



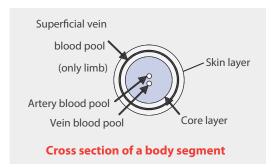
## Human Body Thermoregulation Model - "JOS"

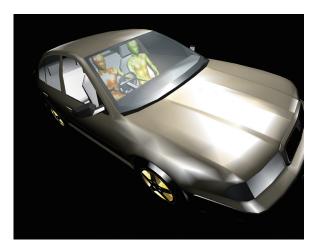
## SC/Tetra Function

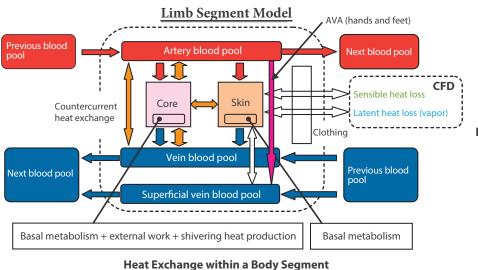
JOS (Joint System Thermoregulation Model) Developed by Professor Shin-ichi Tanabe, Waseda University, Japan

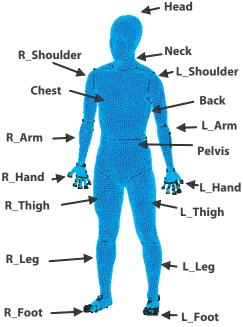
JOS computes the temperature of a human body. JOS models a human body by dividing it into seventeen body segments. Each individual body segment consist of a core layer and a skin layer. In the center of the core layer are both an artery blood pool and a vein blood pool used for modeling the vascular system.

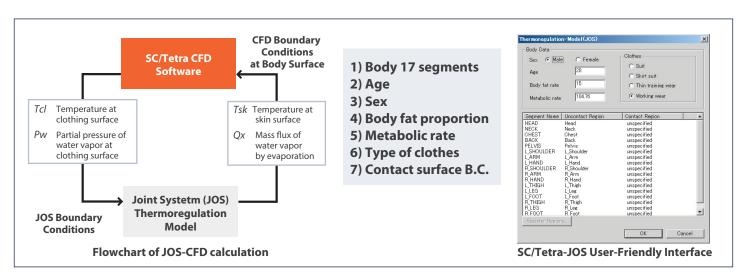
In addition, a superficial vein blood pool is modeled in the skin layer of limb segments.











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