

**Associate Professor Karen Knapp BSc (Hons), PCAP, PgC, PhD, SFHEA**

Medical Imaging

University of Exeter

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# Education

Jan 2014-Mar2015 Postgraduate Certificate in DXA reporting for Clinicians, Derby University

Oct 2004 – Jul 2005 Postgraduate Certificate in Academic Practice, University of Exeter

Oct 1997- May 2002 PhD in Radiological Sciences. An Evaluation of Quantitative Ultrasound Measurements at Multiple Sites for Clinical and Genetic Studies of Osteoporosis, GKT School of Medicine, Kings College London.

Sep 1992- Jul 1995 Canterbury Christ Church College

 BSc (HONS) Diagnostic Radiography 2(I)

**Professional registration**

 HCPC registered diagnostic radiographer (RA35166)

## Employment

Aug 14 – present Associate Professor in Musculoskeletal Imaging and Head of Medical Imaging, University of Exeter Medical School, University of Exeter

Feb 2021 – present InHealth - DXA reporting radiographer for Dorset County Hospital

## Grants and Funding

In excess of £1.3M in funding as a principal and co-investigator

**PhD student supervision**

*Completed PhD students – 9 (6 as primary supervisor); Completed DClinRes students – 1; Current PhD students – 8 (8 as primary supervisor)*

### Publications

# 63 papers and over 100 conference presentations. 32 invited conference presentations, 7 book chapters, edited one book – Carvers’ Medical Imaging, 2021.

Alqahtani S, Wellbourn R, Meakin JR, Palfrey R, Rimes S, Thomson K, **Knapp K.** Increased radiation dose and projected radiation-related lifetime cancer risk in patients with obesity due to projection radiography. Journal of Radiological Protection 2019;39:38-53.

Stiles VH, Metcalf B, **Knapp K**, Rowlands A. A small amount of precisely measured high intensity habitual physical activity predicts bone health in pre- and post-menopausal women in UK Biobank. Int J Epidemiol. 2017 Dec 1;46(6):1847-1856. doi: 10.1093/ije/dyx080.

Reyes-Aldasoro C, Ngan KH, Ananda A, d’Avila Garcez A, Appelboam A, **Knapp K M**. Geometric semi-automatic analysis of radiographs of Colles’ fractures. PlosOne 2020 September 14, 2020. https://doi.org/10.1371/journal.pone.0238926