatomical cross-sectional database of structural malformations of the fetal heart | Database correlating ultrasound images with anatomical images to detect congenital heart defects. | 2020 | 160 fetuses with suspected congenital heart defects |
| PSFHS: Intrapartum ultrasound image dataset for AI-based segmentation of pubic symphysis and fetal head | Dataset for AI-based segmentation of pubic symphysis and fetal head. | 2024 | 1,358 images from 1,124 patients |
| 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 | Study on fetus head characterization using deep learning. | 2022 | 1,528 2D sagittal-view ultrasound images from 1,519 females |
| Generalizability of fetal ultrasound deep learning models to low-resource imaging settings in five African countries | Study on the generalizability of fetal ultrasound deep learning models in low-resource settings. | 2023 | 1,792 patients from Spain, 1,008 patients from Denmark, 25 patients each from Egypt, Algeria, Uganda, Ghana, and Malawi |
| Automated measurement of fetal head circumference using 2D ultrasound images | Automated measurement of fetal head circumference. | 2018 | 1,334 2D ultrasound images from 551 pregnant women for training and testing; 335 images for independent testing |
| Fetal Abdominal Structures Segmentation Dataset Using Ultrasonic Images | Dataset for segmentation of fetal abdominal structures. | 2023 | 169 subjects |
| Automated annotation and quantitative description of ultrasound videos of the fetal heart | Automated annotation and quantitative description of ultrasound videos of the fetal heart. | 2017 | 91 short ultrasound videos |
| Real-time diameter of the fetal aorta from ultrasound | Real-time measurement of the fetal aorta diameter. | 2020 | 25 ultrasound video sequences |
| Values and validity of fetal parameters by ultrasound and Doppler as markers of fetal lung maturity | Study on fetal parameters by ultrasound and Doppler as markers of fetal lung maturity. | 2021 | 120 pregnant women |
| Generative Diffusion Model Bootstraps Zero-shot Classification of Fetal Ultrasound Images In Underrepresented African Populations | Study on zero-shot classification of fetal ultrasound images using generative diffusion models. | 2024 | Spanish dataset: 1,792 patient records; African dataset: 450 images from 125 patients; Synthetic dataset: 5,000 images |
| Automatic detection of complete and measurable cardiac cycles in antenatal pulsed-wave Doppler signals | Automatic detection of cardiac cycles in antenatal pulsed-wave Doppler signals. | 2020 | 43 fetal cardiac PWD traces |