

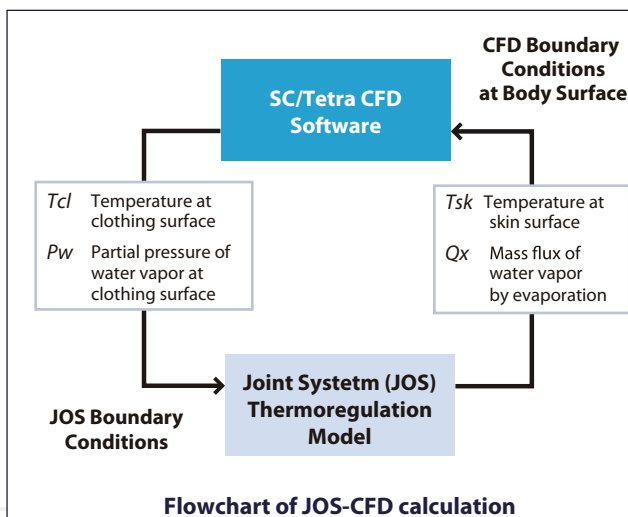
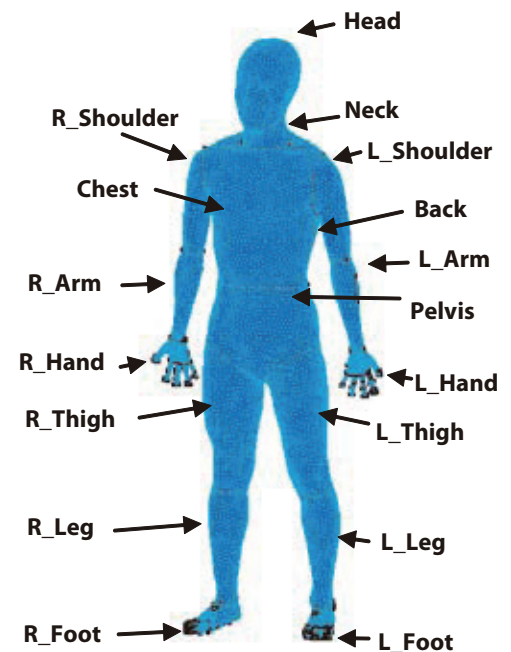
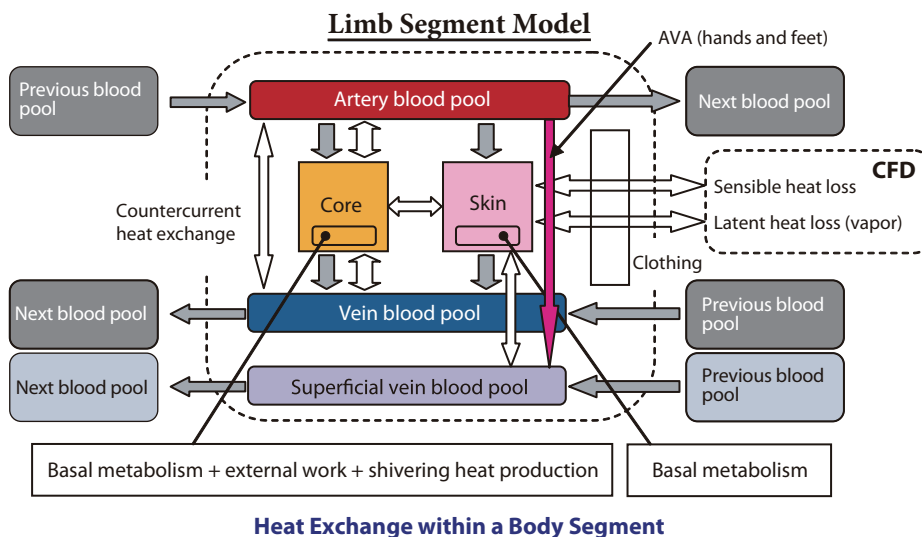
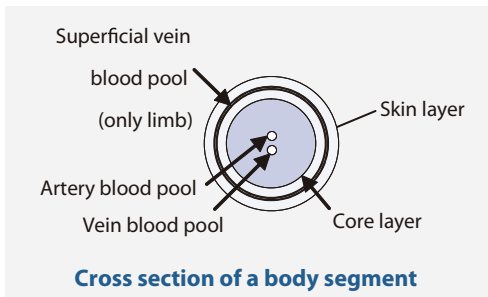
SC/Tetra Function

Human Body Thermoregulation Model - "JOS"

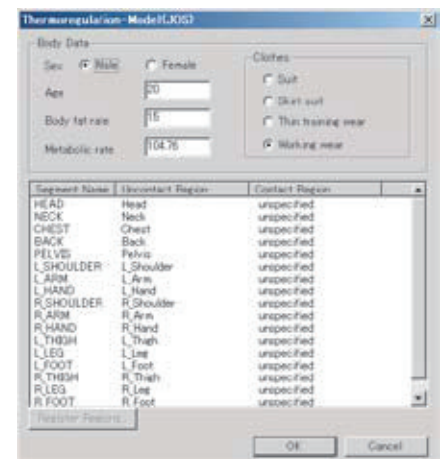
JOS (Joint System Thermoregulation Model)

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.



- 1) Body 17 segments
- 2) Age
- 3) Sex
- 4) Body fat proportion
- 5) Metabolic rate
- 6) Type of clothes
- 7) Contact surface B.C.



SC/Tetra-JOS User-Friendly Interface