



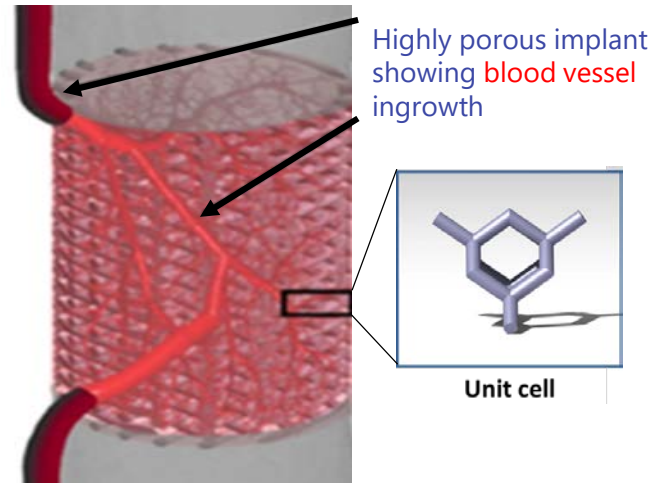
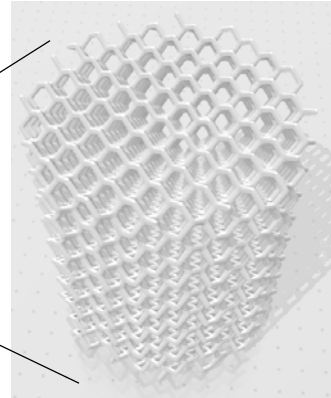
Direct Printed Absorbable Metallic Implants

April 10

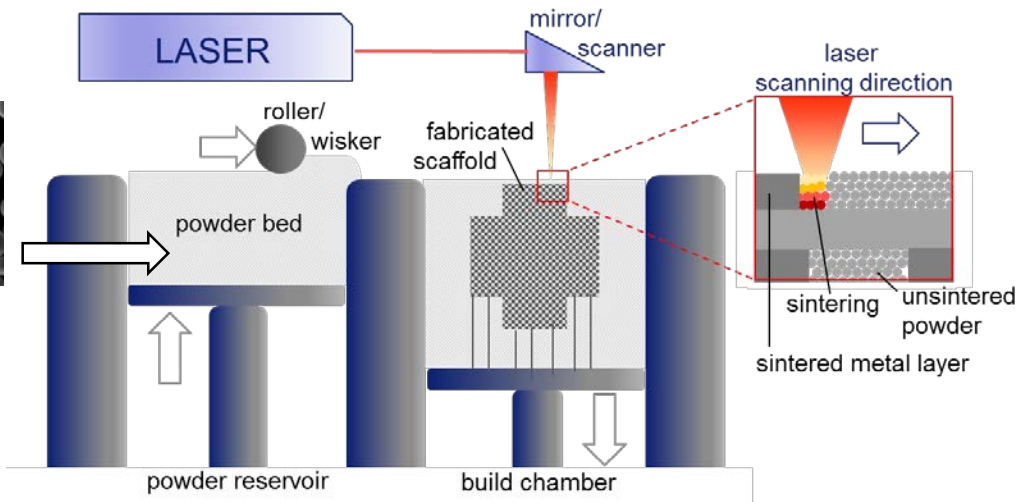
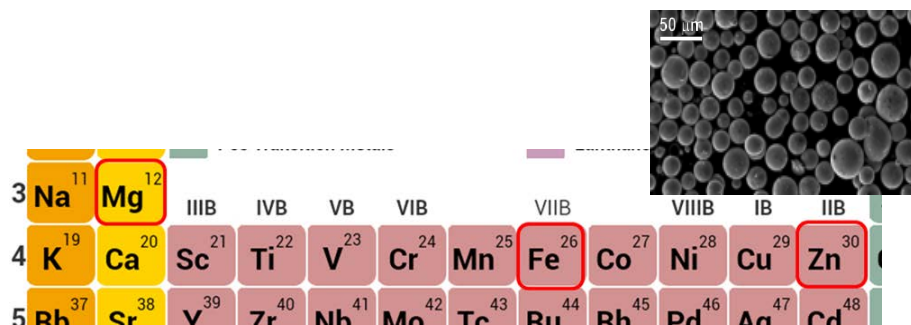
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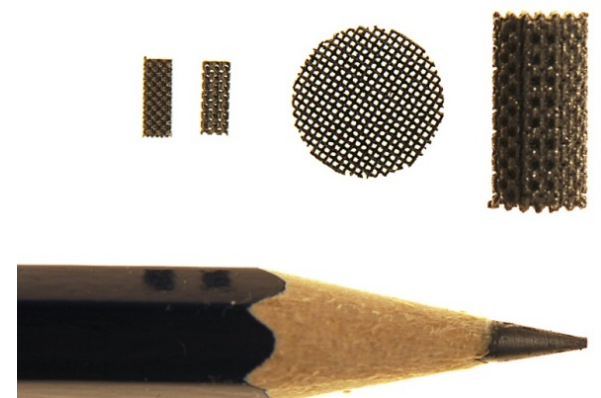
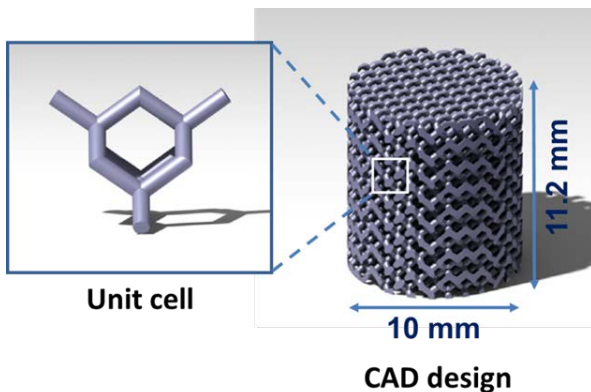
Introduction



Methods



Results



Conclusions

Direct printing of personalized porous absorbable (i.e., biodegradable) medical grade implants is technically feasible. Characterization, optimization and biocompatibility testing is ongoing.

Li Y, Jahr H, Lietaert K, Pavanram P, Yilmaz A, Fockaert LI, Leeflang MA, Pourn B, Gonzalez-Garcia Y, Weinans H, Mol JMC, Zhou J, Zadpoor AA. Additively manufactured biodegradable porous iron. Acta Biomater. 2018;77:380-393.

Li Y, Zhou J, Pavanram P, Leeflang MA, Fockaert LI, Pourn B, Tümer N, Schröder KU, Mol JMC, Weinans H, Jahr H*, Zadpoor AA*. Additively manufactured biodegradable porous magnesium. Acta Biomater. 2018 Feb;67:378-392.

