



# Research Study

## Lower-Extremity Bony Alignment and Body Habitus Using EOS

**The goal of this research is to characterize the changes in skeletal alignment that occur in individuals who have undergone major surgery to the spine, hip, or knee.**

### Who is Eligible?

#### **Inclusion Criteria:**

- Gender: Males and females
- Age: 20-80years old
- Fit into one of the following groups:
  1. Healthy and no history of lower extremity surgeries
  2. Total knee replacement in one or both knees
  3. Total hip replacement in one or both hips
  4. Spinal fusion or fixation in the lumbar spine region

#### **Exclusion Criteria:**

- History of cancer with or without metastatic disease
- Concomitant orthopaedic lower extremity injury that continues to cause pain or loss of normal function
- Neurologic deficit affecting function or understanding of protocol
- Current or recent participation in other studies involving radiation (less than 12 months)
- Pregnant women
- Oswestry Disability Index score >25



*Participants will be compensated for their time*

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**If you are interested, please contact:**

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