

LaMCoS
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- Understand the occurrence and evolution of pathologies,
- Improve the choice of medical device,
- Prevent potential complications

- Strong collaboration with clinicians (HCL, CHU Rennes)
- Access to preoperative patient data to build patient-specific models and per- and postoperative data to validate simulation results
- Application of various methods of computational mechanics (FEM, FSI, ROM, etc)

Fig.1 The relation among Energy Losses in AVE, Ry and Theta

Fig.4 Displacement of vascular wall