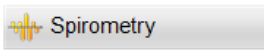
VYNTUS™ QUICK GUIDE

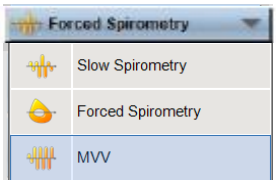
JAEGER

Maximum Voluntary Ventilation (MVV) Measurement

Vyntus™ SPIRO, Vyntus™ ONE, Vyntus™ ONE-PFT, Vyntus™ ONE-DL, Vyntus™ BODY, Vyntus™ CPX

1. Select the "**Spirometry**" measurement program → 

(Either from the Home Page or a Measurement program)

2. Select "**MVV**" in the "Forced Spirometry" drop-down menu → 

Preparation: Verbally explain measurement to patient and/or give demonstration

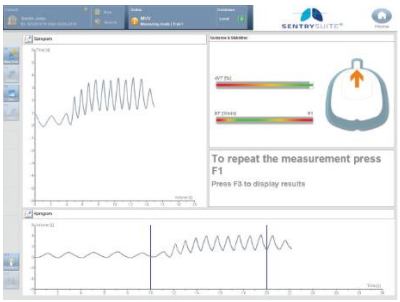
3. Click **<F1> "Start"** to start the measurement → 

4. Connect the patient to the breathing circuit and MicroGard™ filter



5. Perform the MVV measurement:
   a) Instruct the patient to "**Relax and breathe normally**"
   b) Just prior to the first vertical line being reached, coach the patient to **inhale and exhale fast and deep**
   c) Breathing frequency **(BF) of 90 – 110 BPM** should be tracked using guidance bar on the screen

a) 

b and c) 

6. Click **<F3> "Stop"** to end the measurement → 

7. To assess **repeatability** for MVV, repeat steps 3 – 6 (minimum two trials*)

***Repeatability & Reporting**

The quality criteria for MVV:
a) At least two acceptable trials
b) Two best trials within 20%
c) BF between 90-110 BPM during maneuver

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