



Research Meeting on

Efficacy of high-flow nasal cannula therapy and its effectiveness in home settings for paediatric obstructive sleep apnoea

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For children with obstructive sleep apnoea (OSA) requiring continuous positive airway pressure (CPAP), adherence remains a major issue. Hence there is a demand for alternative treatment options. Our study aimed to investigate the efficacy of high-flow nasal cannula (HFNC) therapy in children with moderate-to-severe OSA (MS-OSA), and to investigate adherence, quality of life and behavioural outcomes with HFNC compared to CPAP. Children with MS-OSA recommended CPAP therapy were recruited to complete two overnight titration studies, with HFNC and with CPAP. Eligible participants further underwent a 6-month interventional trial with HFNC and CPAP to compare treatment outcomes and adherence. Our data supports that HFNC is an alternative treatment option with comparable efficacy with CPAP. However, we did not observe significant improvement in adherence with HFNC therapy compared to CPAP.



25 July 2024



1:00 – 2:00 P.M.



Seminar Room, 6/F, Lui Che
Woo Clinical Sciences
Building, Prince of Wales
Hospital, Shatin.



Join Zoom Meeting

<https://cuhk.zoom.us/j/96389792895?pwd=Rv2SdZ3QZITRe9b5RnXwQzivaj5chx.1>

Meeting ID: 963 8979 2895

Passcode: 374601

ALL ARE WELCOME