

SleepSMART

Inclusion-

Age ≥ 18 .

TIA with ABCD2 ≥ 4 or ischemic stroke within the prior 14 days.

Comments: Although 14 days provides a wide window, we strongly encourage enrollment as soon as possible

Exclusion Criteria-

- pre-event inability to perform all of own basic ADLs
- unable to obtain informed consent from subject or legally authorized representative
- incarcerated
- known pregnancy
- current mechanical ventilation (can enroll later if this resolves within required 14-day window from stroke) or tracheostomy
- current use of positive airway pressure, or use within one month prior to stroke
- anatomical or dermatologic anomaly that makes use of CPAP interface unfeasible
- severe bullous lung disease
- history of prior spontaneous pneumothorax or current pneumothorax
- massive epistaxis or previous history of massive epistaxis
- hypotension requiring current treatment with pressors (can enroll later if this resolves within required 14-day window from stroke)
- other specific medical circumstances that conceivably, in the opinion of the site PI, could render the patient at risk of harm from use of CPAP
- cranial surgery or head trauma within the past 6 months, with known or possible CSF leak or pneumocephalus
- recent hemicraniectomy or suboccipital craniectomy (i.e. those whose bone has not yet been replaced), or any other recent bone removal
- procedure for relief of intracranial pressure
- current receipt of O₂ supplementation >4 liters per minute
- current contact, droplet, or respiratory/airborne precautions