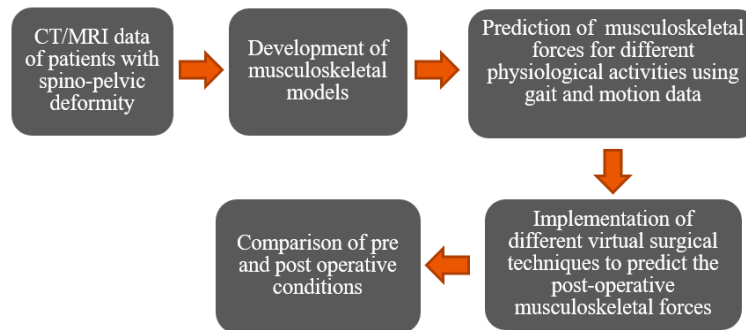


Bio Mechanical Modelling of Knee Replacements

Knee implants are mostly designed and developed based on the Caucasian population. Recent clinical studies have shown the bone morphometric parameters of the Indian population to be significantly different from the Caucasian population. Therefore, often these implants do not fit properly in the Indian patients. Furthermore, no study has investigated these biomechanical aspects. Hence, this project is aimed at a biomechanical design evaluation of commercial knee implants for the Indian population.



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