

Papworth Publications - December 2021

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Welcome to our newly improved current awareness bulletin showcasing publications from Royal Papworth authors over the last month.

Cardiology

Abraham, G. R., S. P. Hoole, et al. (2021). "Transmyocardial extraction of endothelin-1 correlates with increased microvascular resistance following percutaneous coronary intervention." European Heart Journal **42**: 1080.
https://heart.bmj.com/content/107/Suppl_1/A32.1

Aetesam-Ur-Rahman, M., T. Zhao, et al. (2021). "Whole cycle non-hyperaemic pressure ratios have better stability than diastolic ratios after percutaneous coronary intervention due to changes in diastolic coronary haemodynamics." European Heart Journal **42**: 2093.
<https://academic.oup.com/eurheartj/article-lookup/doi/10.1093/eurheartj/ehab724.2093>

Cowie, M. R., A. Flett, et al. (2021). "Real-world evidence in a national health service: results of the UK CardioMEMS HF System Post-Market Study." ESC Heart Fail. <https://www.ncbi.nlm.nih.gov/pubmed/34882989>

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Cardiology

Cardiology continued

- Frontera, A., L. R. Limite, et al. (2021). "Electrogram fractionation during sinus rhythm occurs in normal voltage atrial tissue in patients with atrial fibrillation." *Pacing Clin Electrophysiol*. <https://www.ncbi.nlm.nih.gov/pubmed/34919281>
- Robertson, L., Oates, Katrina, et al. (2021). "The association of six-minute walk work and other clinical measures to cardiopulmonary exercise test parameters in pulmonary vascular disease." *Pulm Circ* 11(4): 20458940211059055.
<https://www.ncbi.nlm.nih.gov/pubmed/34917334>
- Sharples, L., P. Sastry, et al. (2021). "Aneurysm growth, survival, and quality of life in untreated thoracic aortic aneurysms: the effective treatments for thoracic aortic aneurysms study." *Eur Heart J*. <https://www.ncbi.nlm.nih.gov/pubmed/34849716>



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Cardiothoracic Surgery

- Ahmadi, N., S. Preston, et al. (2021). "Unexpected pathological findings in 189 LVRS patients: Clinical relevance." *British Journal of Surgery* 108.
https://academic.oup.com/bjs/article/108/Supplement_6/zna259.243/6389047
- Benedetto, U., S. Sinha, et al. (2021). "Decade-long trends in surgery for acute type a aortic dissection." *British Journal of Surgery* 108.
https://academic.oup.com/bjs/article/108/Supplement_6/zna259.261/6389188

COVID-19

- Castillo-Olivares, J., D. A. Wells, et al. (2021). "Analysis of Serological Biomarkers of SARS-CoV-2 Infection in Convalescent Samples From Severe, Moderate and Mild COVID-19 Cases." Front Immunol **12**: 748291. <https://www.ncbi.nlm.nih.gov/pubmed/34867975>
- Collaborative, S. T. and C. O. Collaborative (2021). "Death following pulmonary complications of surgery before and during the SARS-CoV-2 pandemic." Br J Surg **108**(12): 1448-1464. <https://www.ncbi.nlm.nih.gov/pubmed/34871379>
- COVIDSurg Collaborative (2020). "Delaying surgery for patients with a previous SARS-CoV-2 infection." Br J Surg **107**(12): e601-e602. <https://www.ncbi.nlm.nih.gov/pubmed/32974904>
- COVIDSurg Collaborative (2021). "Effect of COVID-19 pandemic lockdowns on planned cancer surgery for 15 tumour types in 61 countries: an international, prospective, cohort study." Lancet Oncol **22**(11): 1507-1517. <https://www.ncbi.nlm.nih.gov/pubmed/34624250>
- COVIDSurg Collaborative and GlobalSurg, C. (2021). "Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study." Anaesthesia **76**(11): 1454-1464. <https://www.ncbi.nlm.nih.gov/pubmed/34371522>
- COVIDSurg Collaborative and GlobalSurg, C. (2021). "SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study." Br J Surg **108**(9): 1056-1063. <https://www.ncbi.nlm.nih.gov/pubmed/33761533>
- COVIDSurg Collaborative and GlobalSurg, C. (2021). "Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study." Anaesthesia **76**(6): 748-758. <https://www.ncbi.nlm.nih.gov/pubmed/33690889>

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COVID-19

COVID-19 continued

Gannon, J.-A. Fowles, et al. (2021). "Prevalence of skin injuries in COVID-19 patients in a specialist UK respiratory Intensive Care Unit." *Wounds UK* **17**(4): 56-66. <https://www.wounds-uk.com/journals/issue/653/article-details/prevalence-skin-injuries-covid-19-patients-specialist-uk-respiratory-intensive-care-unit>

Kemp, S. A., D. A. Collier, et al. (2021). "SARS-CoV-2 evolution during treatment of chronic infection." *Nature* **592**(7853): 277-282. <https://pubmed.ncbi.nlm.nih.gov/33545711/>

Williams, T. L., G. Strachan, et al. (2021). "Differential expression in humans of the viral entry receptor ACE2 compared with the short deltaACE2 isoform lacking SARS-CoV-2 binding sites." *Sci Rep* **11**(1): 24336. <https://www.ncbi.nlm.nih.gov/pubmed/34934117>

Neurology

Tiet, M. Y., S. Nannoni, et al. (2021). "White Matter Hyperintensities and Cerebral Microbleeds in Ataxia-Telangiectasia." *Neurol Genet* **7**(6): e640. <https://www.ncbi.nlm.nih.gov/pubmed/34859152>

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Oncology

Glasbey, J. C., D. Nepogodiev, et al. (2021). "Elective Cancer Surgery in COVID-19-Free Surgical Pathways During the SARS-CoV-2 Pandemic: An International, Multicenter, Comparative Cohort Study." J Clin Oncol **39**(1): 66-78.

<https://www.ncbi.nlm.nih.gov/pubmed/33021869>

Radiology

Gilbert, F. J., S. Harris, et al. (2021). "Comparative accuracy and cost-effectiveness of dynamic contrast-enhanced CT and positron emission tomography in the characterisation of solitary pulmonary nodules." Thorax.

<https://www.ncbi.nlm.nih.gov/pubmed/34887348>

Jha, A. and J. M. Ali (2021). "Bronchopleural fistula and tension pneumothorax after pneumonectomy." J R Coll Physicians Edinb **51**(4): 386-388. <https://www.ncbi.nlm.nih.gov/pubmed/34882142>

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Respiratory Medicine

Kariotis, S., E. Jammeh, et al. (2021). "Biological heterogeneity in idiopathic pulmonary arterial hypertension identified through unsupervised transcriptomic profiling of whole blood." Nat Commun **12**(1): 7104.

<https://www.ncbi.nlm.nih.gov/pubmed/34876579>

Transplantation

Nachum, E. R., J. Hogan, et al. (2021). "Adult heart procurement following circulatory determined death from a donor on venous-venous extracorporeal membrane oxygenation: A case report." Perfusion: 2676591211055305.

<https://www.ncbi.nlm.nih.gov/pubmed/34905995>

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