



**ResMed**

**Astral™ series**



## Astral PS/SVt quick setup guide

Pressure Support with Safety Tidal Volume (PS/SVt) mode is a Volume-Assured Pressure Support (VAPS) mode, which is often used to treat patients with chronic obstructive pulmonary disease (COPD) and neuromuscular disease (NMD). PS/SVt mode offers a volume guarantee with every patient breath. This mode also provides patients with the flexibility to use a traditional vented mask with Standard air tubing (6 ft). PS/SVt is now available on the Astral™ series leak circuit, which enhances leak compensation with Vsync technology for patients with persistent mask or oral leak. Follow these step-by-step instructions to set up Astral on PS/SVt.

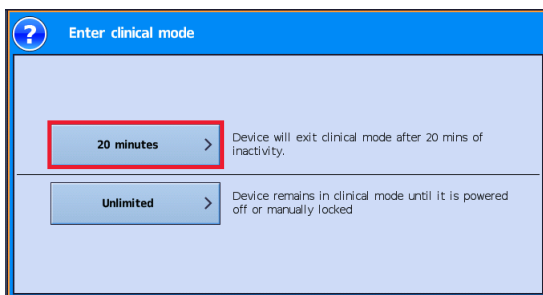
- 1 Choose a single limb leak adapter (PN27942) to configure PS/SVt in **leak mode**:



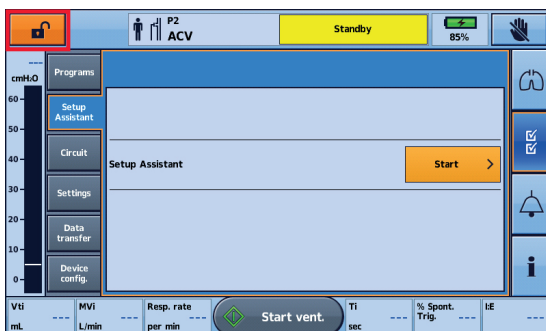
- 2 To access **clinical mode** from the patient home screen, press and hold the lock key for 3 seconds:



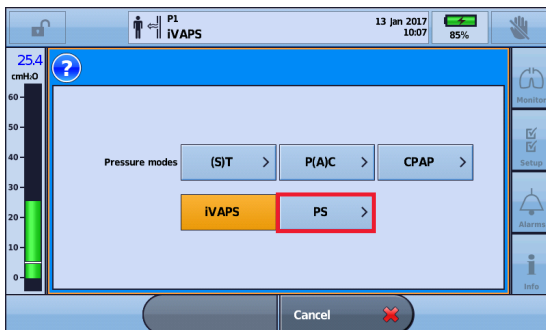
Next, select “20 minutes” or “Unlimited.” The **Main Settings** screen is now displayed:



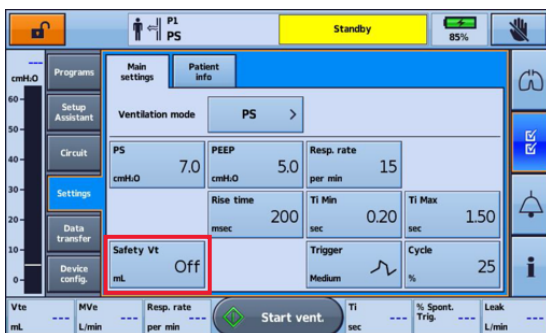
- 3 To use the **Setup Assistant**, follow all steps according to the LED screen prompts. Select “Adult” as the patient type and “single limb leak circuit” as the circuit type. During this process, ensure masks are not in place.



- 4 From the on-screen selections, press “Ventilation mode”, and then select “PS/SVt”:



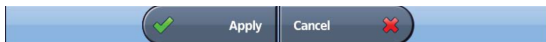
- 5 Turn on “Safety Vt (SVt)” if a volume guarantee is prescribed:



- 6 Set additional settings per your prescription:



- 7 Apply any additional primary settings prescribed by the physician, such as:
- Pressure Support (PS):** 7–9 cmH<sub>2</sub>O
  - Positive End-Expiratory Pressure (PEEP):** 5–7 cmH<sub>2</sub>O
  - Respiratory Rate (RR):** 10–12 bpm
  - Safety Vt:** 6–8 mL/kg
  - Pressure Support Maximum (PS Max):** 20–25 cmH<sub>2</sub>O



- 8 Initiate therapy with the appropriate vented mask, such as:



AirFit™ F20 full face mask



AirFit™ P10 nasal pillows mask



AirFit™ N20 nasal mask

Please reference the Astral series clinical guide for complete product information, including indications for use, warnings and cautions.



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