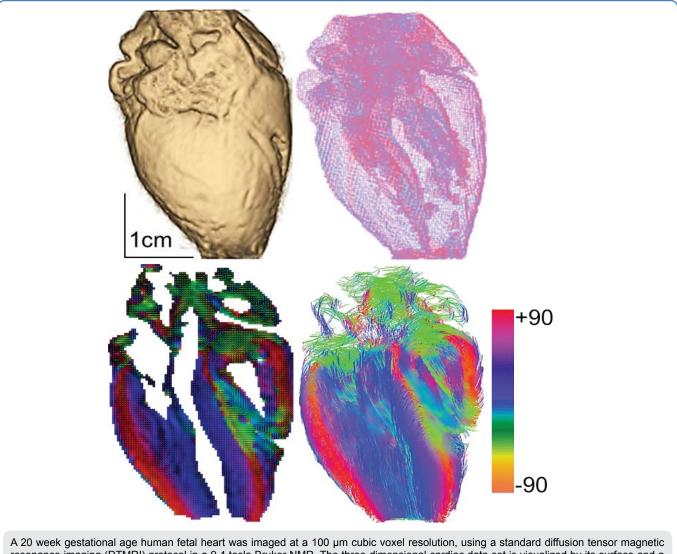


## **Clinical Medical Image Library**

Image 2:024

Magnetic Resonance Images of the Structure and Tissue Organization of a Fetal Heart



resonance imaging (DTMRI) protocol in a 9.4 tesla Bruker NMR. The three-dimensional cardiac data set is visualized by its surface and a transparent wireframe (top panel). Bottom panel presents a long axis slice through the heart, where the local average myocyte orientation is visualized by a two-dimensional color map of the fibre helix angle, illustrating the smooth transmural change in fibre orientation, and by a cut through the 3D projection of the streamlines of the orientation vector field. Images were produced using open-source packages Para View (http://www.paraview.org/) and DSI Studio (http://dsi-studio.labsolver.org/).

## Information

## Eleftheria Pervolaraki<sup>1</sup>\*, Richard A Anderson<sup>2</sup>, Alan P Benson<sup>1</sup> and Arun V Holden<sup>1</sup>

<sup>1</sup>School of Biomedical Sciences, University of Leeds, UK

<sup>2</sup>MRC Centre for Reproductive Health, University of Edinburgh, UK

\*Correspondence: Eleftheria Pervolaraki, School of Biomedical Sciences, University of Leeds, Leeds, LS2 9JT, UK, Email: fbsepe@leeds.ac.uk **Citation:** Pervolaraki E, Anderson RA, Benson AP, Holden AV (2016) Magnetic Resonance Images of the Structure and Tissue Organization of a Fetal Heart. Clin Med Img Lib 2:024 **Published:** January 25, 2016

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