

3D PRINTING CONFERENCE INNOVATION, MODELLING, APPLICATION & IMPLEMENTATION

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3D printing for bioresorbable medical devices

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3D printed devices are enabled through advanced equipment and materials, though there are hurdles maximizing this technology. Application of materials specifically suited for medical device manufacturing is key. Poly-Med CTO, Scott Taylor, will explain that while PLA, a bioresorbable polymer, is available for 3D printing, medical-specific quality requirements are often not in place and mechanics aren't appropriate for most products. Poly-Med

supports development and manufacturing of bioresorbable products from a wide variety of implantgrade 3D printing materials, including Max-Prene[®], Dioxaprene[®], and Lactoprene[®] filaments. Our engineers support conversion of medical products from permanent to bioresorbable, prototype through manufacturing, with full analytical support.