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Education : Doctor Medical Sciences, The Ulster University at Jordanstown, UK
Career Experience : <ol style="list-style-type: none"> 1. Radiographer, Chung-Gung Memorial Hospital, LinKou 2. Research fellow, Diagnostic Imaging Department of the Belfast Hospital, UK
Courses Taught : <ol style="list-style-type: none"> 1. Medical Imaging Theory and Technology 2. Medical Imaging Technology lab. 3. Vocational English for Radiographers 4. Medical Image Compression and Its Quality Assurance
Professional Fields : <ol style="list-style-type: none"> 1. Diagnostic Imaging Technology 2. Medical Image Compression and Its Quality Assurance
Research Interests : <ol style="list-style-type: none"> 1. Nosocomial infection via radiological imaging equipment. 2. Medical image compression and its quality evaluation. 3. Stereolithographic biomodelling fabrication and justification
Representative Publication in 5 Years : Journal : <u>2016</u> <ol style="list-style-type: none"> 1. Pan LF, Kittipayak S, Yen SL, Pan LK, Lin CH. Evaluation of the occupational X-rays dose of the medical staff in a cardiac catheterization laboratory using an acrylic phantom and semiconductor dosimeter. Hell J Nucl Med 2016 May-Aug;19(2):140-6. doi: 10.1967/s002449910368. Epub 2016 Jun 22. <u>2015</u> <ol style="list-style-type: none"> 1. 吳偉立,謝旭滿,林政勳. 胸部攝影參數改變之影像最適化研究-以胸部假體為例. 中華放射線技術學雜誌.2015;39(1):1-8. 2. Yu-Ting Tung, Cheng-Hsun Lin, Shen-Yuan Li, Tung-Kuo Huang. Workplace Violence Involving Radiographers and its Relevant Factors in Taiwan. J Radiol Sci 2015; 40: 81-87

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1. Zhonghua Sun, Chenghsun Lin Computed tomography virtual intravascular endoscopy in the visualization of cardiovascular disease: imaging appearances and clinical value. Journal of Radiology and Diagnostic Imaging. 2013, 1:19-28.

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1. Zhonghua Sun, Chenghsun Lin , YeuSheng Tyan , Kwan-Hoong Ng Optimization of chest radiographic imaging parameters: A comparison of image quality and entrance skin dose for digital chest radiography systems. J.Cli.Imaging 2012; 36:279-286
2. 黃美蘭,林政勳,吳杰,黃文娟,么煥中,曾文盛. 利用乳房磁振造影與乳房X光影像評估非均質乳房組織的乳腺劑量值.中華放射線技術學雜誌.2012;36(4):193-200.

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2. Chia-Yu Ken, ChengHsun Lin Objective Structured Clinical Examination (OSCE) in Radiological Technology: An Assessment of the Performance in Diagnostic Ultrasound Technology. Chinese Journal of Radiologic Technology 2011; 35(2): 1-8

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1. ChiungHui Chen, YouCheng Lin, ChengHsun Lin. Image Quality Evaluation on Compressed MR Image by Using Objective and Mathematical Methods. CJ Radiologic Tech 2010 34(4):221-227.

Conference

2016

1. 黃世叡 林政勳 腦部電腦斷層壓縮及其影像品質保證.中華民國醫事放射學會第49次年會暨國際醫學影像學術研討會.中華民國105年3月27日,台中,台灣.
2. 李藥垣 林政勳 冠狀動脈夾角與斑塊的初步研究.中華民國醫事放射學會

第49次年會暨國際醫學影像學術研討會. 中華民國105年3月27日, 台中, 台灣.

2015

1. Nguyen Hoang Vu, **ChengHsun Lin**. Dose reduction in direct digital chest radiography using additional aluminum filters. The 48th annual meeting of TWSRT and 22nd East Asia Conference of Radiological Technologists. 29 Mar 2015 Taipei, Taiwan
2. ChienMing Chu, TzuTing Huang, ChiaChen Liang, ZongMing Yang, **ChengHsun Lin**. The fabrication and verification of multiple purpose of teaching apparatus for X-ray projection radiography theory. The 48th annual meeting of TWSRT and 22nd East Asia Conference of Radiological Technologists. 29 Mar 2015 Taipei, Taiwan
3. Samrit Kittipayak ShihJyun Liu, PaiJung Chang, LungKwang Pan, **ChengHsun Lin**. The evaluation of biokinetic model for healthy patients' undergone NaF-18 PET/CT scan via MATLAB analysis. The 48th annual meeting of TWSRT and 22nd East Asia Conference of Radiological Technologists. 29 Mar 2015 Taipei, Taiwan

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1. TingWan Hsu, **ChengHsun Lin**, ShenYuan Lee. The degree of degradation breast density on interval mammography. The 21st East Asia Conference of Radiological Technologists. 19-21 Sep 2014. Oita Japan
2. YuTing Tung, **ChengHsun Lin**, ShenYuan Lee. Workplace violence involving radiographers and its relevant factors. The 21st East Asia Conference of Radiological Technologists. 19-21 Sep 2014. Oita Japan

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1. Lin Chao-Ching , Wu Chih-Chun , Chiu Feng-Tsun , Liu Wei-Hsien , Hu Ching-Yun, **Lin Cheng-Hsun**. Is Radiology Department a Source of Nosocomial Infection site? 2013KRTA Annual Meeting & 20th EACRT. 9-10.May, 2013, Busan , Korea.
2. Samrit Kittipayak, **Stenver Lin**, Pan Lung-Kwan, Sun ZhongHua. The optimization of the SPECT image quality via Taguchi method. The 19th AACRT.16-18 January, 2013. ChiangMai, Thailand.
3. **Lin ChengHsun**. Chest radiography dose reduction via image manipulation. 27th MSRC, 14-16 Sep, 2012. Kuching Sarawak, Malaysia.

2011

1. Hui-Chen Wu, **Cheng-Hsun Lin**, Wu-Ta Huang, Chn-Yen Shiu, Fei-Shish Yang. Tungsten target for dose reduction in digital mammography. The 18th East Asia Conference of Radiological Technologists. 16-19 Sep 2011. Aomori

Japan

2. Lin ChengHsun The Radiographers educational system in Taiwan. 6-19 Sep 2011. Aomori Japan
3. HJ Chiang **CH Lin** The acoustic speed measurement of new sonographic phantoms. The 18th East Asia Conference of Radiological Technologists. 16-19 Sep 2011. Aomori Japan
4. WeiLun Hsue, **ChengHsun Lin**. The evaluation of mammographic with RPLGD by mailing delivery. The 18 Asia and Australasia Conference of Radiological Technologists. 25-27 March, 2011 Kaohsiung, Taiwan
5. HuiChen Wu, **ChengHsun Lin**, ChunYuan Du, WuDar Huang, FeiShish Yang. Dose reduction in digital mammography: Molybdenum versus Tungsten. The 18 Asia and Australasia Conference of Radiological Technologists. 25-27 March, 2011 Kaohsiung, Taiwan

2010

1. **Lin ChengHsun**, Lu Jin Yuan, Jhuang Jia Huei. Image processing for chest radiograph-a chest phantom study. The 18th East Asia Conference of Radiological Technologists. 2-4 Jul 2010. Tokyo, Japan

Patent

1. 2012 3D remodelling for Computed Tomography
2. 2013 Imaging plate support for radiography
3. 2014 3D structure for X-ray projection radiography
4. 2015 Mobile phone radiation protective device