

Journal of Medical Imaging

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Daniel Claus, Marijo Mlikota, Jonathan Geibel, Thomas Reichenbach, Giancarlo Pedrini, Johannes Mischinger, Siegfried Schmauder, Wolfgang Osten, "Large-field-of-view optical elastography using digital image correlation for biological soft tissue investigation (erratum)," *J. Med. Imag.* 4(2), 029801 (2017), doi: 10.1117/1.JMI.4.2.029801.

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[DOI: 10.1117/1.JMI.4.2.029801]

This article [*J. Med. Imag.* 4(1), 014505 (2017)] was originally published with the captions for Figs. 8 and 9 transposed. The captions and figures below are correctly matched.

This article was corrected online on 23 May 2017.

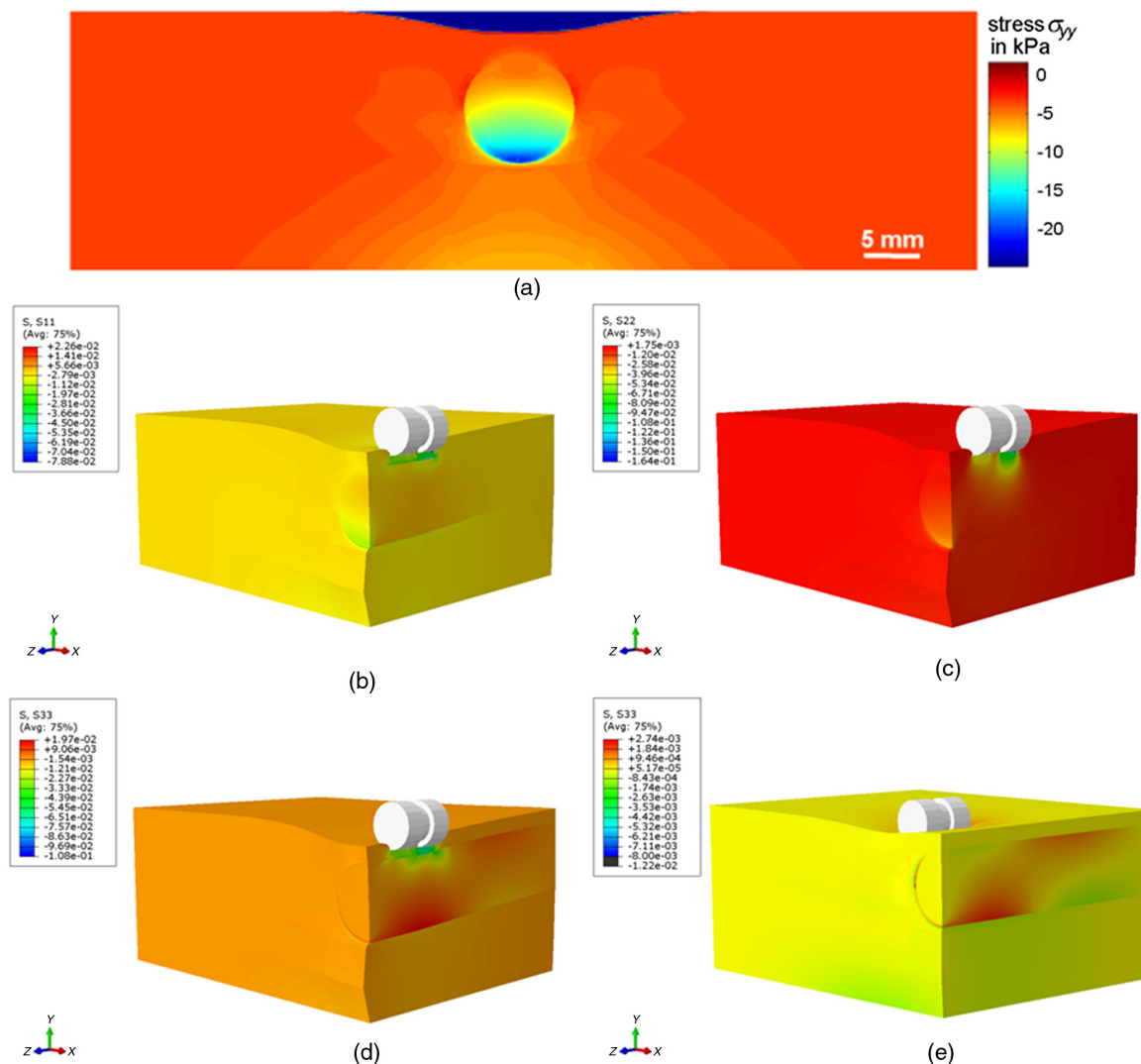


Fig. 8 Stress distributions obtained using the hyperelastic Arruda–Boyce model for Abaqus (a) σ_{xx} at the front surface, (b, c, d) 3-D stress distribution along (b) the x -direction σ_{xx} , (c) y -direction σ_{yy} , (d) and z -direction σ_{zz} with indenter positioned on top of inhomogeneity, (e) 3-D stress distribution along z -direction σ_{zz} with indenter positioned in 10 mm distance to inhomogeneity.

