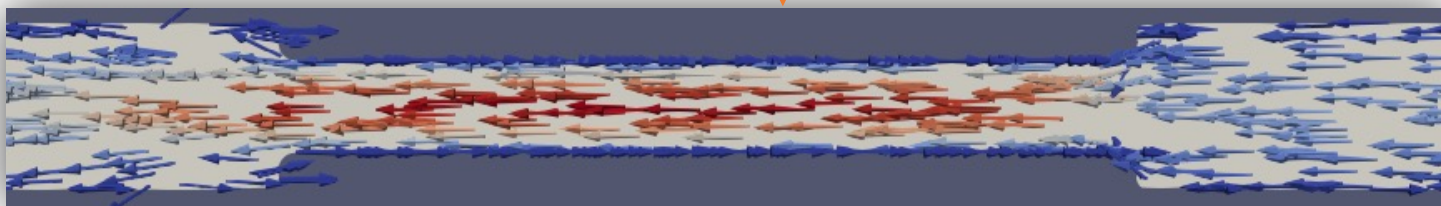
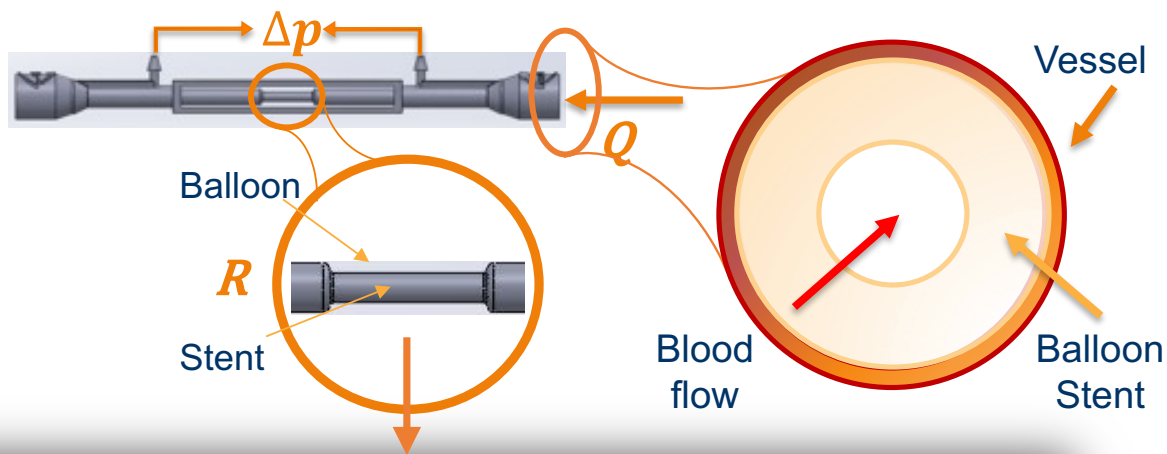
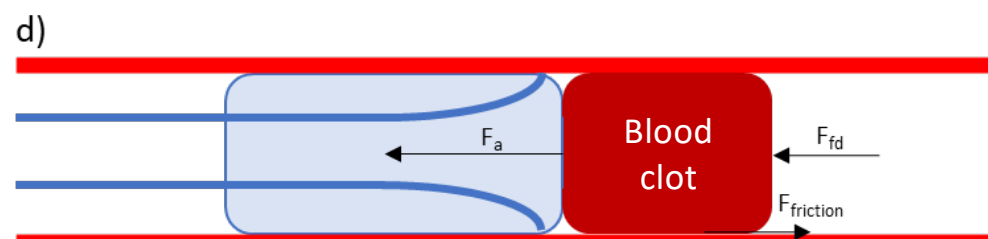
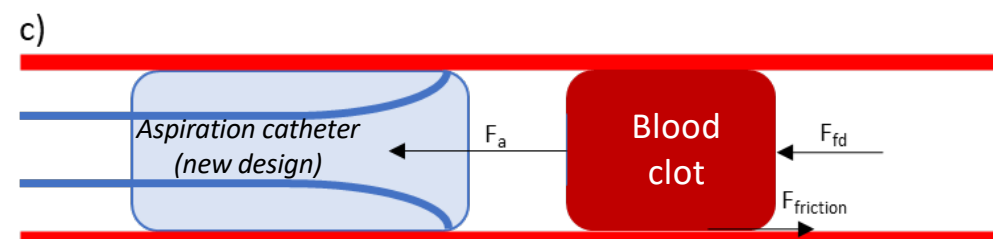
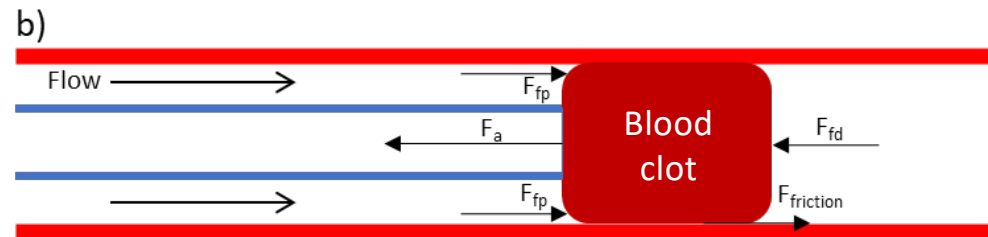
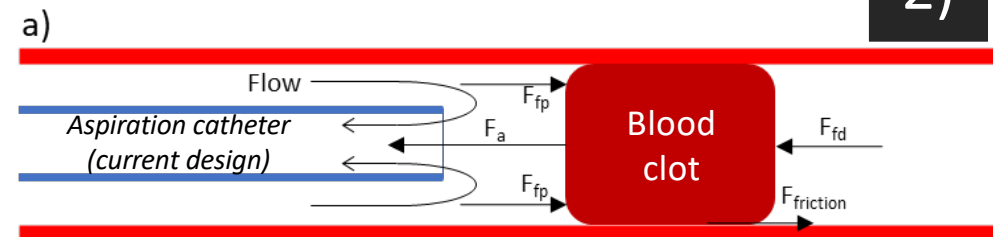


1)



2)



$$\sum F_{aspiration} = F_a + F_{fd} - F_{fd} - F_{friction}$$

$$F_{suction} = P_{aspiration} \times A_{tip}$$