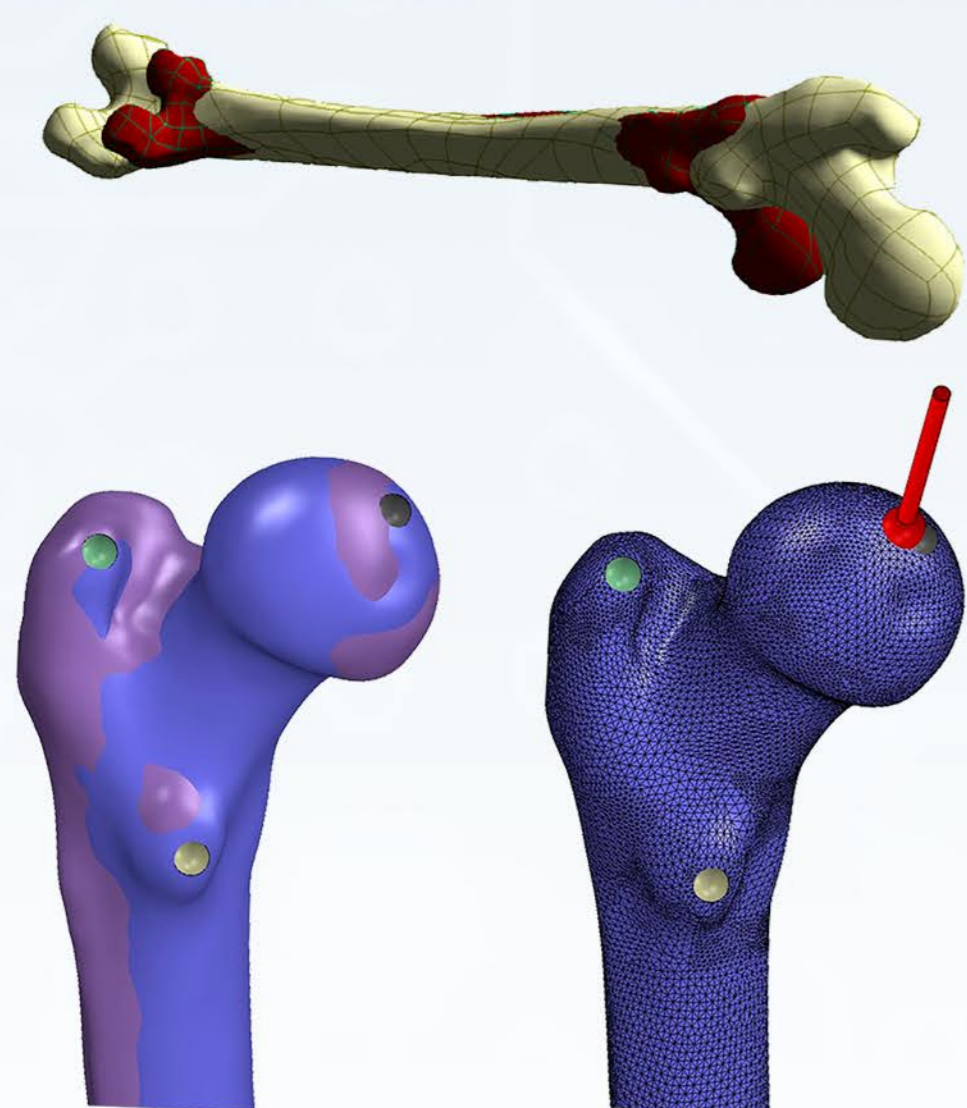


THE MEDICAL DIGITAL TWIN ASSISTED BY REDUCED ORDER MODELS AND MESH MORPHING

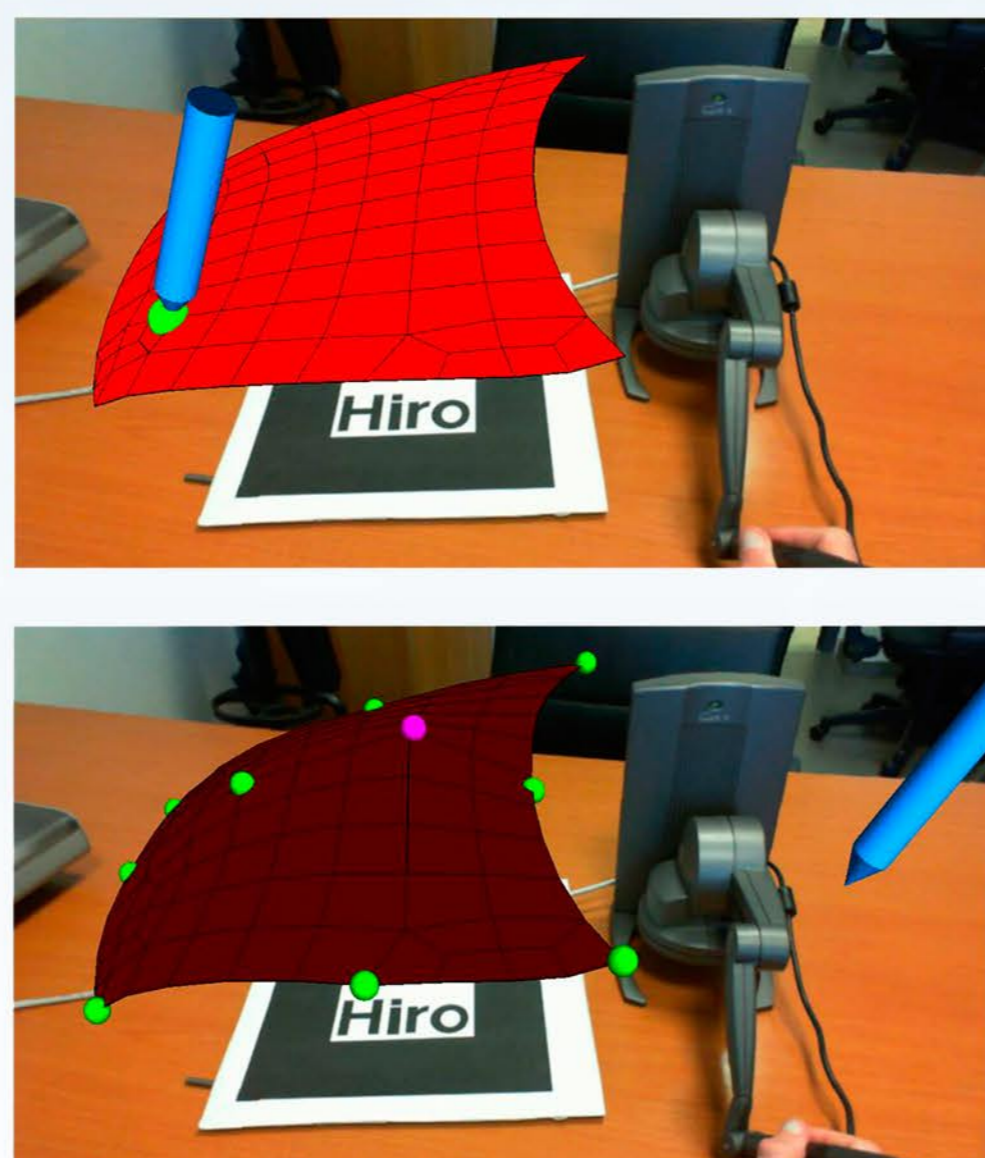
RBF MESH MORPHING

Radial Basis Functions (**RBF**) based Mesh Morphing allows to easily and rapidly adapt existing meshes to new shapes.



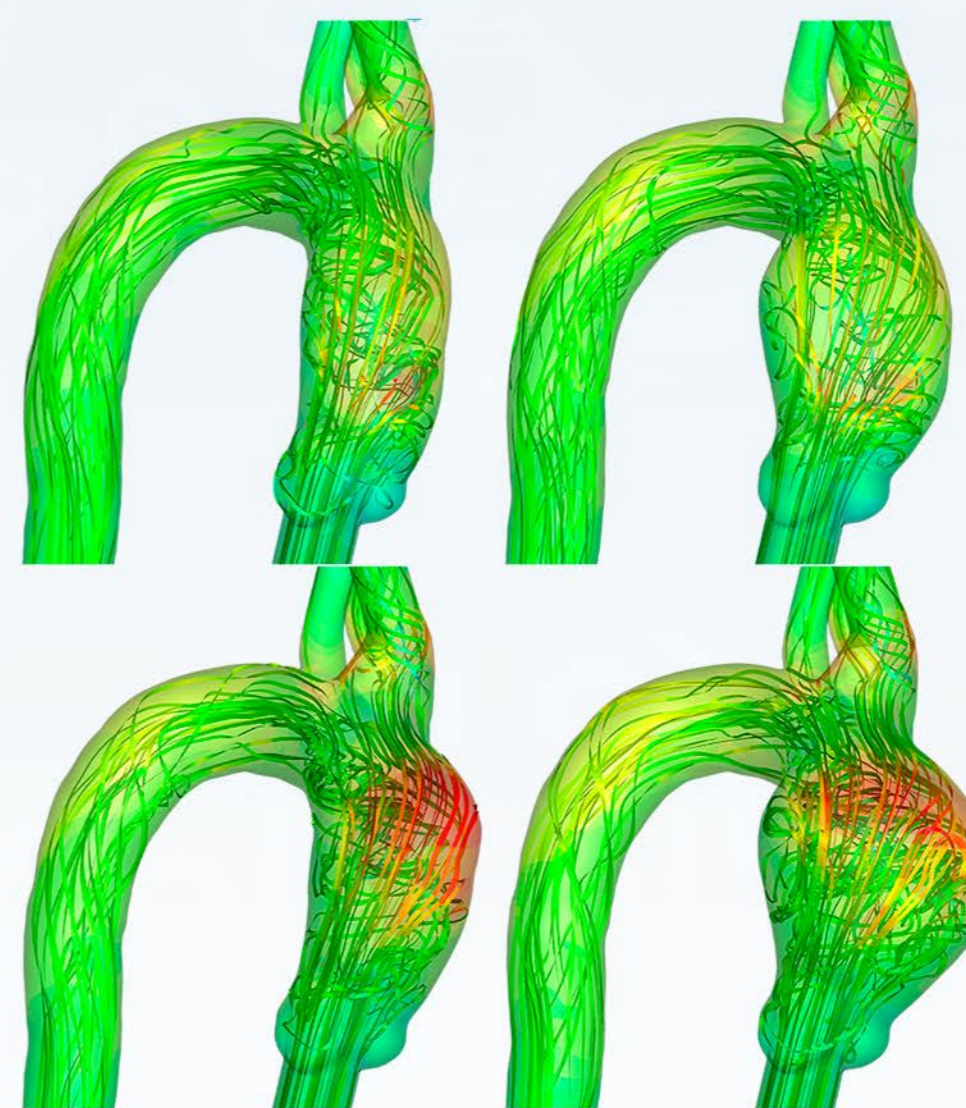
INTERACTIVE SCULPTING

Augmented Reality environment together with **Haptic Devices** allow to use fingers to interactively modify and sculpting model surfaces.



FAST RESULT ACCESS WITH ROM

Thanks to ANSYS® Reduced Order Model (**ROM**) technology, CFD and CSM results on morphed models can be inspected in real time.



RBF4ARTIST



Digital Twin and mesh morphing application

