Figure S1 Examples of data augmentation. (A) Original image; (B) random cropping; (C) rotation; (D) horizontal mirroring; (E) blur; (F) adjusting brightness and contrast. The x-axis and y-axis both represent the pixel size of the image.
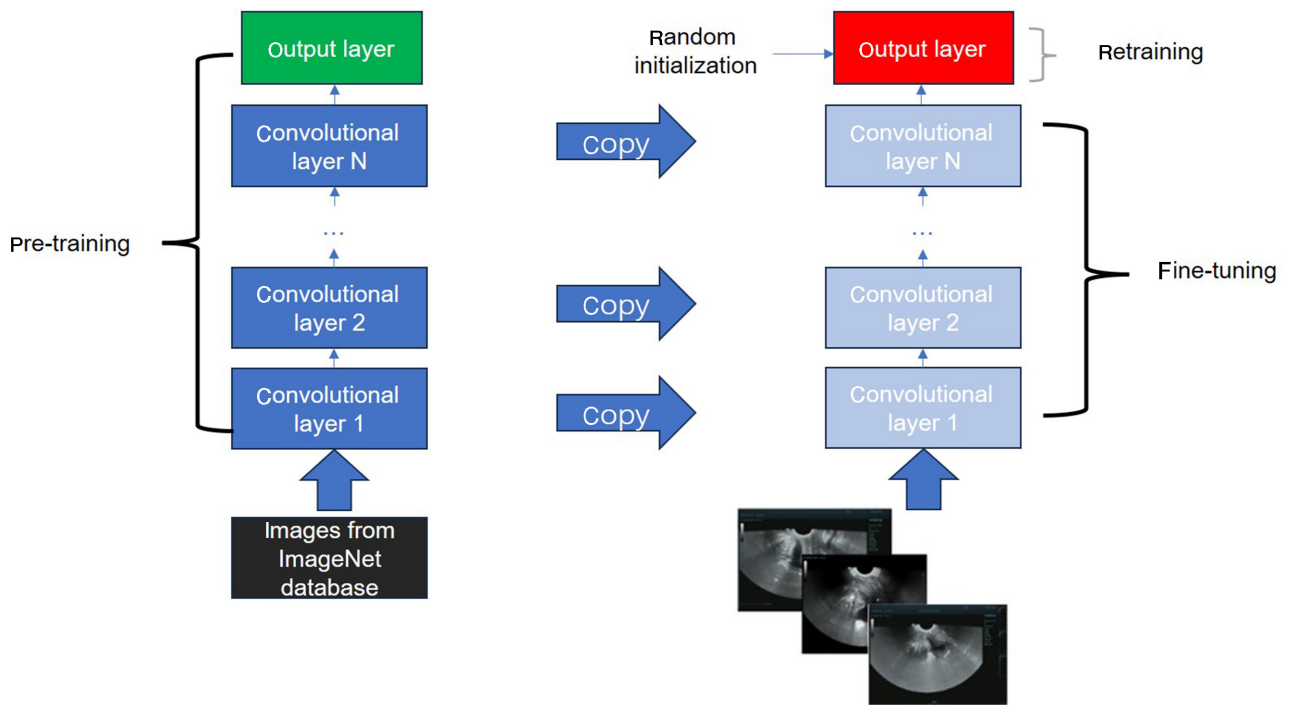
Figure S2 Schematic of transfer learning in this study. Each of four convolutional neural networks was pre-trained on images in the ImageNet database, then fine-tuned on the dataset of pelvic floor ultrasound images. During this fine-tuning, the output layer of the source domain model was discarded, a new output layer was added. During the fine-tuning process, the parameters of the pre-trained model are not fixed but adjusted synchronously.