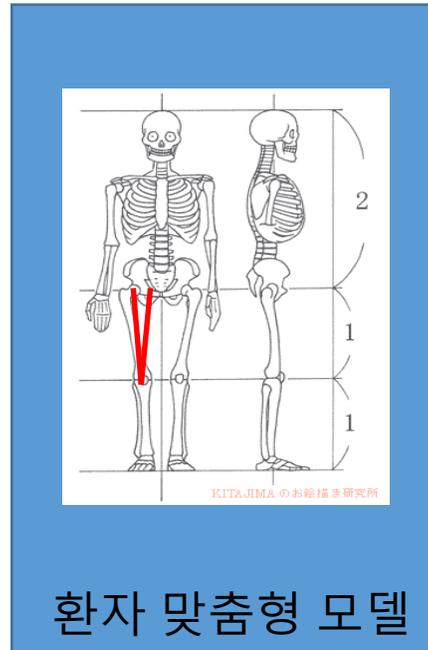
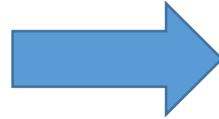


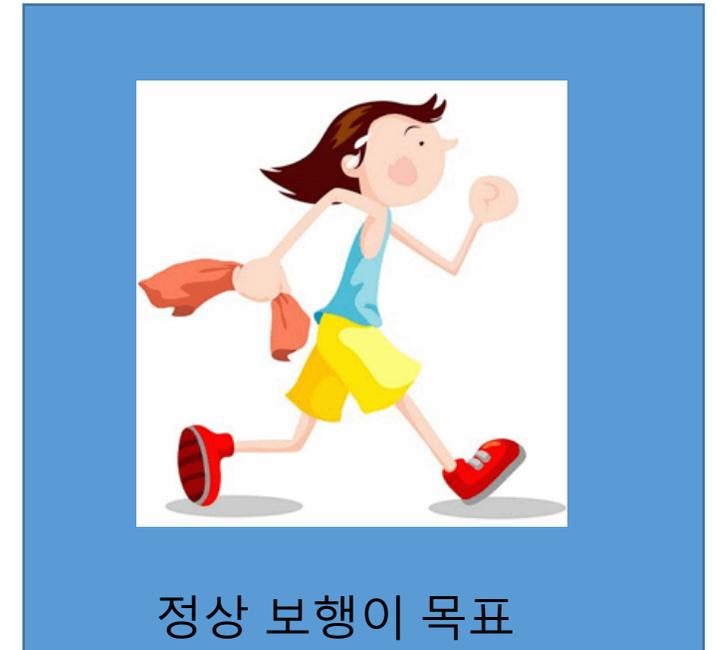
# 목표



Xray,CT,  
모션캡처,  
임상측정

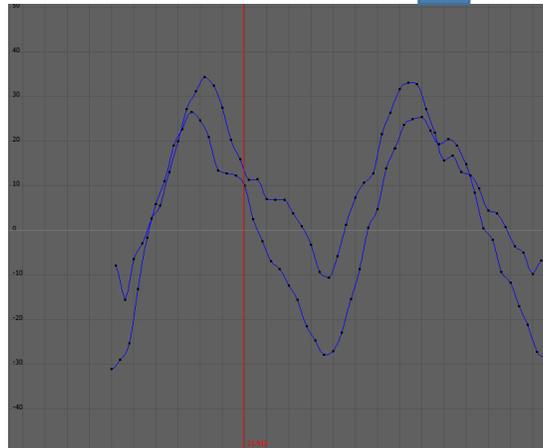


가상 수술  
과예측



