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Author: Xingsheng Wang Peidong Han Marco Giovannini

Kornel Ehmann

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### ACCEPTED MANUSCRIPT

# Modeling of machined depth in laser surface texturing of medical needles

Xingsheng Wang<sup>1,2</sup>, Peidong Han<sup>2</sup>, Marco Giovannini<sup>2</sup>, Kornel Ehmann<sup>2</sup>

<sup>1</sup>·Colloge of Engineering, Nanjing Agricultural University, 40 Dianjiangtai Road, Nanjing, Jiangsu210031, P.R. China

<sup>&</sup>lt;sup>2</sup>Department of Mechanical Engineering, Northwestern University, 2145 Sheridan Road, Evanston, IL 60208, USA

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