# CURRICULUM VITAE

Name: Lee, Elaine Yuen Phin

**Academic Qualifications**
2008 FRCR (UK), Fellow of the Royal College of Radiologists, UK
2005 MRCP (UK), Member of the Royal College of Physicians, London
2002 BMBS (Nottingham, UK), University of Nottingham, UK
2000 BMedSci (Nottingham, UK), University of Nottingham, UK

**Present Academic Position**
Clinical Assistant Professor, Department of Diagnostic Radiology

**Previous Relevant Research Work**

- Non-Gaussian DWI models and MRI texture analysis in pelvic applications
- Optimisation of non-Gaussian DWI in female pelvic imaging
- High-resolution DWI in female pelvic imaging
- Functional tumour burden in metastastic ovarian cancer
- Application of IVIM diffusional MRI in the assessment of cervical cancer
- Functional imaging biomarkers in evaluation of peritoneal metastasis

**Publications**
**Section A** (*Corresponding author)

1. Wang M, Perucho JAU, Chan Q, Sun J, Ip P, Tse KY, **Lee EYP***. Diffusion Kurtosis Imaging in the Assessment of Cervical Carcinoma. Acad Radiol. 2019 Jul 16. pii: S1076-6332(19)30328-9.
2. **Lee EY*,** Perucho JA, Vardhanabhuti V, He J, Siu SW, Ngu SF, Mayr NA, Yuh WT, Chan Q, Khong PL. Intravoxel incoherent motion MRI assessment of chemoradiation-induced pelvic bone marrow changes in cervical cancer and correlation with hematological toxicity. J Magn Reson Imaging 2017 Nov; 46(5):1491-1498.
3. Becker AS, Perucho JA, Wurnig MC, Boss A, Ghafoor S, Khong PL, **Lee EYP**. Assessment of Cervical Cancer with a Parameter-Free Intravoxel Incoherent Motion Imaging Algorithm. Korean J Radiol. 2017 May-Jun;18(3):510-518.
4. **Lee EY***, Hui ES, Chan KK, Tse KY, Kwong WK, Chang TY, Chan Q, Khong PL. Relationship between intravoxel incoherent motion diffusion-weighted MRI and dynamic contrast-enhanced MRI in tissue perfusion of cervical cancers. J Magn Reson Imaging 2015 Aug; 42(2): 454-9
5. **Lee EY***, Yu X, Chu MM, Ngan HY, Siu SW, Soong IS, Chan Q, Khong PL. Perfusion and diffusion characteristics of cervical cancer based on intravoxel incoherent motion MR imaging-a pilot study. Eur Radiol 2014 Jul; 24(7): 1506-13

**Section B**

6. An H, Ma XD, Pan ZY, Guo H, **Lee EYP***. Qualitative and quantitative comparison of image quality between single-shot echo-planar and interleaved multi-shot echo-planar diffusion-weighted imaging in female pelvis. Eur Radiol. In-press.

7. Lai AYT, Perucho JAU, Xu X, Hui ES, **Lee EYP***. Concordance of FDG PET/CT metabolic tumour volume versus DW-MRI functional tumour volume with T2-weighted anatomical tumour volume in cervical cancer. BMC Cancer. 2017 Dec 6;17(1):825.
8. Becker AS, Ghafoor S, Marcon M, Perucho JA, Wurnig MC, Wagner MW, Khong PL, **Lee EY**, Boss A. MRI texture features may predict differentiation and nodal stage of cervical cancer: a pilot study. Acta Radiol Open. 2017 Oct 17;6(10):2058460117729574.
9. Yu X, **Lee EY***, Lai V, Chan Q. Correlation between tissue metabolism and cellularity assessed by standardized uptake value and apparent diffusion coefficient in peritoneal metastasis. J Magn Reson Imaging 2014 Jul; 40(1): 99-105.
10. **Lee EY***, Khong PL, Tse KY, Chan KK, Chu MM, Ngan HY. Differentiation of aggressive and indolent subtypes of uterine sarcoma using maximum standardized uptake value. Nucl Med Commun 2013 Dec; 34(12): 1185-9.

**Others**

**Book Chapter**

Lee EYP and Khong PL. Chapter 15: Clinical Application of IVIM in the Female Pelvis, p291-316. In Intravoxel Incoherent Motion (IVIM) MRI: Principles and Applications. Edited by Denis Le Bihan, Mami Iima, Christian Federau, Eric E. Sigmund. Published by Pan Stanford; 1 edition (November 5, 2018).

**International and Regional Research Collaborations**

- University of Zurich, Switzerland
- Federative Research Institute of Functional Neuroimaging and NeuroSpin, France
- University of Washington, USA
- University of Ottawa, Ontario, Canada
- Tsinghua University, Beijing, China
- Peking Union Medical College Hospital, Beijing, China
- Sun Yat-Sen Cancer Centre, Guangzhou, China
- Nanjing University, Nanjing, China