

Papworth Publications - October 2021

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Anaesthesia and Critical Care

Lewis, R., A. Vuylsteke, et al. (2021). "End of life care and withdrawal in ECMO: A National survey exploring preferences and practices within the UK." [Intensive Care Medicine Experimental](#) **9**.
<https://pubmed.ncbi.nlm.nih.gov/34633571/>

Mostafa, A. M. H. A. M., C. J. Tuttle, et al. (2021). "Long-term health-related quality of life in patients undergoing ECMO for Acute Respiratory Distress Syndrome." [Intensive Care Medicine Experimental](#) **9**.
<https://europepmc.org/article/MED/34633565?singleResult=true>



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Cardiology

- Bambrough, P., M. Peverelli, et al. (2021). "Trans-myocardial blood Interleukin-6 levels relate to intracoronary imaging defined features of plaque vulnerability and predict procedure-induced myocardial infarction." Cardiovasc Revasc Med.
<https://www.ncbi.nlm.nih.gov/pubmed/34670726>
- Banning, A. P., P. Serruys, et al. (2021). "Five-year outcomes after state-of-the-art percutaneous coronary revascularization in patients with de novo three-vessel disease: final results of the SYNTAX II study." Eur Heart J.
<https://www.ncbi.nlm.nih.gov/pubmed/34617993>
- Cromhout, P. F., L. C. Thygesen, et al. (2021). "Social and emotional factors as predictors of poor outcomes following cardiac surgery." Interact Cardiovasc Thorac Surg. <https://www.ncbi.nlm.nih.gov/pubmed/34606597>
- Efremidis, M., K. Vlachos, et al. (2021). "The RV1-V3 transition ratio: A novel electrocardiographic criterion for the differentiation of right versus left outflow tract premature ventricular complexes." Heart Rhythm O2 **2**(5): 521-528.
<https://www.ncbi.nlm.nih.gov/pubmed/34667968>
- Giblett, J. P., L. K. Williams, et al. (2021). "Percutaneous management of paravalvular leaks." Heart (British Cardiac Society).
<https://heart.bmj.com/content/early/2021/10/21/heartjnl-2021-319159>
- Gustafsson, F., B. Ben Avraham, et al. (2021). "HFA of the ESC position paper on the management of LVAD-supported patients for the non-LVAD specialist healthcare provider Part 3: at the hospital and discharge." ESC Heart Fail.
<https://www.ncbi.nlm.nih.gov/pubmed/34585525>
- McNaughton, E., E. Heatley, et al. (2021). "TCT-380 Pressure-Bound Coronary Flow Reserve Correlates With Coronary Flow Reserve by Thermodilution and Detects a Significant Proportion of Fractional Flow Reserve-Negative Patients With Coronary Microvascular Dysfunction and Misdiagnosis." Journal of the American College of Cardiology **78**(19).
<https://www.jacc.org/doi/full/10.1016/j.jacc.2021.09.1233>

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Cardiology continued

Rice, T., O. Morrish, et al. (2021). "TCT-182 Scatter Radiation Reduction Observed When Using Radial Cradle Compared With Arm Board Support During Radial Procedures by Enabling Better Deployment of Available Lead Shielding." Journal of the American College of Cardiology **78**(19). <https://www.jacc.org/doi/full/10.1016/j.jacc.2021.09.1035>

Shi, R., J. A. B. Zaman, et al. (2021). "Novel aggregated multiposition noncontact mapping of atrial tachycardia in humans: From computational modeling to clinical validation." Heart Rhythm. <https://www.ncbi.nlm.nih.gov/pubmed/34583060>

Takigawa, M., T. Kitamura, et al. (2021). "Impact of electrode size and spacing on electrograms: Optimal electrode configuration for near-field electrogram characterization." Heart rhythm. <https://pubmed.ncbi.nlm.nih.gov/34534699/>

Wall, C., Y. Huang, et al. (2021). "Pericoronary and periaortic adipose tissue density are associated with inflammatory disease activity in Takayasu arteritis and atherosclerosis." Eur Heart J Open **1**(2): oeab019. <https://www.ncbi.nlm.nih.gov/pubmed/34661196>

COVID-19

Ahmed, H., M. Osman, et al. (2021). "Stress Levels among healthcare professionals during COVID 19 crisis response in a tertiary Cardiothoracic unit." Intensive Care Medicine Experimental **9**. <https://pubmed.ncbi.nlm.nih.gov/34633571/>

Aliee, H., F. Massip, et al. (2021). "Determinants of expression of SARS-CoV-2 entry-related genes in upper and lower airways." Allergy. <https://www.ncbi.nlm.nih.gov/pubmed/34698405>

Arachchilage, D. J., I. Rajakaruna, et al. (2021). "Impact of major bleeding and thrombosis on 180-day survival in patients with severe COVID-19 supported with veno-venous extracorporeal membrane oxygenation in the United Kingdom: a multicentre observational study." Br J Haematol. <https://www.ncbi.nlm.nih.gov/pubmed/34622443>

