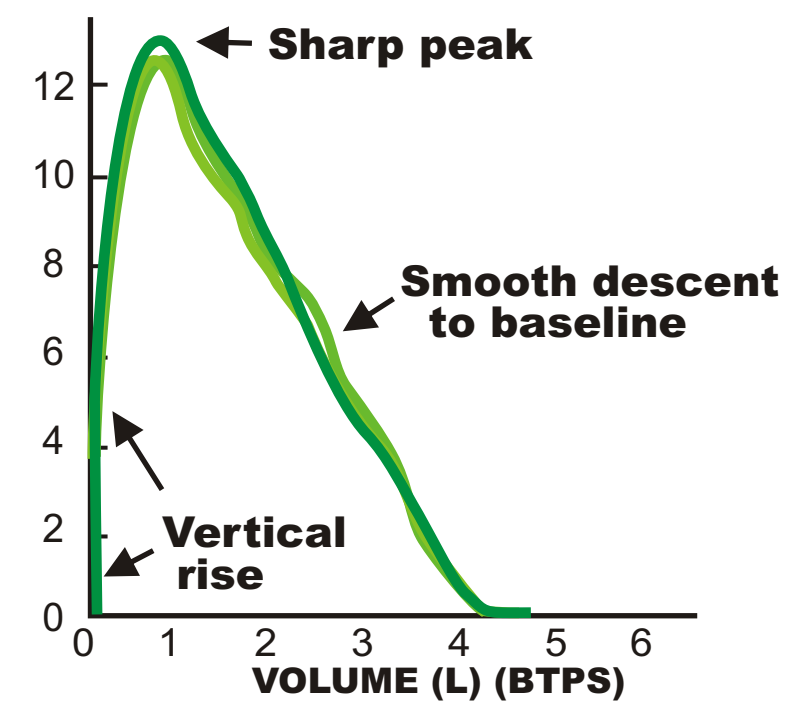
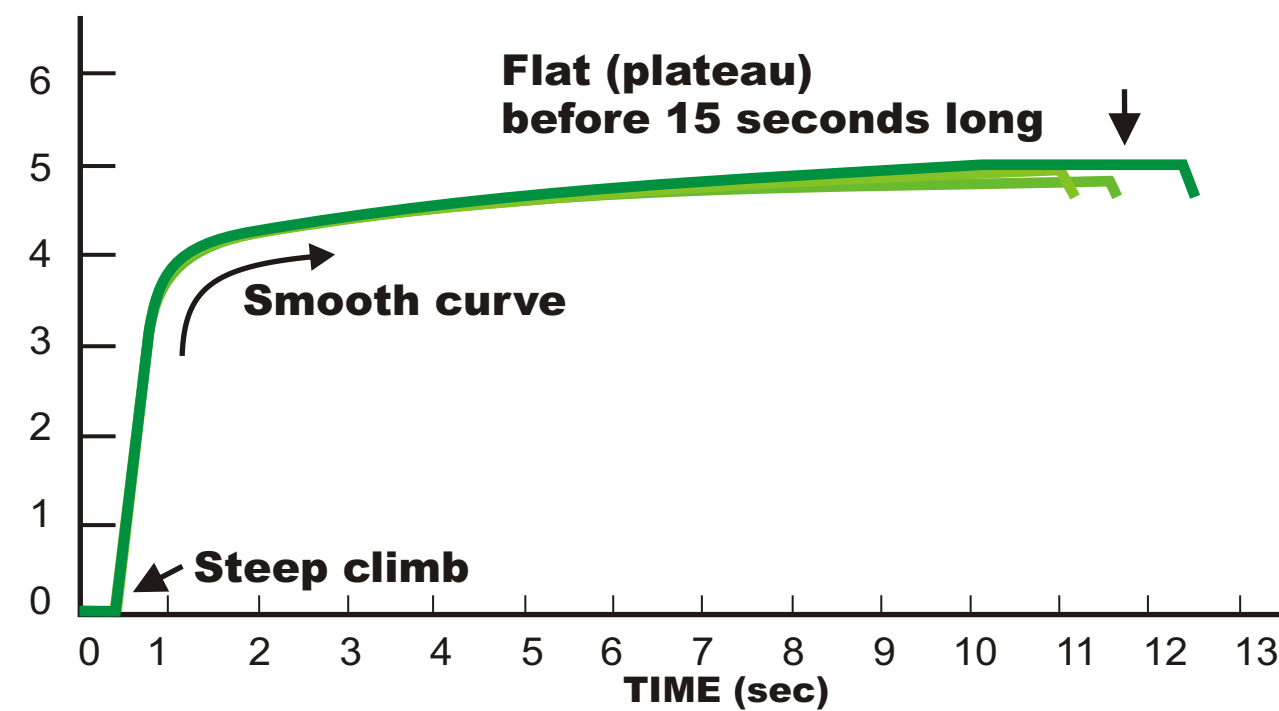


