FUGC2025 Data Usage Agreement

The FUGC2025 dataset is now available for the academic purpose only on a case-by-case basis. Any researcher who requests the dataset must sign this agreement and thereby agrees to obey the restrictions listed in this document.

The researcher(s) agrees to the following restrictions on the dataset:

1. Following **CC BY-NC-ND (Attribution-NonCommercial-NoDerivs).**
2. All technical papers, documents and reports which use the dataset must acknowledge the use of the dataset and **citate the following papers:**

* Bai J, Zhou Z, Ou Z, et al. PSFHS challenge report: Pubic symphysis and fetal head segmentation from intrapartum ultrasound images[J]. Medical Image Analysis, 2025, 99: 103353.
* Chen Z, Ou Z, Lu Y, et al. Direction-guided and multi-scale feature screening for fetal head–pubic symphysis segmentation and angle of progression calculation[J]. Expert Systems with Applications, 2024, 245: 123096.
* Lu Y, Zhi D, Zhou M, et al. Multitask deep neural network for the fully automatic measurement of the angle of progression[J]. Computational and Mathematical Methods in Medicine, 2022, 2022.
* Lu Y, Zhou M, Zhi D, et al. The JNU-IFM dataset for segmenting pubic symphysis-fetal head[J]. Data in Brief, 2022, 41: 107904.
* Bai J, Sun Z, Yu S, et al. A framework for computing angle of progression from transperineal ultrasound images for evaluating fetal head descent using a novel double branch network[J]. Frontiers in Physiology, 2022, 13: 2565.
* Zhou Z, Lu Y, Bai J, et al. Segment Anything Model for fetal head-pubic symphysis segmentation in intrapartum ultrasound image analysis[J]. Expert Systems with Applications, 2024: 125699.
* Jiang J, Wang H, Bai J, et al. Intrapartum Ultrasound Image Segmentation of Pubic Symphysis and Fetal Head Using Dual Student-Teacher Framework with CNN-ViT Collaborative Learning[C]//International Conference on Medical Image Computing and Computer-Assisted Intervention. Cham: Springer Nature Switzerland, 2024: 448-458.
* Ou Z, Bai J, Chen Z, et al. RTSeg-Net: a lightweight network for real-time segmentation of fetal head and pubic symphysis from intrapartum ultrasound images[J]. Computers in biology and medicine, 2024, 175: 108501.
* Qiu R, Zhou M, Bai J, et al. PSFHSP-Net: an efficient lightweight network for identifying pubic symphysis-fetal head standard plane from intrapartum ultrasound images[J]. Medical & Biological Engineering & Computing, 2024: 1-12.
* Chen G, Bai J, Ou Z, et al. PSFHS: intrapartum ultrasound image dataset for AI-based segmentation of pubic symphysis and fetal head[J]. Scientific Data, 2024, 11(1): 436.
* Chen Z, Lu Y, Long S, et al. Fetal head and pubic symphysis segmentation in intrapartum ultrasound image using a dual-path boundary-guided residual network[J]. IEEE Journal of Biomedical and Health Informatics, 2024.
* Bai, J., Lekadir, K., Ni, D., Slimani, S., Campello, V. M., Ohene-Botwe, B., Lu, Y., Chen, G., Hou, H., Qiu, D., & Zhou, Z. (2024). Intrapartum Ultrasound Grand Challenge 2024. 27th International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI 2024). Zenodo. <https://doi.org/10.5281/zenodo.10979813>
* Jieyun Bai, Zhanhong Ou, Yaosheng Lu, Dong Ni, Gaowen Chen, Gaowen Chen, Zhanhong Ou, Zhanhong Ou, Gaowen Chen, & Yaosheng Lu. (2023). Pubic Symphysis-Fetal Head Segmentation from Transperineal Ultrasound Images. International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI) 2023 (MICCAI 2023). Zenodo. <https://doi.org/10.5281/zenodo.7861699>

3. The dataset will be **used for the purpose of scientific researches only**. You agree **not to reproduce, duplicate, copy, sell, trade, resell or exploit** for any commercial purposes, any portion of the images and any portion of derived data.

4. The owners reserve the right to terminate your access to the dataset at any time.

5. The final explanation of this agreement refers to owners.

6. The agreement should be signed by hand not typing.

7. Applications of the dataset are limited to technical papers, documents and reports published by the applicant **who completes the agreement with the affiliation signed below**.

Printed Name: \_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Organization: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mailing Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tel: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fax: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_