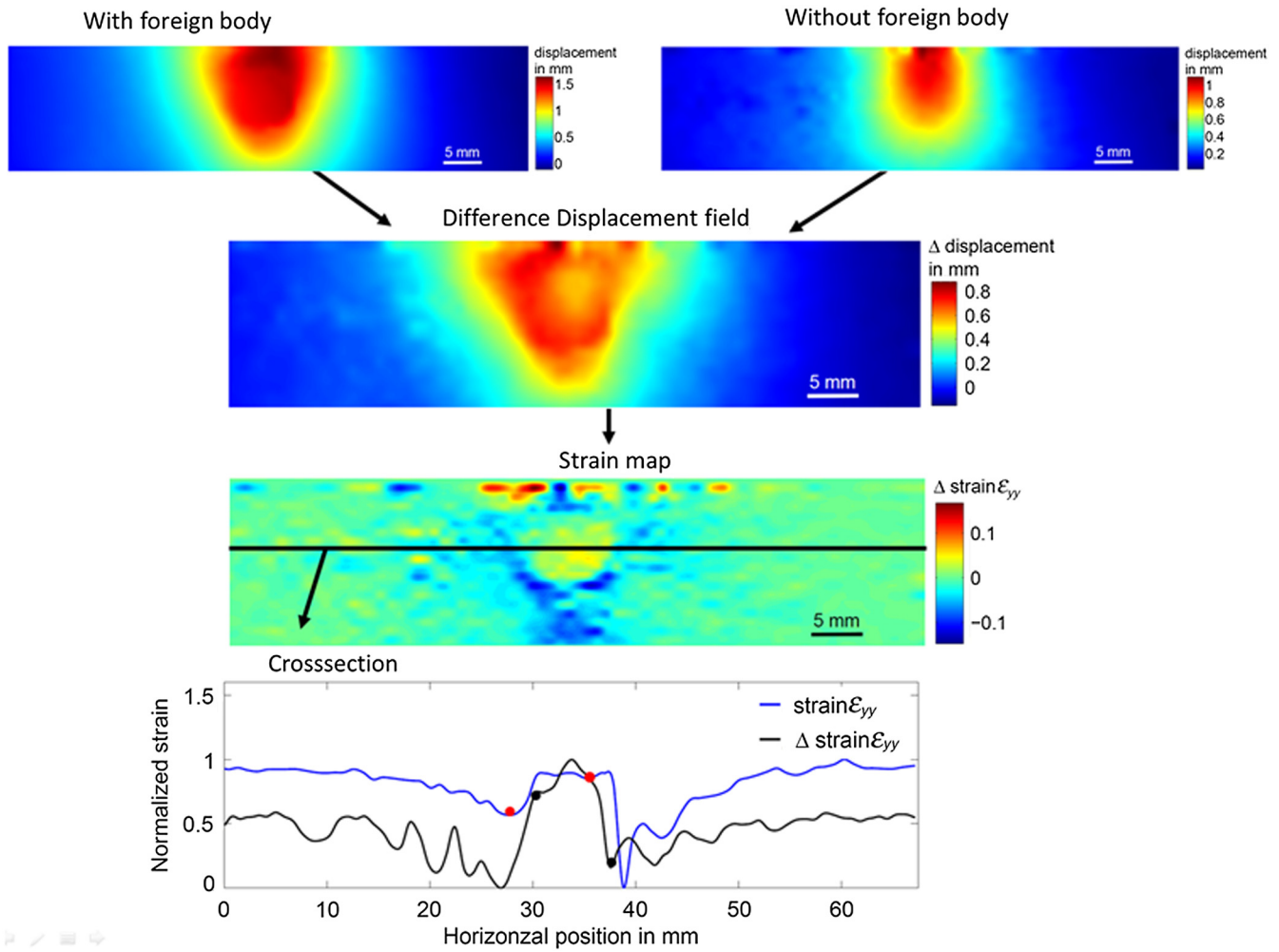


Fig. 9 Flow chart and results for obtained displacements fields with and without foreign body, the resulting difference displacement field, the calculate strain field, and corresponding cross-section plot, which compares the difference approach strain field with the conventional results shown in Fig. 7(b).