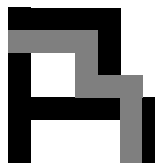




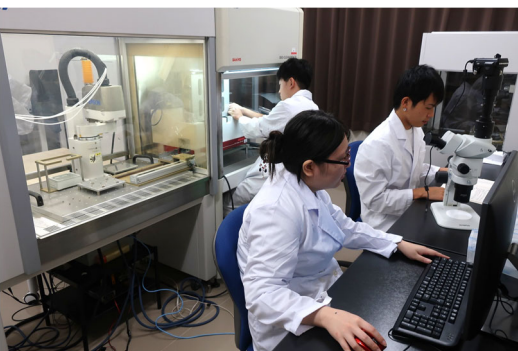
Med.×Eng.
Collabo
Lab

A Medicine-Engineering Collaboration Laboratory

in dept. of information and engineering
#biomechanics #bioengineering #shimoto_lab



**Regenerative
Medicine**

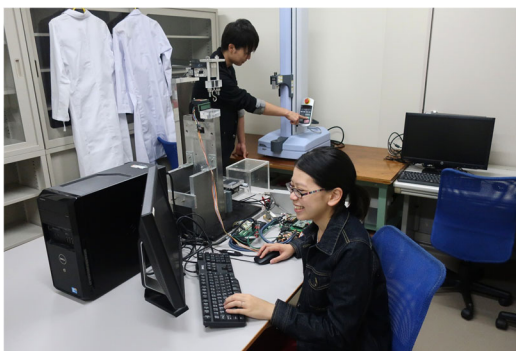


#cell-construct
#spheroid
#rapid prototyping system
#tissue engineering

clinical medical science
saga university
+
dept. of life science
kyushu sangyo university
+
cyfuse biomedical k.k.
+
dept. of information and engineering
fukuoka institute of technology

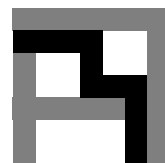


**Biomechanical
Evaluation**

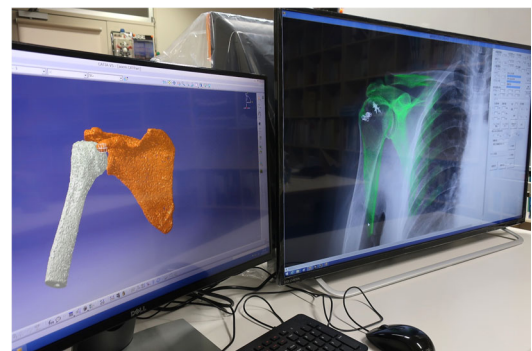


#flexor tendon repair
#cyclic loading
#femoral head
#compression test

dept. of orthopedic surgery
kyushu university
+
university of leeds
+
senko medical instrument
mfg. co., ltd.
+
dept. of information and engineering
fukuoka institute of technology



**Motion
Analysis**



#shoulder joint
#knee joint
#image matching method
#tibial osteotomy

dept. of orthopaedic surgery
kyushu university
+
artificial joint integrated center.
ehime university hospital
+
hamanomachi hospital
+
dept. of information and engineering
fukuoka institute of technology



Medicine-Engineering
Collaboration
Laboratory



Fukuoka Institute of Technology
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Shimoto Laboratory