

Appendix 2 (as supplied by the authors): PICOS criteria for inclusion and exclusion of studies

Parameter	Inclusion criteria	Exclusion criteria
<i>Patients</i>	Adults ≥ 18 years with suspected SDB requiring confirmation of diagnosis for treatment Adults with or without comorbidities potentially related to SDB	Adults with previous SDB-related surgery Patients under 18 years of age
<i>Intervention</i>	Level-3 sleep study	
<i>Comparator</i>	Level-1 sleep study	
<i>Outcomes</i>	Diagnostic accuracy Any disease management outcomes (e.g. acceptance of CPAP treatment, adherence to CPAP treatment, residual AHI and mean CPAP pressure, difference in functional status or quality of life). Adverse effects or complications related to the use of Level-3 and Level-1 tests	Studies without defined clinical outcomes
<i>Study Design</i>	Randomized controlled trials Non-randomized controlled trials Retrospective, prospective, or concurrent cohort studies Cross sectional studies	Case reports Editorials & opinion pieces

CPAP = continuous positive airway pressure; PICOS = patients, intervention, comparator, outcomes, study design; SDB = sleep disordered breathing