Get Valid Spirometry Results EVERY Time

**A Valid Test has:
3 or More Good Curves
and Repeatable FVC and FEV1 ***

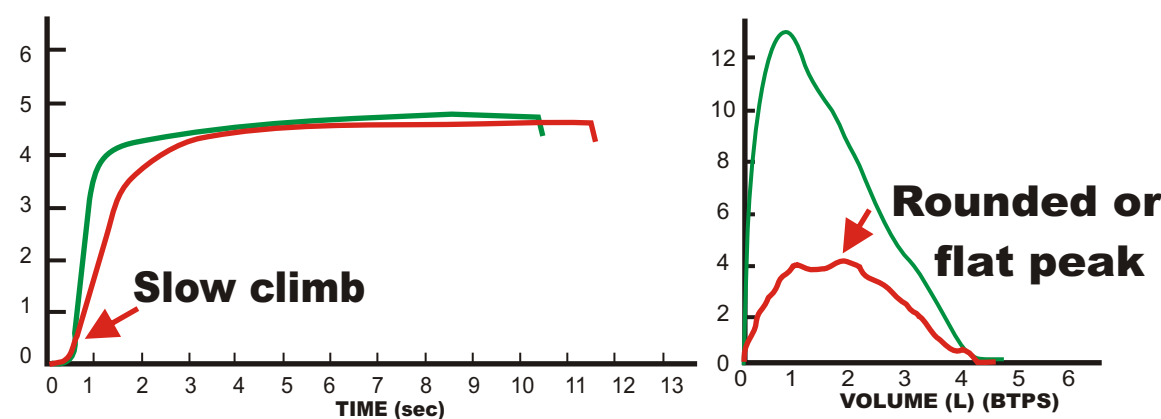
*Use most current American Thoracic Society/
European Respiratory Society (ATS/ERS) standards



