COPD-6™
COPD Screener

Guide for Healthcare Professionals
Prepare Device

1  🌄 Switch on.

2  Set test subject’s age.
Press ▲ or ▼ to change age.
Press ← to set.

3  Set test subject’s height in inches.
Press ▲ or ▼ to change height.
Press ← to set.
4 Set test subject’s gender.
Press ▲ or ▼ to change gender.
Press ← to set.

5 Set test subject’s population group.
Press ▲ or ▼ to change population group.
Press ← to set.

<table>
<thead>
<tr>
<th>Letter</th>
<th>Population Group</th>
<th>Ref</th>
</tr>
</thead>
<tbody>
<tr>
<td>c</td>
<td>Caucasian</td>
<td>NHANES III</td>
</tr>
<tr>
<td>AA</td>
<td>African-American</td>
<td>NHANES III</td>
</tr>
<tr>
<td>HA</td>
<td>Mexican-American</td>
<td>NHANES III</td>
</tr>
</tbody>
</table>
Perform Test

1. Insert disposable SafeTway mouthpiece.

2. Demonstrate to test subject.
   - Fully breathe in, hold...
   - Insert and lightly bite the mouthpiece
   - Then blow as hard as possible for 6 seconds

3. Repeat blow 2 more times.

4. Press to show best test.
Test Result

Normal

Arrows always show best test...

Negative:
- Spirometry not required
- COPD classification green

Possible COPD

Arrows always show best test...

Positive:
- Refer for spirometry
- COPD classification I to IV

Possible Restriction

Arrows always show best test ...

Obstructive Index Low:
- Refer for spirometry
- COPD not likely
View Parameters

1. Display shows FEV₁ and % of predicted.

Displays numbers for each blow until pressed...

2. Press ↑ to show FEV₆, FEV₁/FEV₆ ratio, % of predicted and estimated lung age.

3. for 3 seconds to switch off.

Cleaning and disinfecting
The outer surfaces should be cleaned every week, more often if necessary. The use of a disposable disinfecting wipe is recommended, with special attention to the mouthpiece area.

www.vitalograph.com
FEV₁/FEV₆ Ratio and FEV₁ % Predicted

- FEV₁/FEV₆ ≥ 0.7
- FEV₁/FEV₆ < 0.70 & FEV₁ ≥ 80 % Pred.
- FEV₁/FEV₆ < 0.70 & FEV₁ < 80 % Pred.
- FEV₁/FEV₆ < 0.70 & FEV₁ < 50 % Pred.
- FEV₁/FEV₆ < 0.70 & FEV₁ < 30 % Pred.

COPD Classification

Obstruction Index

- Stage I: FEV₁/FEV₆ ≥ 0.7
- Stage II: FEV₁/FEV₆ < 0.70 & FEV₁ ≥ 80 % Pred.
- Stage III: FEV₁/FEV₆ < 0.70 & FEV₁ < 80 % Pred.
- Stage IV: FEV₁/FEV₆ < 0.70 & FEV₁ < 30 % Pred.

FEV₁/% Predicted

- ≥80%
- <80%
- <50%
- <30%