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**Off-the-shelf 3D printed titanium cups in primary total hip arthroplasty**

highly porous sockets for better osseointegration

Francesco Castagnini, Filippo Caternicchia, Federico Biondi, Claudio Masetti, Cesare Faldini, Francesco Traina

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went primary total hip arthroplasty used the 3D ACT porous titanium (Ti6Al4V) trabecular acetabular cups between January 2013 and November 2017. Inclusion criteria: males and females > 18 years old

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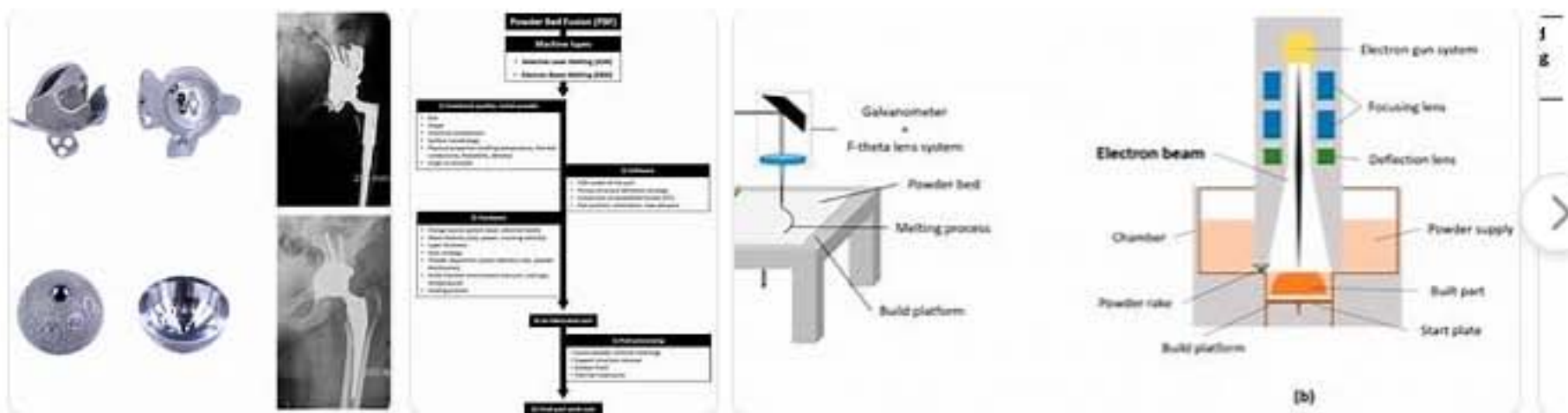
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