

# Single Cell Sequencing of Tonsillar Tissue in Children With OSA

NCT05115968

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**Status** RECRUITING  
**Sponsor** Chinese University of Hong Kong  
**Enrollment** 15 participants

## Key Eligibility Criteria

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### Inclusion (2)

- Case: Chinese children aged 6-11 years old with habitual snoring (≥3 nights per week) and polysomnography (PSG) confirmed OSA (obstructive apnoea hypopnoea index (OAHI) of ≥1/hour), with adenotonsillar hypertrophy and clinical indications for adenotonsillectomy will be recruited as cases.
- Control: Non-OSA subjects (with PSG OAHI <1/hour) who undergo adenotonsillectomy for other reasons such as recurrent tonsillitis.

### Exclusion (1)

- Previous upper airway surgery, genetic or syndromal disease, congenital or acquired neuromuscular disease, congenital or acquired immunodeficiency, known metabolic syndrome, craniofacial abnormalities.

## Locations (1 total)

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Prince of Wales Hospital, Hong Kong, Hong Kong