

Supplemental video1 (S1)

Simulation of the velocity streamline of coarctation zone of abdominal aorta.

Supplemental video2 (S2)

Simulation of the velocity contour plotting in iliac artery with pulsatile flow.

Supplemental video3 (S3)

Simulation of the velocity streamline in plane in iliac artery with pulsatile flow.

Supplemental video4 (S4)

Simulation of the wall shear stress distribution in iliac artery with pulsatile flow.