

NHS MRI PHYSICS GROUP PUBLICATION LIST: DEC 2020

1. Psoriatic arthritis is associated with adverse body composition predictive of greater coronary heart disease and type 2 diabetes propensity—a cross-sectional study
Ferguson, L. D., Linge, J., Dahlqvist Leinhard, O., Woodward, R., **Hall Barrientos, P.**, Roditi, G., ... & Sattar, N. *Rheumatology*. (2020).
2. Consensus-Based Technical Recommendations for Clinical Translation of Renal Phase Contrast MRI
de Boer, A., Villa, G., Bane, O., Bock, M., Cox, E. F., Dekkers, I. A., ... & **Hall, M. E.** *Journal of Magnetic Resonance Imaging*. (2020).
3. Ferumoxytol MR Angiography versus duplex US for vascular mapping before arteriovenous fistula surgery for hemodialysis.
Stoumpos, S., Tan, A., **Hall Barrientos, P.**, Stevenson, K., Thomson, P. C., Kasthuri, R., ... & Mark, P. B. *Radiology*, 297(1), 214-222. (2020).
4. Ferumoxytol MR Angiography: A Novel Technique for Assessing Iliac Vasculature in Potential Kidney Transplant Recipients.
Stoumpos, S., **Hall Barrientos, P.**, Black, D. H., Stevenson, K., Hennessy, M., Vesey, A. T., ... & Roditi, G. *JACC: Cardiovascular Imaging*, 13(8), 1847-1848. (2020).
5. A comparison between MRI and CT in the assessment of primary tumour volume in mesothelioma
Selina Tsim, Gordon W Cowell, Andrew Kidd, Rosemary Woodward, Laura Alexander, Caroline Kelly, **John E Foster**, Kevin G Blyth
Lung Cancer 2020 Oct 1;150:12-20. doi: 10.1016/j.lungcan.2020.09.025.
- 6: Understanding longitudinal bi-ventricular structural and functional changes in a Pulmonary Hypertension Sugen-Hypoxia rat model by Cardiac Magnetic Resonance Imaging.
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- 7: The role of appetite-related hormones, adaptive thermogenesis, perceived hunger and stress in long-term weight-loss maintenance: a mixed-methods study.
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- 9: Quantitative histopathologic assessment of perfusion MRI as a marker of glioblastoma cell infiltration in and beyond the peritumoral edema region.
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- 10: A characterization of ABL-101 as a potential tracer for clinical fluorine-19 MRI
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11: Pre-EDIT: A randomised feasibility trial of Elastance-Directed Intrapleural catheter or Talc Pleurodesis (EDIT) in Malignant Pleural Effusion

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