# 완료한 것과 문제점

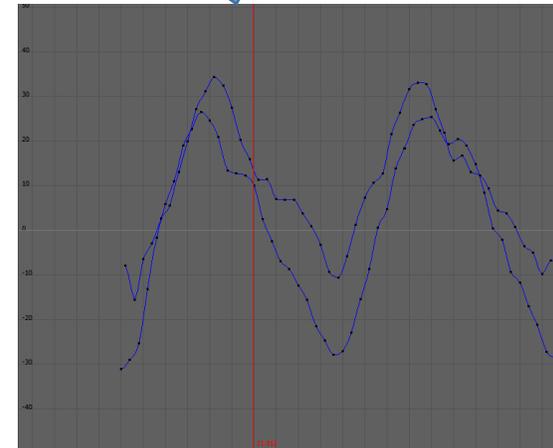
F = Regression 함수



모션 캡처->  
Joint Angle  
Muscle Length

블랙박스

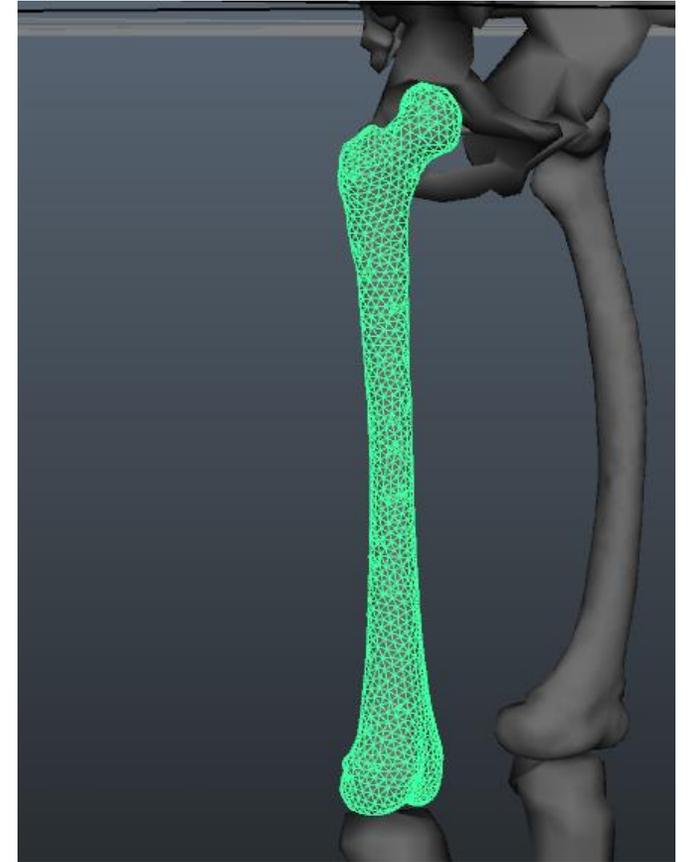
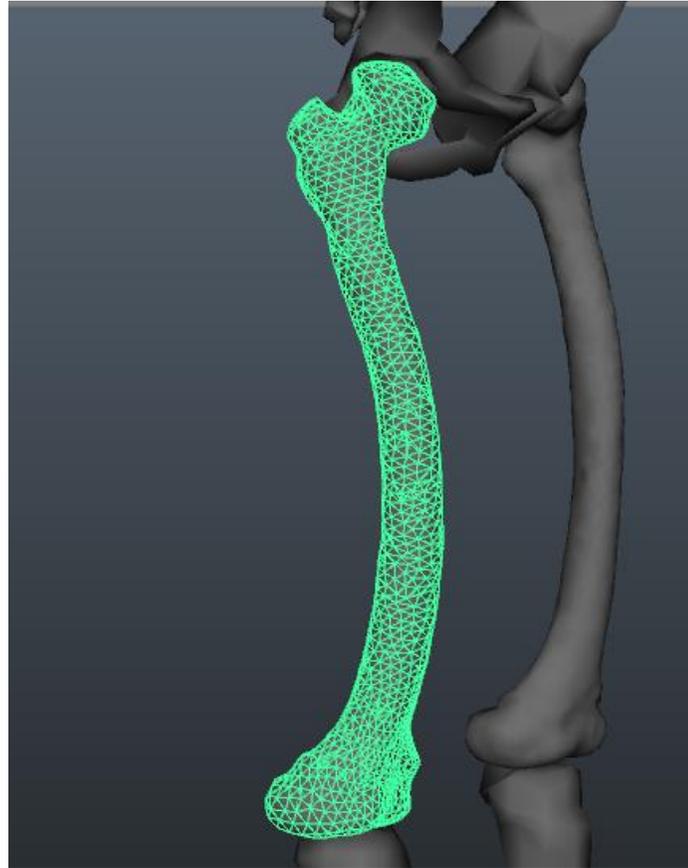
FDO, RFT,  
DHL, TAL



