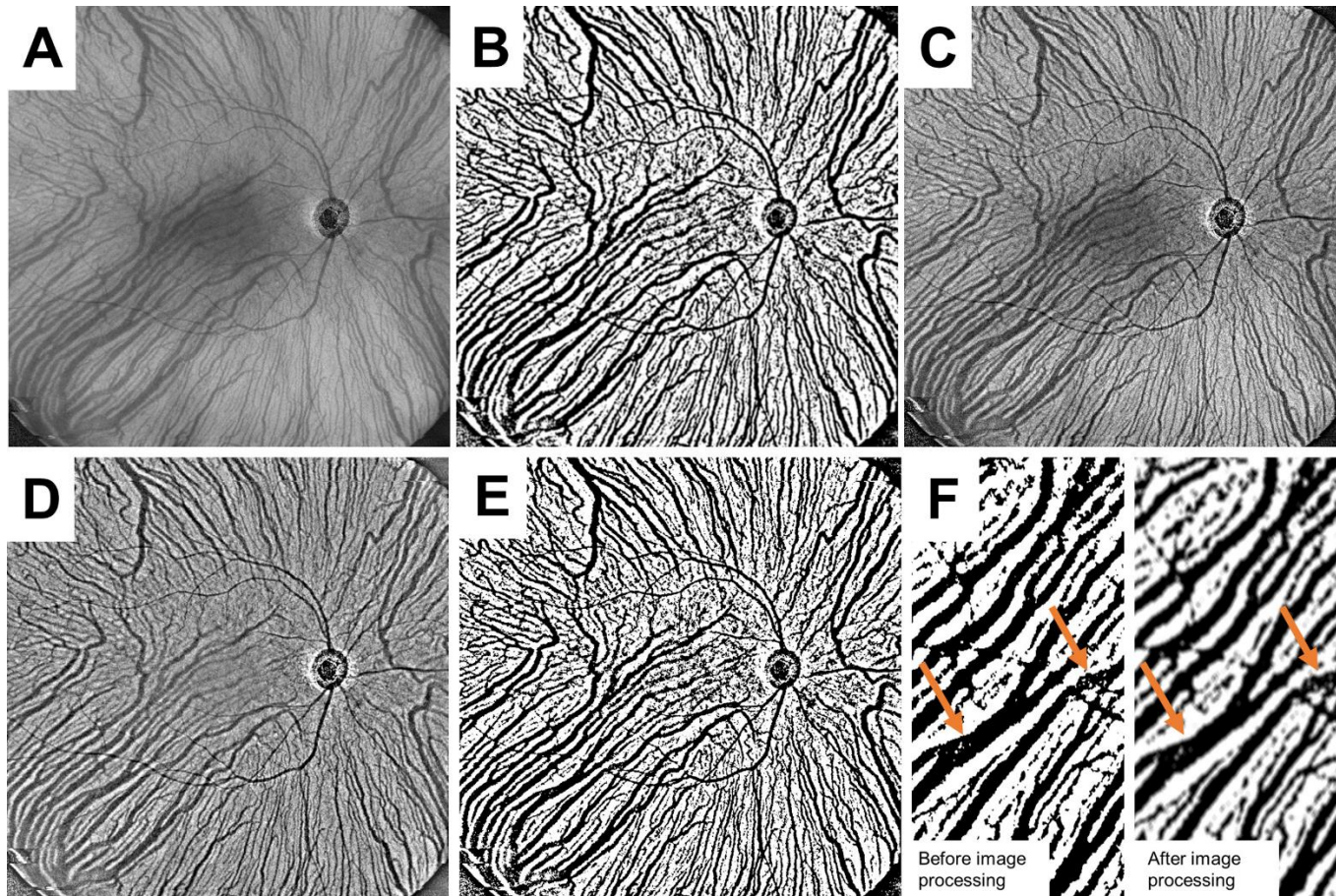


Online Resource 2. The binarization process of the original choroidal en-face image



The original choroidal en-face image (A) and the acquired wide-angle choroidal en-face image after binarization. (B) are presented with the detailed process. First, the choroidal en-face images were enhanced using an advanced sharpening tool (Unsharp Mask: radius = 10 pixels; weight = 0.7) (C). Second, the images underwent spatial frequency filtering (Fourier transform (FFT)) → bandpass filter) with specific settings for large and small structures (D). Third, the images were converted to binary (E). Fourth, the images were smoothed using a mean filter (radius = 3 pixels), where the white areas within the blood vessels indicated by arrows can be converted to black areas (F).