

Guest Editors

James H. Hull



James H. Hull is a Consultant Respiratory Physician at the Royal Brompton Hospital (London, UK) and an Honorary Professor at University College London (London, UK). He qualified from St George's Hospital Medical School in 2000, with an intercalated degree in exercise physiology. His doctorate and subsequent position as a National Institute for Health and Care Research (NIHR) lecturer, with time spent at UCLA in Los Angeles (CA, USA), provided him with expertise in physiological assessment and, specifically, cardiopulmonary exercise testing.

He is currently clinical lead for the unexplained breathlessness service at the Royal Brompton Hospital, providing a one-stop assessment service for national- and international-based referrals of complex breathing issues. In this context and as President of the Association of Respiratory Technology and Physiology (ARTP), James is an advocate for the use of physiological investigations and particularly cardiopulmonary exercise testing, to help characterise reasons for exertional breathing difficulties.

Working closely with colleagues in the multidisciplinary team, James developed the now widely used breathing pattern assessment tool (BPAT). He established an upper airway service at the Royal Brompton Hospital and has published work arising from this service, outlining the benefits of assessing upper airway closure during physical activity with/without other forms of provocation, with the continuous laryngoscopy test.

James has a specialist clinical and research interest in helping athletic individuals with respiratory issues and in this area; he is a specialist advisor to the English Institute of Sport and Team GB, the International Olympic Committee, the British Thoracic Society (BTS) and several professional sporting organisations.

Jemma Haines



Jemma Haines MBE qualified in 2003 with a First-Class Honours in Speech and Language Sciences from Newcastle University (Newcastle upon Tyne, UK). In her early career she worked as a

voice clinician and developed a keen interest in laryngology. Acknowledging the significance of the larynx during respiration, she pioneered a clinical specialism to support patients suffering with complex breathlessness.

Jemma is now Chief Allied Health Professional at Manchester University NHS Foundation Trust (Manchester, UK) and a NIHR Manchester Biomedical Research Centre PhD Fellow. She developed and led the multidisciplinary team Manchester Airways Service, which is now established as a leading national referral centre for complex breathlessness management. Her specialist expertise includes managing patients with inducible laryngeal obstruction, refractory chronic cough and difficult-to-control asthma.

Jemma is a national Royal College of Speech and Language Therapists (RCSLT) professional respiratory advisor and an elected member of the BTS Cough Specialist Advisory Group. She has co-authored several national professional respiratory guidelines and has many peer-reviewed publications relating to her work. Jemma has attended numerous national and international conferences, presenting her clinical research findings. Currently, her research investigates standardised evaluation and treatment for inducible laryngeal obstruction.

In 2021, Jemma was made a Member of the Order of the British Empire in the Queen's birthday honours list and a Fellow of the RCSLT. These prestigious awards are in recognition of her leadership within the field of upper airway disorders in speech and language therapy, in addition to her significant contribution and response to supporting modifications to practice during the COVID-19 pandemic.