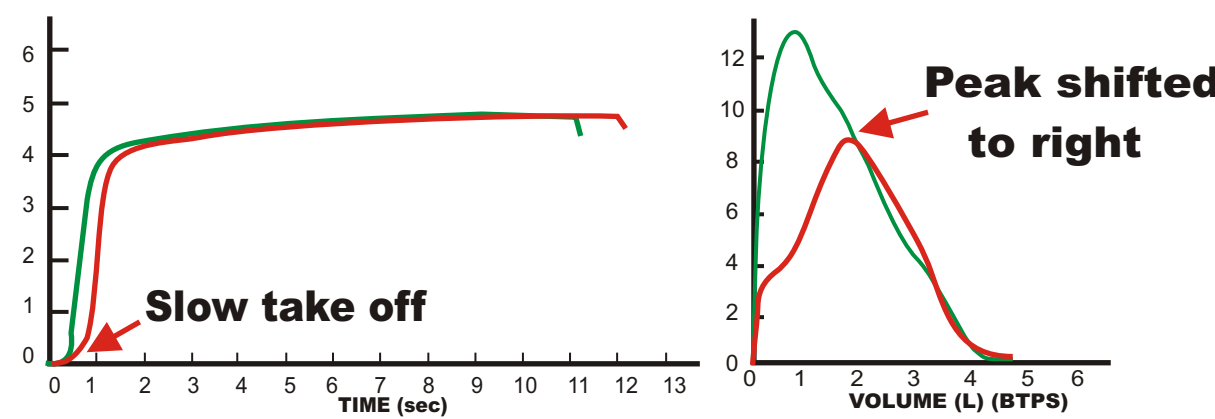
KEY
Green = Good Curve
Red = Error

HOW TO CORRECT TEST ERRORS

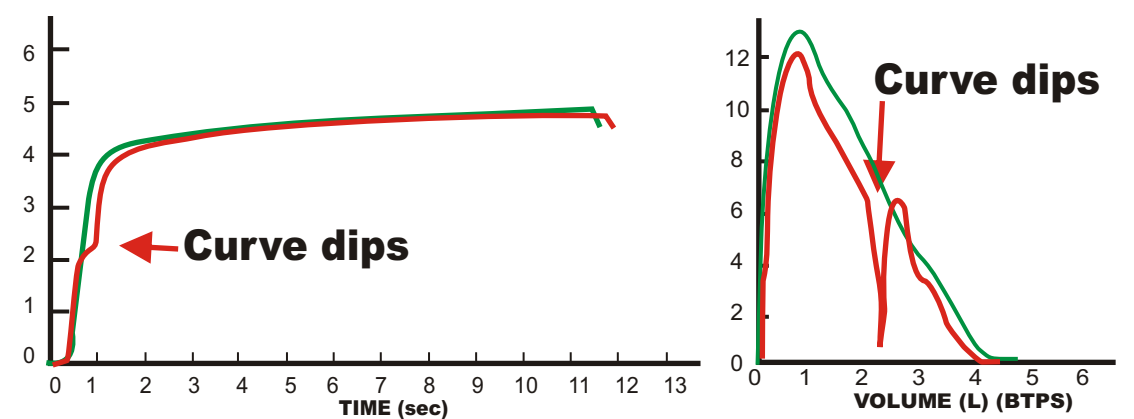
Poor Initial Blast
Coach: Blast air out HARDER



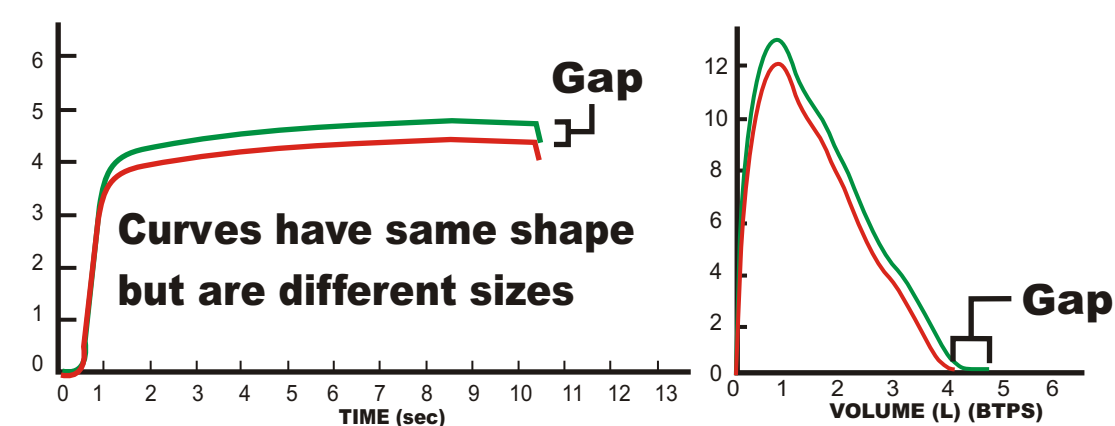
Hesitation; Slow Start; Large Extrapolated Volume
Delete Curve; Coach: Blast FASTER



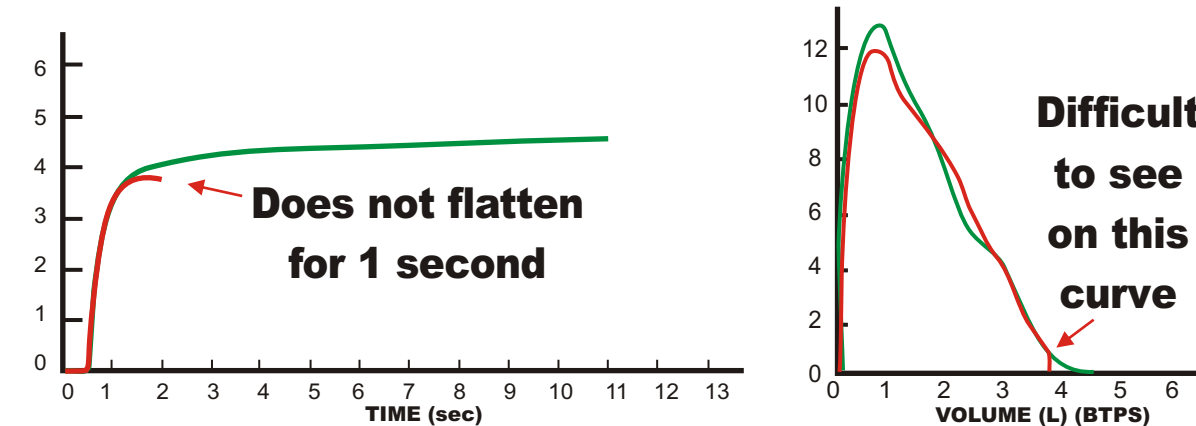
Cough in First Second
Delete Curve; Correction: Try a drink of water



