Author's Accepted Manuscript

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www.elsevier.com/locate/jmbbm

PII: S1751-6161(18)30742-2

DOI: https://doi.org/10.1016/j.jmbbm.2018.07.019

Reference: JMBBM2887

To appear in: Journal of the Mechanical Behavior of Biomedical Materials

Received date: 14 January 2018 Revised date: 4 June 2018 Accepted date: 10 July 2018

Cite this article as: Vee San Cheong, Paul Fromme, Aadil Mumith, Melanie J. Coathup and Gordon W. Blunn, Novel adaptive finite element algorithms to predict bone ingrowth in additive manufactured porous implants, *Journal of the Mechanical Behavior of Biomedical Materials*, https://doi.org/10.1016/j.jmbbm.2018.07.019

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ACCEPTED MANUSCRIPT

Novel adaptive finite element algorithms to predict bone ingrowth in additive manufactured porous implants

Vee San Cheong ^{a,b,*}, Paul Fromme ^b, Aadil Mumith ^a, Melanie J. Coathup ^a, Gordon W. Blunn ^{a,c}

^a John Scales Centre for Biomedical Engineering, Institute of Orthopaedics and Musculoskeletal

Science, University College London, Royal National Orthopaedics Hospital, Stanmore HA7 4LP, UK

^b Department of Mechanical Engineering, University College London, London WC1E 7JE, UK

^c School of Pharmacy and Biomedical Sciences, University of Portsmouth, Portsmouth PO1 2DT, UK

* Corresponding author. Tel: +44 (0)20 7679 3944 Fax: +44 (0)20 7388 0180 Email: v.cheong@ucl.ac.uk

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