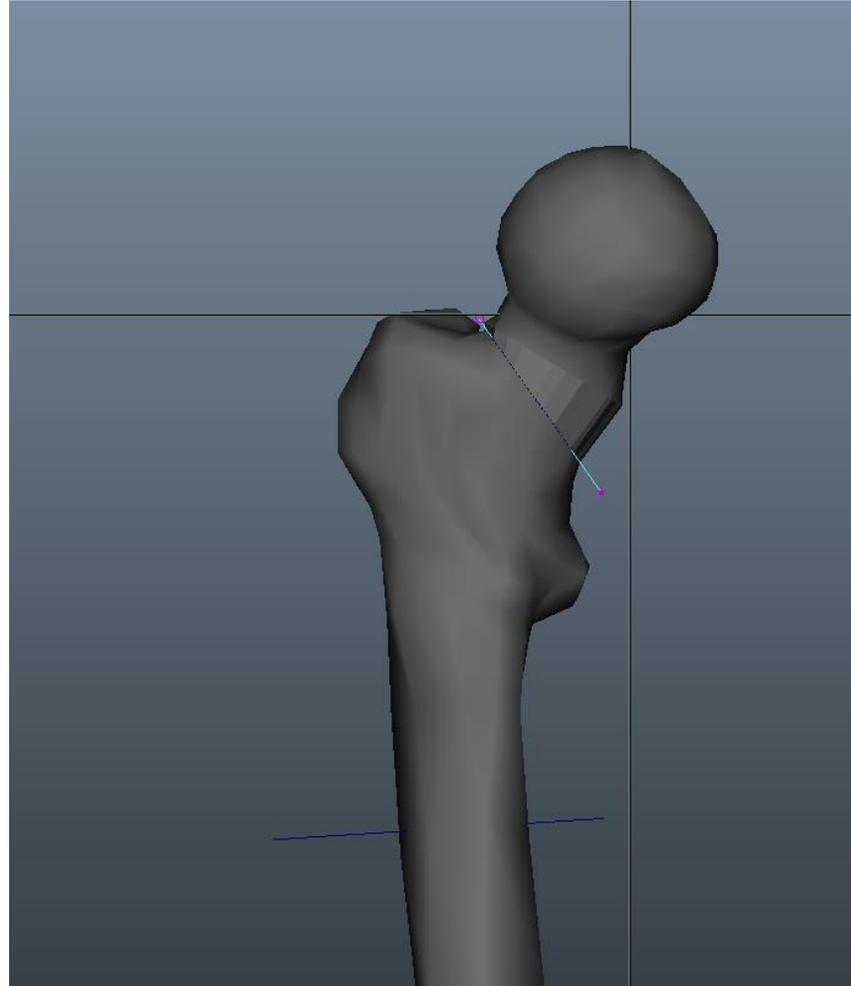
Joint Angle  
Muscle Length

# 환자에 특화된 뼈대 생성

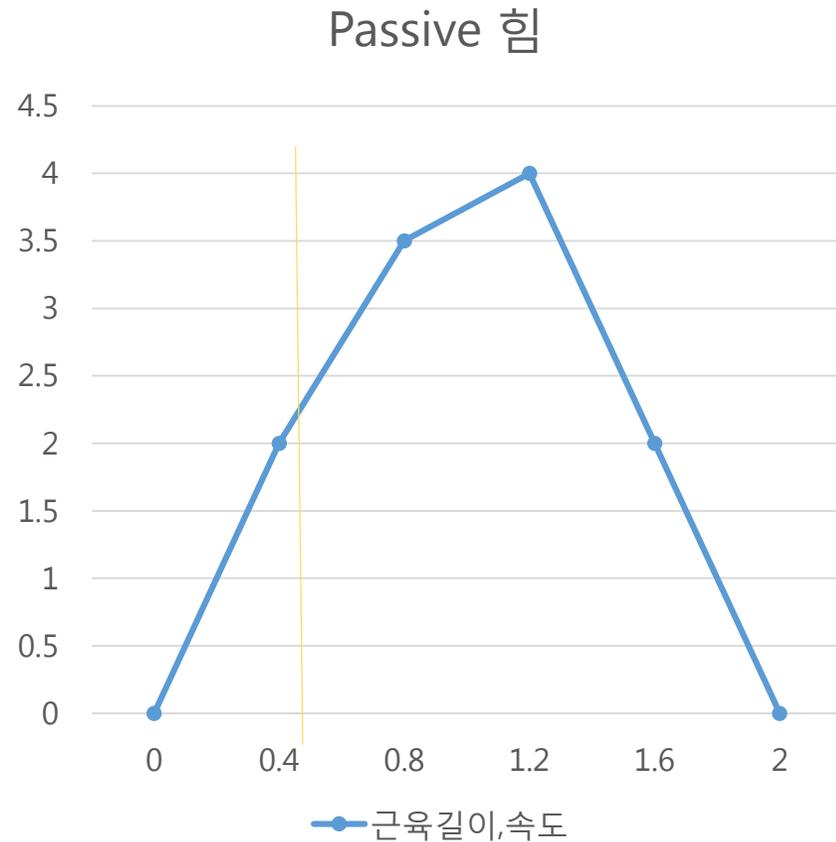
Neck Shaft Angle	120.000
Torsion	50.000
Bowing Angle	30.000
Neck Length	40.000
Age	10.000



# 뼈 절단 시뮬레이션



# 블랙 박스를 펼쳐보자



Passive Force 가 동작하는 순간을  
알아낼 수 있다면

근육길이와 속도로 부터 근육의  
Optimal Length를 유추할 수 있다.