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COVID-19 continued

- Asogan, H., N. Lin Myint, et al. (2021). "Predictors of mortality in COVID-19 patients admitted to ECMO ICU." Intensive Care Medicine Experimental **9**. <https://pubmed.ncbi.nlm.nih.gov/34633571/>
- Bravo, L., D. Nepogodiev, et al. (2021). "Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2: The COVIDSurg mortality score." British Journal of Surgery **19**(4). <https://academic.oup.com/bjs/advance-article-pdf/doi/10.1093/bjs/znab183/39149383/znab183.pdf>
- Collier, D. A., I. A. T. M. Ferreira, et al. (2021). "Age-related immune response heterogeneity to SARS-CoV-2 vaccine BNT162b2." Nature **596**(7872): 417-422. <https://pubmed.ncbi.nlm.nih.gov/34192737/>
- Marciniak, S. J., I. Smith, et al. (2021). "COVID-19 pneumothorax in the UK: A prospective observational study using the ISARIC WHO clinical characterisation protocol." European Respiratory Journal **58**(3). <https://pubmed.ncbi.nlm.nih.gov/34083401/>
- Martini, K., A. R. Larici, et al. (2021). "COVID-19 pneumonia imaging follow-up: when and how? A proposition from ESTI and ESR." Eur Radiol. <https://www.ncbi.nlm.nih.gov/pubmed/34713328>
- Vuylsteke, A. (2021). "ECMO in COVID-19: do not blame the tool." Lancet **398**(10307): 1197-1199. <https://www.ncbi.nlm.nih.gov/pubmed/34599877>
- Weir-McCall, J. R., G. Galea, et al. (2021). "Vascular Thrombosis in Severe Coronavirus Disease 2019 Requiring Extracorporeal Membrane Oxygenation: A Multicenter Study." Crit Care Med. <https://www.ncbi.nlm.nih.gov/pubmed/34582412>

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Library Services

Scott, R. J. (2021). "A best-fit solution: transforming an NHS Library and Knowledge Service in readiness for a new hospital building without a traditional library space." J Med Libr Assoc **109**(3): 483-489.

<https://www.ncbi.nlm.nih.gov/pubmed/34629979>

Radiology

Marai, I., M. Shimron, et al. (2021). "Left atrial function analysis in patients in sinus rhythm, normal left ventricular function and indeterminate diastolic function." Int J Cardiovasc Imaging.

<https://www.ncbi.nlm.nih.gov/pubmed/34714464>

Respiratory Medicine

Aliberti, S., P. C. Goeminne, et al. (2021). "Criteria and definitions for the radiological and clinical diagnosis of bronchiectasis in adults for use in clinical trials: international consensus recommendations." Lancet Respir Med.

<https://www.ncbi.nlm.nih.gov/pubmed/34570994>

Curry, S., A. Tan, et al. (2021). "Lung ultrasound and the role of lung aeration score in patients with acute respiratory distress syndrome on extracorporeal membrane oxygenation." Int J Artif Organs **44**(11): 854-860.

<https://www.ncbi.nlm.nih.gov/pubmed/34643145>

Gargani, L., C. Romei, et al. (2021). "Lung ultrasound B-lines in systemic sclerosis: cut-off values and methodological indications for interstitial lung disease screening." Rheumatology (Oxford). <https://www.ncbi.nlm.nih.gov/pubmed/34698807>

Monkley, S., C. Overed-Sayer, et al. (2021). "Sensitization of the UPR by loss of PPP1R15A promotes fibrosis and senescence in IPF." Sci Rep **11**(1): 21584. <https://www.ncbi.nlm.nih.gov/pubmed/34732748>

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Respiratory Medicine continued

Nastase, A., A. Mandal, et al. (2021). "Integrated genomics point to immune vulnerabilities in pleural mesothelioma." *Sci Rep* **11**(1): 19138. <https://www.ncbi.nlm.nih.gov/pubmed/34580349>

Newman, J., I. Boubriak, et al. (2021). "Rising COVID-19 related acute pulmonary emboli but falling national chronic thromboembolic pulmonary hypertension referrals from a large national dataset." *ERJ Open Res* **7**(4). <https://www.ncbi.nlm.nih.gov/pubmed/34646880>

Toshner, M., C. Church, et al. (2021). "Mendelian randomisation and experimental medicine approaches to IL-6 as a drug target in PAH." *Eur Respir J*. <https://www.ncbi.nlm.nih.gov/pubmed/34588193>

Wilkins, M. R., M. A. McKie, et al. (2021). "Positioning imatinib for pulmonary arterial hypertension: A phase I/II design comprising dose finding and single-arm efficacy." *Pulmonary Circulation* **11**(4). <https://journals.sagepub.com/doi/full/10.1177/20458940211052823>

Sleep Medicine

Sosero, Y. L., E. Yu, et al. (2021). "Rare PSAP Variants and Possible Interaction with GBA in REM Sleep Behavior Disorder." *J Parkinsons Dis*. <https://www.ncbi.nlm.nih.gov/pubmed/34690151>

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Transplantation

Neurohr, C., N. Kneidinger, et al. (2021). "A randomized controlled trial of liposomal cyclosporine A for inhalation in the prevention of bronchiolitis obliterans syndrome following lung transplantation." Am J Transplant.

<https://www.ncbi.nlm.nih.gov/pubmed/34587371>

Stehlik, J., J. D. Christie, et al. (2021). "The evolution of the ISHLT transplant registry. Preparing for the future." J Heart Lung Transplant. <https://www.ncbi.nlm.nih.gov/pubmed/34657795>

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