Bifurcating Artery - Physics Setup

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Problem Specification

- 1. Pre-Analysis & Start-Up
- 2. Geometry
- 3. Mesh
- 4. Physics Setup
- 5. Numerical Solution
- 6. Numerical Results
- 7. Verification & Validation

Exercises

Comments

Physics Setup

FLUENT Inputs

- Steady 2D flow
- Outlet gauge pressure = 0 Pa
- Density = 1000 kg/m³
- Coefficient of viscosity = 0.001 kg/(m-s)
- Adjust inlet velocity to get a Reynolds no. of 400.

Go to Step 5: Numerical Solution

Go to all FLUENT Learning Modules