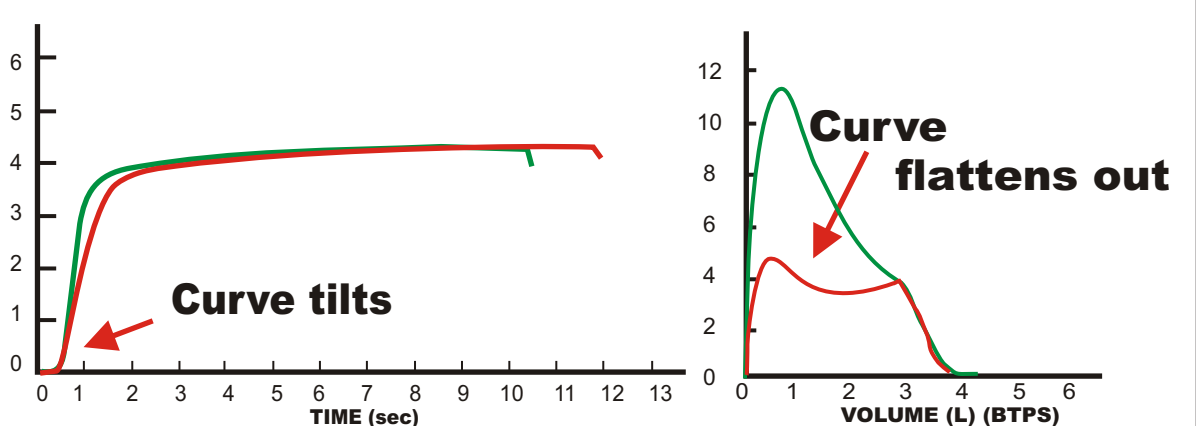
Incomplete Inhalation
Coach: Take a DEEPER breath



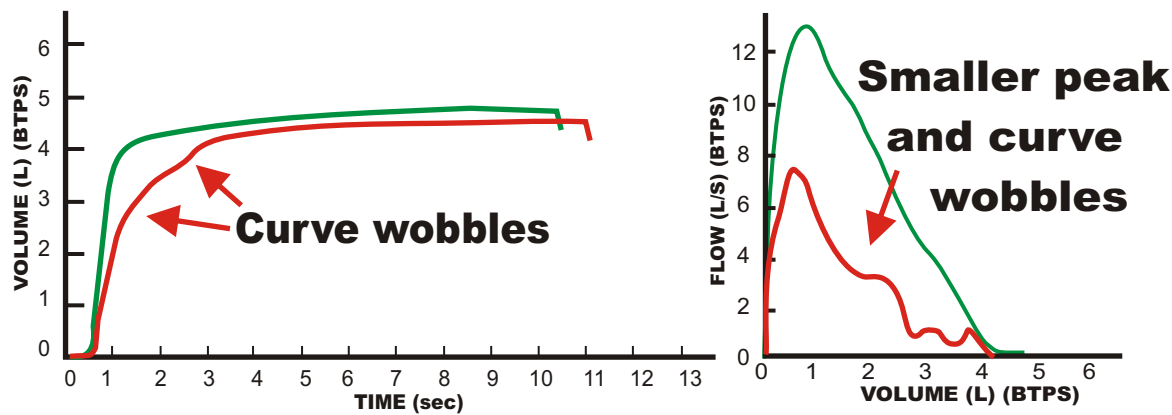
No Plateau Before 15 Seconds
Coach: Keep blowing until told to stop



