

# Bifurcating Artery - Geometry

Author: Rajesh Bhaskaran & Sebastien Lachance-Barrett, Cornell University

[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](#)

## Geometry



For users of ANSYS 15.0, please check [this link](#) for procedures for turning on the Auto Constraint feature before creating sketches in DesignModeler.

[Geometry \(Artery without plaques\)](#)

[Geometry \(Plaque configuration #1\)](#)

[Geometry \(Plaque configuration #2\)](#)

[Geometry \(Blood Clot\)](#)

[Go to Step 3: Mesh](#)

[Go to all FLUENT Learning Modules](#)