



# INSPIRE



- 1 -

The device connects to a pulse oximeter and breathing effort sensor, allowing it to be used to diagnose sleep apnea in the comfort of the patient's home. The diagnostic data can be uploaded for a clinician to review.



425 million adults worldwide have moderate to severe sleep apnea.



83% of adults with sleep apnea are undiagnosed

**Introducing:**

## INSPIRE

**A device that improves access to diagnostic equipment, and provides CPAP therapy.**

- 2 -

After the diagnosis, the device is used to provide increasing levels of pressure support to determine the pressure the patient requires to be treated.



- 3 -

Again, this information is reviewed online by a clinician who can then select the correct pressure level.



- 4 -

The patient can set the ramp starting pressure and duration, allowing the patient to be more comfortable while falling asleep.



*For more information, please contact:*

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**merSETA**  
MANUFACTURING, ENGINEERING  
AND RELATED SERVICES SETA



Sleep apnea  
screening tool

  
INSPARE



UCT MedTech



22.8% of South African  
adults have sleep apnea.



83% of these cases are not  
diagnosed.



Untreated sleep apnea can  
lead to hypertension, stroke,  
diabetes and obesity.



Once diagnosed, many  
patients are not able to  
afford treatment devices.