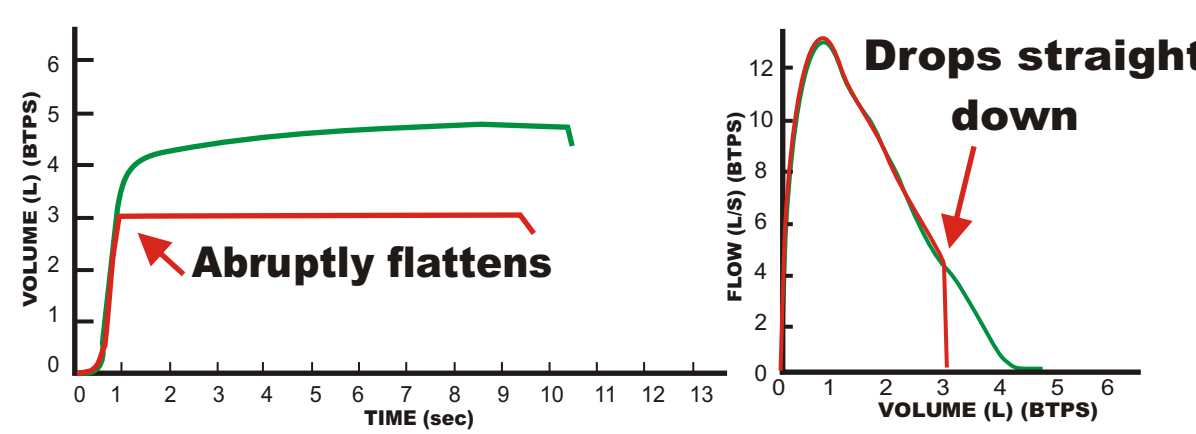
Inconsistent Effort
Coach: One continuous blast and keep blowing



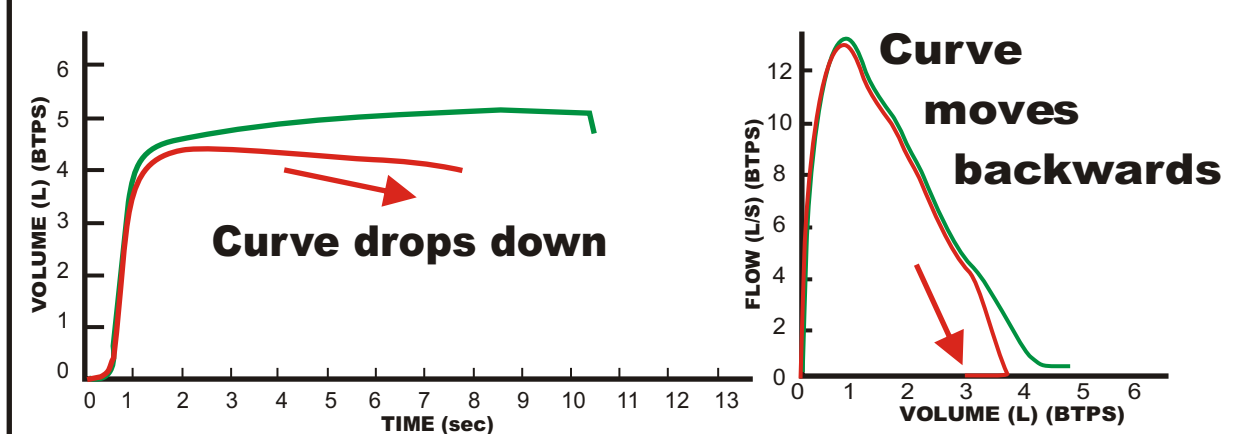
Partially Blocked Mouthpiece
Coach: Position mouthpiece between teeth and
on top of tongue; secure dentures



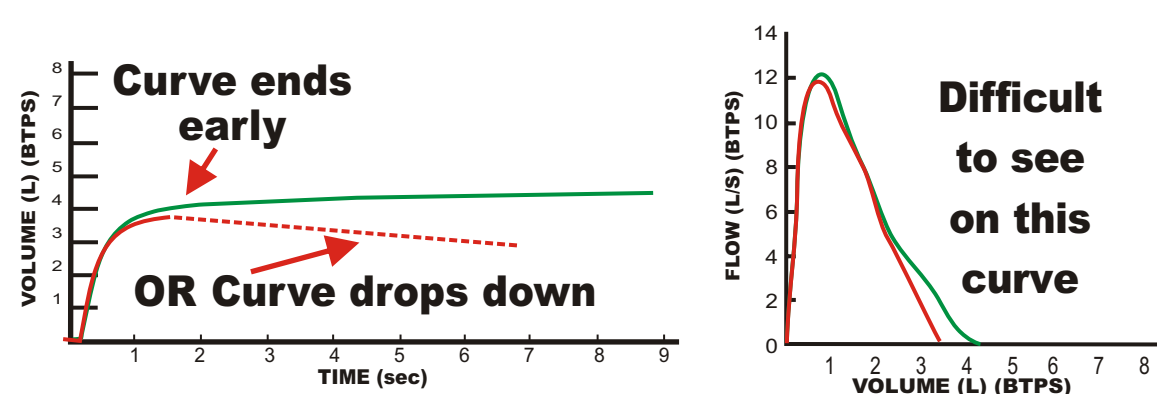
Glottis Closure or Breath Holding
Coach: Initial BIG BLAST then RELAX and keep blowing



