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## **AZALPENA**

The Multidisciplinary 3D Printing Platform, is made up of two interdependent units, The “3D Biomodelling Unit”, which provides its service in the area of biomodels, in order to improve the surgical approach and patient operating times, as well as to personalise prosthetic implants, and the “3D Biomanufacturing Unit”, that provides its service in the area of bioprinting cells and tissues for use in approaches based on regenerative medicine.

## **Aplikazio-eremuak**

Additive manufacturing

Electromedical devices

Orthopedic and rehabilitation Technology

## **EKIPO ETA OSAGAI GARRANTZITSUENAK**

Bioimpresora FDM Biobots-Allevi

Impresora bIDO-I bioprinter

Impresora Stratasys F730

Una impresora FDM (Witbox, BQ)

## **AKTIBOAK ESKAINTZEN DITUEN ZERBITZUAK**

**Impresión 3D Alta Resolución y Metales**

Mediante la impresora Stratasys J750 con tecnología Polyjet.

### **Impresión 3D Form2**

Impresión en Resina

### **Impresión 3D Form2**

Impresión con diferentes materiales (PLA3, ABS-M30, ASA, PC-ABS, TPU 92A, material de soporte QSR)

### **Procesado Biomodelo**

Tratamiento con Isopropílico y tratamiento con Hidróxido de sodio

### **Segmentación y depuración imagen**

Creación archivo DICOM

## **AKTIBOA KUDEATZEN DUEN ERAKUNDEA**

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