

Update in pediatric Obstructive sleep apnea

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Obstructive sleep apnea

- **Definition :**

Absence of oronasal airflow in the presence of continued respiratory effort lasting longer than two respiratory cycle times

Sleep disorder breathing

Primary Snoring (PS)	Upper airway resistance syndrome (UARS)	Obstructive hypoventilation or obstructive hypopnea (OH)	Obstructive sleep apnea (OSA)
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Prevalence

- *Young et al 2002 : Europe and America*

Age \leq 6 yr

Habitual snoring 10-14 %

OSA 2-3 %

- *Ng et al 2005 : Hong Kong*

Age 6-12 yr

Habitual snoring 11 %

witness sleep apnea 1.5 %

Danial et al. Acta paediatrica 2006;95:1029-35.

Prevalence

- ***Wanaporn et al 2001: Songkla***

School-age children

Habitual snoring 8.5 %

OSA 0.69 %