

QuirofAM

R&D ecosystem for the transformation of the surgery practice by the implementation of additive manufacturing and 3D printing in the health industry

PROJECT LEADER



LLAVOR 3D
Comunitat RIS3CAT



OBJECTIVE

The project aims to obtain surgery test models, implants for reconstructions and bioactive implants for the regeneration of tissues using AM/3DP technologies.

EXPECTED RESULTS

- Software for the conversion of high complexity data of living tissues into AM/3DP files
- Synthesis of new polymers for 3D printing: multifunctional "on demand"
- New 3D printing materials for permanent bone structure fixation
- AM/3DP bioplotter system for the printing of anatomical structures



PARTNERS



Budget: 2.573.476,55€

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Unió Europea
Fons europeu
de desenvolupament regional

LLAVORD 3D està cofinançat pel Fons Europeu de Desenvolupament Regional de la Unió Europea en el marc del Programa Operatiu FEDER de Catalunya 2014-2020 amb un ajut de 3.8M€.