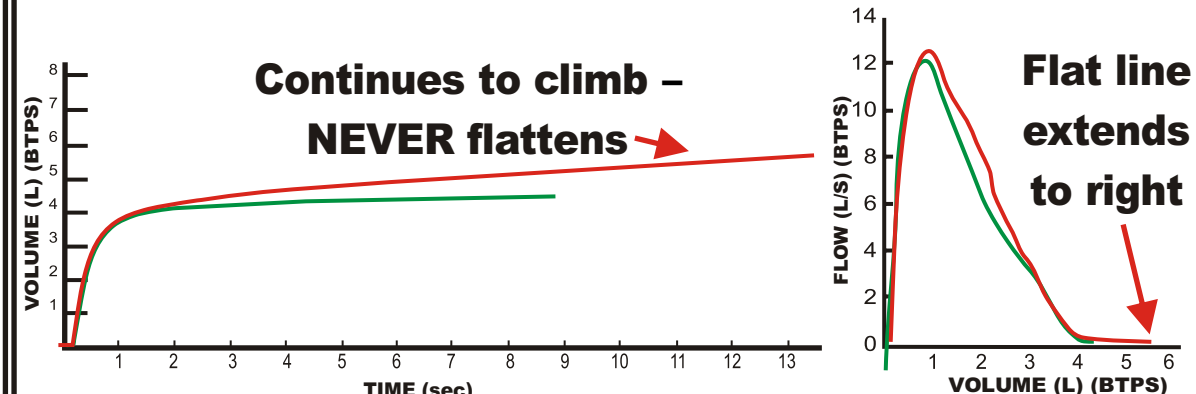
Leak
Correction: Check equipment and connections



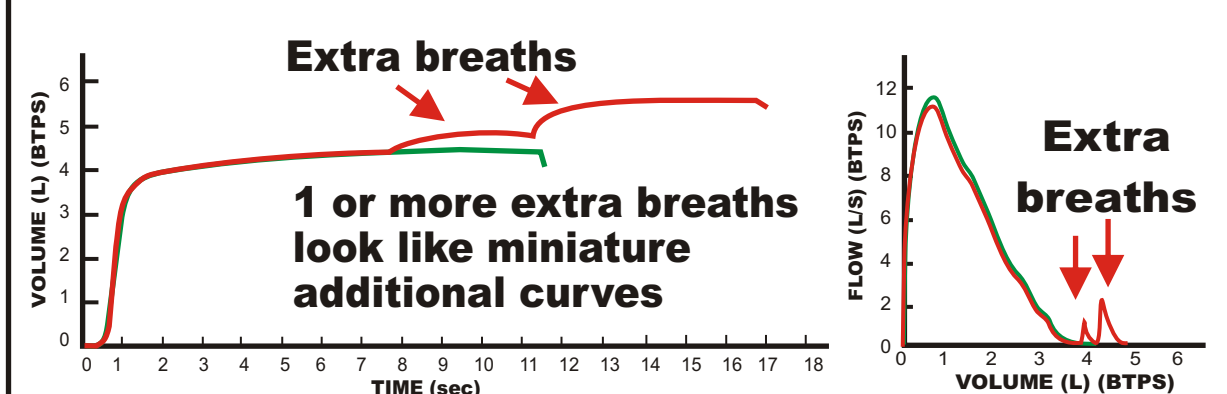
Negative Zero Flow Error
Correction: No airflow through sensor when spirometer zeroing
Hold sensor upright during test



Positive Zero Flow Error
Correction: No airflow through sensor when spirometer zeroing
Hold sensor upright during test



Extra Breaths
Correction: DELETE CURVE; Use nose clips and lips tightly sealed



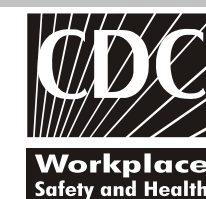
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DHHS (NIOSH) Publication No. 2011-135



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