

Hypoglossal Nerve Stimulation Therapy in Patients With Obstructive Sleep Apnea: Belgian Registry

NCT06332404

Status RECRUITING
Sponsor University Hospital, Antwerp
Enrollment 225 participants

Key Eligibility Criteria

Inclusion (5)

- Any patient implanted with or receiving the Inspire HNS system and who is able to give informed consent is eligible to participate in the registry. A patient is eligible for HNS implantation if he/she meets the following criteria:
- At least 18 years old at the time of implantation
- The patient suffers from moderate to severe OSA (15 events/h d AHI d 65 events/h)
- The patient has failed, not tolerated or has a contraindication for continuous positive airway pressure (CPAP) and/or mandibular advancement device (MAD) therapy
- Absence of complete concentric collapse of the level of the soft palate during Drug-Induced Sleep Endoscopy (DISE)

Exclusion (6)

- Body mass index (BMI) ≥ 32 kg/m².
- Combined mixed and central AHI is more than 25% of the total AHI
- Patients with complete concentric collapse at the level of the soft palate or any other anatomical deviation that could impede the proper functioning of HNS
- Patients with severely impaired neurological control over the upper airway
- Pregnancy
- ... and 1 more (see full listing online)

Locations (2 total)

Antwerp University Hospital, Edegem, Antwerp, Belgium
AZ Sint-Jan Brugge, Bruges, West-Vlaanderen, Belgium