

Papworth Publications - September 2022

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Anaesthesia and Critical Care

Bushra, R., S. Shahjahan, et al. (2022). "Audit on Effectiveness of Theatre Handover to the Critical Care Team." *British Journal of Surgery* **109**(Supplement 6): vi18. DOI: <https://dx.doi.org/10.1093/bjs/znac269.005> .

Green, L., K. Brohi, et al. (2022). "UK audit of the management of major bleeding and time taken to deliver blood products." *Br J Anaesth*. DOI: <https://dx.doi.org/10.1016/j.bja.2022.07.036>.

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Anaesthesia and Critical Care continued

Lattimer, J. and A. Eden (2022). "A case study reflecting on the physiotherapy input with a patient who received extracorporeal membrane oxygenation (ECMO) support following COVID-19." Journal of the Intensive Care Society **23**(1 Supplement): 145 EP - 146. DOI: <https://dx.doi.org/10.1177/17511437221095122>.

Miller, A., M. Peck, et al. (2022). "FUSIC HD. Comprehensive haemodynamic assessment with ultrasound." J Intensive Care Soc **23**(3): 325-333. DOI: <https://dx.doi.org/10.1177/17511437211010032>.

Page, A. (2022). "Chelsea Critical Care Physical Assessment scores and tracheostomy weaning in cardiothoracic critically ill patients: A retrospective observational study." Journal of the Intensive Care Society **23**(1 Supplement): 148 EP - 149. DOI: <https://dx.doi.org/10.1177/17511437221095122>.

Cardiology & Cardiovascular Medicine

Araki, M., S. J. Park, et al. (2022). "Optical coherence tomography in coronary atherosclerosis assessment and intervention." Nat Rev Cardiol **19**(10): 684-703. DOI: <https://dx.doi.org/10.1038/s41569-022-00687-9>.

Elkammash, A., M. Abdelhamid, et al. (2022). "The Association Between Admission Heart Failure and In-Hospital Outcomes in ST-Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention." Cardiol Res **13**(4): 236-241. DOI: <https://dx.doi.org/10.14740/cr1414>.

Giblett, J. P., A. Matetic, et al. (2022). "Post-infarction ventricular septal defect: percutaneous or surgical management in the UK national registry." Eur Heart J. DOI: <https://dx.doi.org/10.1093/eurheartj/ehac511>.

Nantha Kumar, N., K. Nyatsuro, et al. (2022). "Systematic review of renal denervation for the management of cardiac arrhythmias." Clin Res Cardiol **111**(9): 971-993. DOI: <https://dx.doi.org/10.1007/s00392-021-01950-8>.

Weir-McCall, J. R., M. C. Williams, et al. (2022). "One step closer to quantifying 'clinical likelihood' in pre-test probability." Eur Heart J Qual Care Clin Outcomes **8**(6): 597-599. DOI: <https://dx.doi.org/10.1093/ehjqcco/qcac039>.

COVID-19

Conway Morris, A., K. Sharrocks, et al. (2022). "The Removal of Airborne Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Other Microbial Bioaerosols by Air Filtration on Coronavirus Disease 2019 (COVID-19) Surge Units." Clin Infect Dis **75**(1): e97-e101. DOI: <https://dx.doi.org/10.1093/cid/ciab933>.

Eden, A. and J. Lattimer (2022). "Case study of a long term ICU patient requiring ECMO following COVID-19 related respiratory failure." Journal of the Intensive Care Society **23**(1 Supplement): 143 EP - 144. DOI: <https://dx.doi.org/10.1177/17511437221095122>.

Lukk, D. and C. May (2022). "Meeting nutritional requirements in critically-ill patients with COVID-19: Does the patient's position really matter?" Journal of the Intensive Care Society **23**(1 Supplement): 111 EP - 112. DOI: <https://dx.doi.org/10.1177/17511437221095122>.

Martin, A. (2022). "The use of the Passy Muir Valve with COVID-19 Venovenous Extra Corporeal Membrane Oxygenation patients; a case series." Journal of the Intensive Care Society **23**(1 Supplement): 173. DOI: <https://dx.doi.org/10.1177/17511437221095122>.

Imaging

Weir-McCall, J. R., E. Debruyne, et al. (2022). "Diagnostic Accuracy of a Convolutional Neural Network Assessment of Solitary Pulmonary Nodules Compared With PET With CT Imaging and Dynamic Contrast-Enhanced CT Imaging Using Unenhanced and Contrast-Enhanced CT Imaging." Chest. DOI: <https://dx.doi.org/10.1016/j.chest.2022.08.2227>.

Weir-McCall, J. R., M. J. Sarnak, et al. (2022). "The challenge of cardiovascular risk assessment in Chronic Kidney Disease; is there a role for CTA and FFRCT?" J Cardiovasc Comput Tomogr **16**(5): 452-453. DOI: <https://dx.doi.org/10.1016/j.jcct.2022.05.007>.

