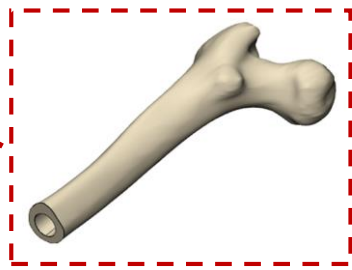
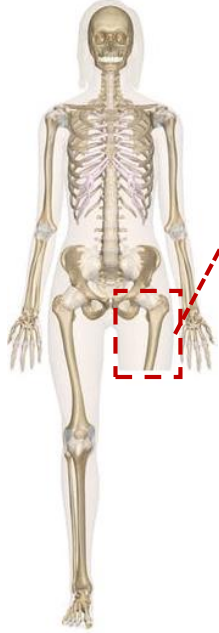
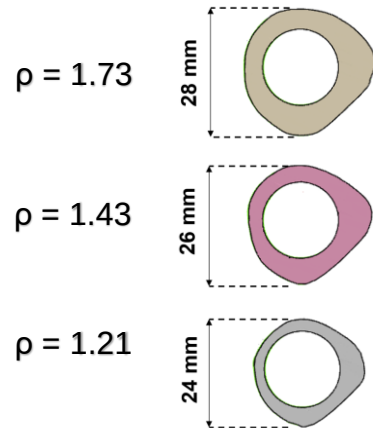


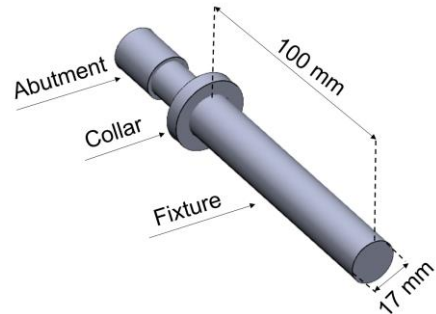
CAD models of amputated femurs



Various bone qualities

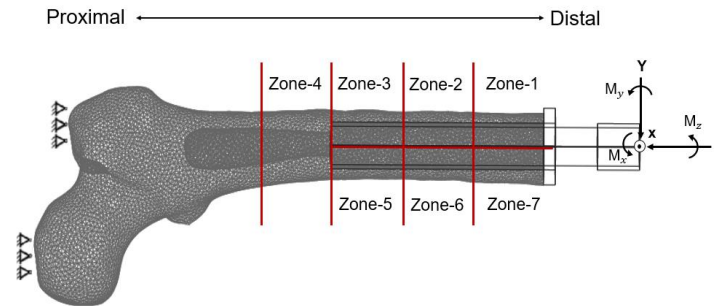


Inserting the transfemoral implant

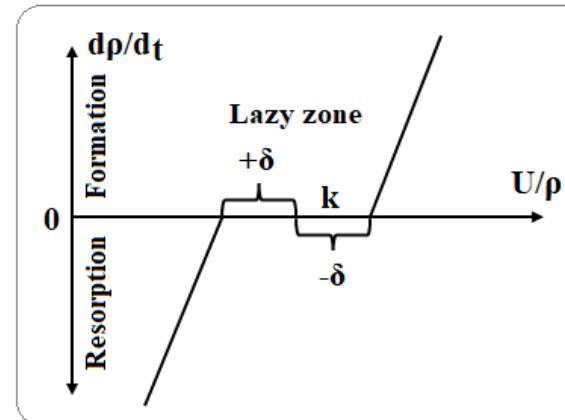


FEA + Bone remodeling algorithm

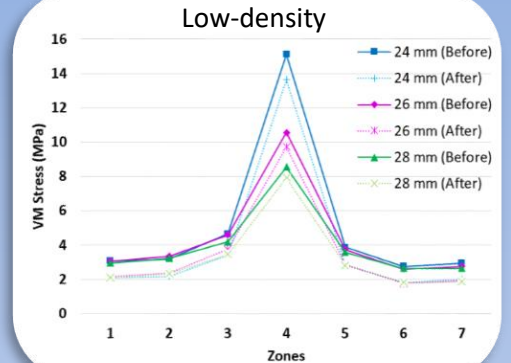
Boundary conditions and zones



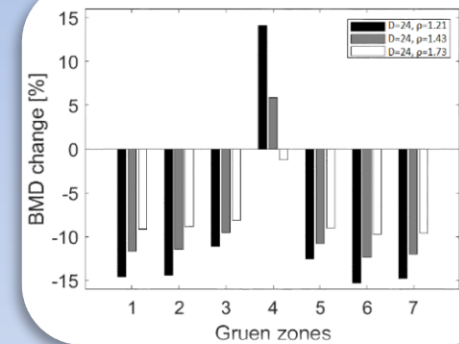
SED-based bone adaptation



Mean stress values per zone



BMD change per zone



Bone failure risk per zone

