







FINAL RESULTS OF INDIVIDUAL MODEL OF KNEE WITH PAPER REF.

SNO.	MODEL(PART)	RESULT OBD(STRESS)	PAPER RESULT (Stress abs or von-Mises)	PAPER REF.
1.	FEMUR	0.734-1.22(MPa)	2.1-5.83 or 1.57MPa by Lie tal	1.Comparison of stress on knee cartilage during kneeling and standing using finite element models.
2.	TIBIA	6.629-12.19 (MPa)	1- 24.77(MPa) (DATA FROM SOLID MODEL) 2- 2.1-5.83(MPa)	1. A Three-Dimensional Finite Element Analysis of the Upper Tibia. 2. Comparison of stress on knee cartilage during kneeling and standing using finite element models
3.	MENISCUS	0.867-2.141(MPa)	2.9-3.1(MPa) JR WANG- 8.65(MPa)	Effects of the material properties of a focal knee articular prosthetic on the human knee joint using computational Simulation.