

How to Correct Test Errors

The below table outlines ways to correct the results. This document is an extract from KINNECT Training's Course in Spirometry Workbook.

<p>Poor Initial Blast Coach: Blast air out HARDER</p> <p>Slow climb</p> <p>Rounded or flat peak</p>	<p>Hesitation; Slow Start; Large Extrapolated Volume Delete Curve; Coach: Blast FASTER</p> <p>Slow take off</p> <p>Peak shifted to right</p>	<p>Cough in First Second Delete Curve; Correction: Try a drink of water</p> <p>Curve dips</p> <p>Curve dips</p>
<p>Incomplete Inhalation Coach: Take a DEEPER breath</p> <p>Gap</p> <p>Curves have same shape but are different sizes</p> <p>Gap</p>	<p>No Plateau Before 15 Seconds Coach: Keep blowing until told to stop</p> <p>Does not flatten for 1 second</p> <p>Difficult to see on this curve</p>	<p>Inconsistent Effort Coach: One continuous blast and keep blowing</p> <p>Curve tilts</p> <p>Curve flattens out</p>
<p>Partially Blocked Mouthpiece Coach: Position mouthpiece between teeth and on top of tongue; secure dentures</p> <p>Smaller peak and curve wobbles</p> <p>Curve wobbles</p>	<p>Glottis Closure or Breath Holding Coach: Initial BIG BLAST then RELAX and keep blowing</p> <p>Abruptly flattens</p> <p>Drops straight down</p>	<p>Leak Correction: Check equipment and connections</p> <p>Curve drops down</p> <p>Curve moves backwards</p>
<p>Negative Zero Flow Error Correction: No airflow through sensor when spirometer zeroing Hold sensor upright during test</p> <p>Curve ends early OR Curve drops down</p> <p>Difficult to see on this curve</p>	<p>Positive Zero Flow Error Correction: No airflow through sensor when spirometer zeroing Hold sensor upright during test</p> <p>Continues to climb - NEVER flattens</p> <p>Flat line extends to right</p>	<p>Extra Breaths Correction: DELETE CURVE; Use nose clips and lips tightly sealed</p> <p>Extra breaths</p> <p>1 or more extra breaths look like miniature additional curves</p> <p>Extra breaths</p>