

Clinical Update Sleep: Life Eessentials and NHS England 'Optimal Sleep Pathway'

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Following the pandemic years, it is a particular pleasure to be able to meet again in person for the 6th Clinical Update Sleep at the Royal College of Physicians in London. We have lined up the previously proven parallel programme which addresses all areas of interest in Sleep Medicine.

Some of the topical sessions will be dedicated to sleep-disordered breathing, which seems to be more prevalent than previously estimated (1). An accurate estimate of the number of cases that remain undiagnosed or untreated cases is essential and it is thought that about 1 billion people worldwide are affected by obstructive sleep apnoea (OSA) (2). Recently, the American Heart Association included Sleep as one of its "Life Essential 8" for optimal cardiovascular health (3). One of the sessions will be dedicated to sleep apnoea and hypertension presenting the latest results from the worldwide ANDANTE (4) collaboration, while another one will present non-continuous positive airway pressure (CPAP) therapies with the first international evidence-based guidelines (5,6).

We are pleased to also present a session dedicated to insomnia, which continues to cause widespread problems with poor sleep, particularly exacerbated by the pandemic (7), and adversely affects quality of life (8). The National Institute for Health and Care Excellence (NICE) have

recently approved several innovative treatments for insomnia, including the first health app (NICE MTG70) (9) and the oral dual orexin receptor antagonists (NICE GIDTA10888) (10). Further sessions will focus on the latest evidence on symptom control and clinical outcomes in sleep disorders, as well as parasomnias and circadian rhythm disorders.

The British Sleep Society (BSS) will host a symposium discussing clinical academic integration (*Figure 1*) with experiences from the past, present, and insights into the future of sleep medicine. The session will also include details affecting the future National Health Service (NHS) structure, teaching and training in sleep medicine within UK sleep laboratories, and will include details of the NHS England 'Optimal Sleep Pathway'. In parallel, the day will conclude with the hot topic and clinical trial session, providing the latest insights into ongoing trials and novel data from British and international studies. All sessions have been designed with a multi-professional focus and will provide plenty of time for questions and interaction with faculty and other delegates.

So join us at the Royal College Friday 10th February 2023 for an exciting event. We look forward to meeting you again in person to have lively discussions about the future of sleep.

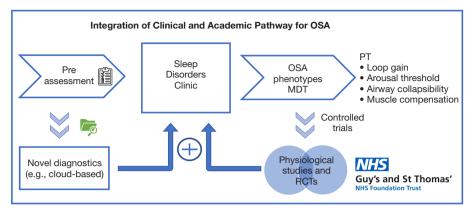


Figure 1 Integration of clinical and academic pathway for OSA. OSA, obstructive sleep apnoea; PT, physiological trait; MDT, multidisciplinary team; RCT, randomized control trial.

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References

- Penzel T, Dietz-Terjung S, Woehrle H, et al. New Paths in Respiratory Sleep Medicine: Consumer Devices, e-Health, and Digital Health Measurements. Sleep Med Clin 2021;16:619-34.
- Benjafield AV, Ayas NT, Eastwood PR, et al. Estimation of the global prevalence and burden of obstructive sleep apnoea: a literature-based analysis. Lancet Respir Med 2019;7:687-98.
- 3. Lloyd-Jones DM, Allen NB, Anderson CAM, et al. Life's Essential 8: Updating and Enhancing the American Heart Association's Construct of Cardiovascular Health: A Presidential Advisory From the American Heart Association. Circulation 2022;146:e18-e43.
- Pengo M, Schwarz EI, Barbe F, et al. Predictors of BP reduction in patients with OSA treated with CPAP therapy

 an individual patient data meta-analysis. Eur Respir J 2022;60:4478.
- Randerath W, Verbraecken J, de Raaff CAL, et al. European Respiratory Society guideline on non-CPAP therapies for obstructive sleep apnoea. Eur Respir Rev 2021;30:210200.
- 6. Randerath W, de Lange J, Hedner J, et al. Current and novel treatment options for obstructive sleep apnoea. ERJ Open Res 2022;8:00126-2022.
- Pérez-Carbonell L, Meurling IJ, Wassermann D, et al. Impact of the novel coronavirus (COVID-19) pandemic on sleep. J Thorac Dis 2020;12:S163-75.
- 8. Sateia MJ. International classification of sleep disorders-

- third edition: highlights and modifications. Chest 2014;146:1387-94.
- 9. Overview | Sleepio to treat insomnia and insomnia symptoms | Guidance | NICE. (online) Available online: https://www.nice.org.uk/guidance/mtg70

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10. Project information | Daridorexant for treating insomnia disorder (ID3774) | Guidance | NICE. (online) Available online: https://www.nice.org.uk/guidance/awaiting-development/gid-ta10888 (Accessed 6 Dec. 2022).