

# Author's Accepted Manuscript

Viscoelastic Characterisation of Pig Liver in Unconfined Compression

G. Mattei, A. Tirella, G. Gallone, A. Ahluwalia



[www.elsevier.com/locate/jbiomech](http://www.elsevier.com/locate/jbiomech)

PII: S0021-9290(14)00328-5

DOI: <http://dx.doi.org/10.1016/j.jbiomech.2014.05.017>

Reference: BM6672

To appear in: *Journal of Biomechanics*

Received date: 9 January 2014

Revised date: 29 April 2014

Accepted date: 24 May 2014

Cite this article as: G. Mattei, A. Tirella, G. Gallone, A. Ahluwalia, Viscoelastic Characterisation of Pig Liver in Unconfined Compression, *Journal of Biomechanics*, <http://dx.doi.org/10.1016/j.jbiomech.2014.05.017>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Viscoelastic Characterisation of Pig Liver in Unconfined Compression

G. Mattei<sup>a,b\*</sup>, A. Tirella<sup>a,c</sup>, G. Gallone<sup>a,b</sup> and A. Ahluwalia<sup>a,c</sup>

<sup>a</sup> Research Centre "E. Piaggio", University of Pisa, Largo Lucio Lazzarino 1, 56122 Pisa, Italy

<sup>b</sup> Department of Civil and Industrial Engineering, University of Pisa, Largo Lucio Lazzarino 1, 56122 Pisa, Italy

<sup>c</sup> Institute of Clinical Physiology, National Research Council, Via Moruzzi 1, 56124 Pisa, Italy

\*Corresponding Author

Address: Research Centre "E. Piaggio", University of Pisa, Largo Lucio Lazzarino 1, 56122 Pisa, Italy

Tel: +39 050 2217056

Fax: +39 050 2217051

E-mail: [giorgio.mattei@centropiaggio.unipi.it](mailto:giorgio.mattei@centropiaggio.unipi.it)

**Keywords:** Viscoelastic Models, Dynamic Mechanical Analysis, Strain Rate, Liver, Soft Tissues

**Word count:** 3439 words

Download English Version:

<https://daneshyari.com/en/article/10431839>

Download Persian Version:

<https://daneshyari.com/article/10431839>

[Daneshyari.com](https://daneshyari.com)