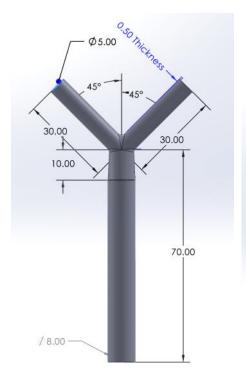
## Unobstructed bifurcated blood vessel

Tuesday, August 30, 2022 11:46 AM

Objective: I plan to at the very least finish modeling the healthy (unobstructed) bifurcated blood vessel and to get started with the blockage designs, as shown to the right.



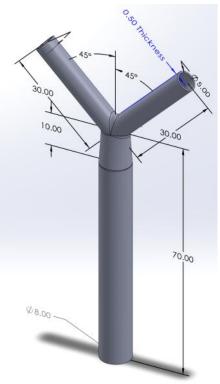
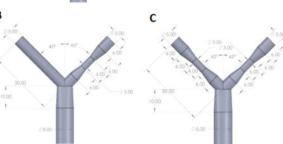




Figure 1: Carotid artery bifurcation geometry to be analzyed: (A) No constriction in carotid arteries; (B) blockage in the ICA; (C) blockages of equal amounts in the ICA and ECA.



## **Constricted Arteries**

Tuesday, September 6, 2022 9:28 PM

Objective: I plan to have the blockages modeled as shown to the right and get started on simulation.

