Materials List for:

## Combining Augmented Reality and 3D Printing to Display Patient Models on a Smartphone

Rafael Moreta-Martinez<sup>1,2</sup>, David García-Mato<sup>1,2</sup>, Mónica García-Sevilla<sup>1,2</sup>, Rubén Pérez-Mañanes<sup>2,3,4</sup>, José A. Calvo-Haro<sup>2,3,4</sup>, Javier Pascau<sup>1,2</sup>

Correspondence to: Javier Pascau at jpascau@ing.uc3m.es

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## **Materials**

Name	Company	Catalog Number	Comments
3D Printing material: Acrylonitrile Butadiene Styrene (ABS)			Thermoplastic polymer material usually used in domestic 3D printers.
3D Printing material: Polylactic Acid (PLA)			Bioplastic material usually used in domestic 3D printers.
3D Slicer			Open-source software platform for medical image informatics, image processing, and three-dimensional visualization
Android	Alphabet, Inc.		Android is a mobile operating system developed by Google. It is based on a modified version of the Linux kernel and other open source software, and is designed primarily for touchscreen mobile devices such as smartphones and tablets.
Autodesk Meshmixer	Autodesk, Inc.		Meshmixer is state-of-the-art software for working with triangle meshes. Free software.
iPhone OS	Apple, Inc.		iPhone OS is a mobile operating system created and developed by Apple Inc. exclusively for its hardware.
Ultimaker 3 Extended	Ultimaker BV		Fused deposition modeling 3D printer.
Unity	Unity Technologies		Unity is a real-time development platform to create 3D, 2D VR & AR visualizations for Games, Auto, Transportation, Film, Animation, Architecture, Engineering & more. Free software.
Xcode	Apple, Inc.		Xcode is a complete developer toolset for creating apps for Mac, iPhone, iPad, Apple Watch, and Apple TV. Free software.

<sup>&</sup>lt;sup>1</sup>Department of Bioengineering and Aerospace Engineering, Universidad Carlos III de Madrid

<sup>&</sup>lt;sup>2</sup>Instituto de Investigación Sanitaria Gregorio Marañón

<sup>&</sup>lt;sup>3</sup>Department of Orthopedic Surgery and Traumatology, Hospital General Universitario Gregorio Marañón

<sup>&</sup>lt;sup>4</sup>Department of Surgery, Faculty of Medicine, Universidad Complutense de Madrid