Williams, M. C., J. Weir-McCall, et al. (2022). "Radiologist opinions regarding reporting incidental coronary and cardiac calcification on thoracic CT." BJR Open **4**(1): 20210057. DOI: <https://dx.doi.org/10.1259/bjro.20210057>.

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Microbiology

Boeck, L., S. Burbaud, et al. (2022). "Mycobacterium abscessus pathogenesis identified by phenogenomic analyses." Nat Microbiol **7**(9): 1431-1441. DOI: <https://dx.doi.org/10.1038/s41564-022-01204-x>.

Cano Muniz, S. E., A. Hagting, et al. (2022). "Ionic control of porin permeability in bacteria." bioRxiv. DOI: <https://dx.doi.org/10.1101/2022.07.13.499887>.

Ruis, C., A. Weimann, et al. (2022). "Mutational spectra analysis reveals bacterial niche and transmission routes." bioRxiv. DOI: <https://dx.doi.org/10.1101/2022.07.13.499881>.

Respiratory Medicine

Bushra, R. (2022). "A Rare Case of Catamenial Pneumothorax (CP) in a Middle-Aged Patient with Liver Herniation." British Journal of Surgery **109**(Supplement 6): vi46. DOI: <https://dx.doi.org/10.1093/bjs/znac269.124>.

Gow, A., C. Chery-Downes, et al. (2022). "Whole lung lavage using high frequency chest wall oscillation in the treatment of pulmonary alveolar proteinosis." Journal of the Intensive Care Society **23**(1 Supplement): 126 EP - 127. DOI: <https://dx.doi.org/10.1177/17511437221095122>.

Majeed, R. W., M. R. Wilkins, et al. (2022). "Pulmonary Vascular Research Institute GoDeep: A meta-registry merging deep phenotyping data from international PH reference centers." Pulm Circ **12**(3): e12123. DOI: <https://dx.doi.org/10.1002/pul2.12123>.

O'Neill, K., G. R. Lakshmiopathy, et al. (2022). "Multiple-Breath Washout Outcome Measures in Adults with Bronchiectasis." Ann Am Thorac Soc **19**(9): 1489-1497. DOI: <https://dx.doi.org/10.1513/AnnalsATS.202006-584OC>.

Sports Medicine

Tytherleigh-Strong, G., S. Sabharwal, et al. (2022). "Clinical Outcomes and Return to Sports After Open Reduction and Hamstring Tendon Autograft Reconstruction in Patients With Acute Traumatic First-Time Posterior Dislocation of the Sternoclavicular Joint." Am J Sports Med: 3635465221124267. DOI: <https://dx.doi.org/10.1177/03635465221124267>.

Surgery

Aresu, G., J. Dunning, et al. (2022). "Preclinical evaluation of Versius, an innovative device for use in robot-assisted thoracic surgery." Eur J Cardiothorac Surg **62**(3). DOI: <https://dx.doi.org/10.1093/ejcts/ezac178>.

Bushra, R., M. Nizami, et al. (2022). "Uniportal Non-Intubated Subxiphoid VATS Thymectomy Compared to Uniportal Intubated Subxiphoid VATS Thymectomy: The Technical Feasibility, Safety, Level of Post-Operative Pain, and Adequacy of Oncological Resection." British Journal of Surgery **109**(Supplement 6): vi41. DOI: <https://dx.doi.org/10.1093/bjs/znac269.099>.

Falter, F., A. A. Singh, et al. (2022). "Re: Protamine in Carotid Surgery: The Advantages Outweigh the Disadvantages." Eur J Vasc Endovasc Surg **64**(1): 136-137. DOI: <https://dx.doi.org/10.1016/j.ejvs.2022.05.023>.

Nashef, S. A. M. (2022). "The liver, cardiac surgery and EuroSCORE." Eur J Cardiothorac Surg **62**(3). DOI: <https://dx.doi.org/10.1093/ejcts/ezac175>.

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Transplantation

Alaerts, E., C. Dreesen, et al. (2020). "Variability in practice patterns regarding protective isolation measures after heart transplantation: A secondary analysis of the international BRIGHT study." American Journal of Infection Control **48**(7): 786 EP - 790. DOI: <https://dx.doi.org/10.1016/j.ajic.2019.11.012>.

Cernic, S., A. Page, et al. (2022). "Lactate during ex-situ heart perfusion does not predict the requirement for mechanical circulatory support following donation after circulatory death (DCD) heart transplants." J Heart Lung Transplant **41**(9): 1294-1302. DOI: <https://dx.doi.org/10.1016/j.healun.2022.02.003>.

Patterson, C. M., A. Shah, et al. (2022). "Extracorporeal life support as a bridge to lung transplantation: Where are we now?" J Heart Lung Transplant. DOI: <https://dx.doi.org/10.1016/j.healun.2022.06.004>.

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