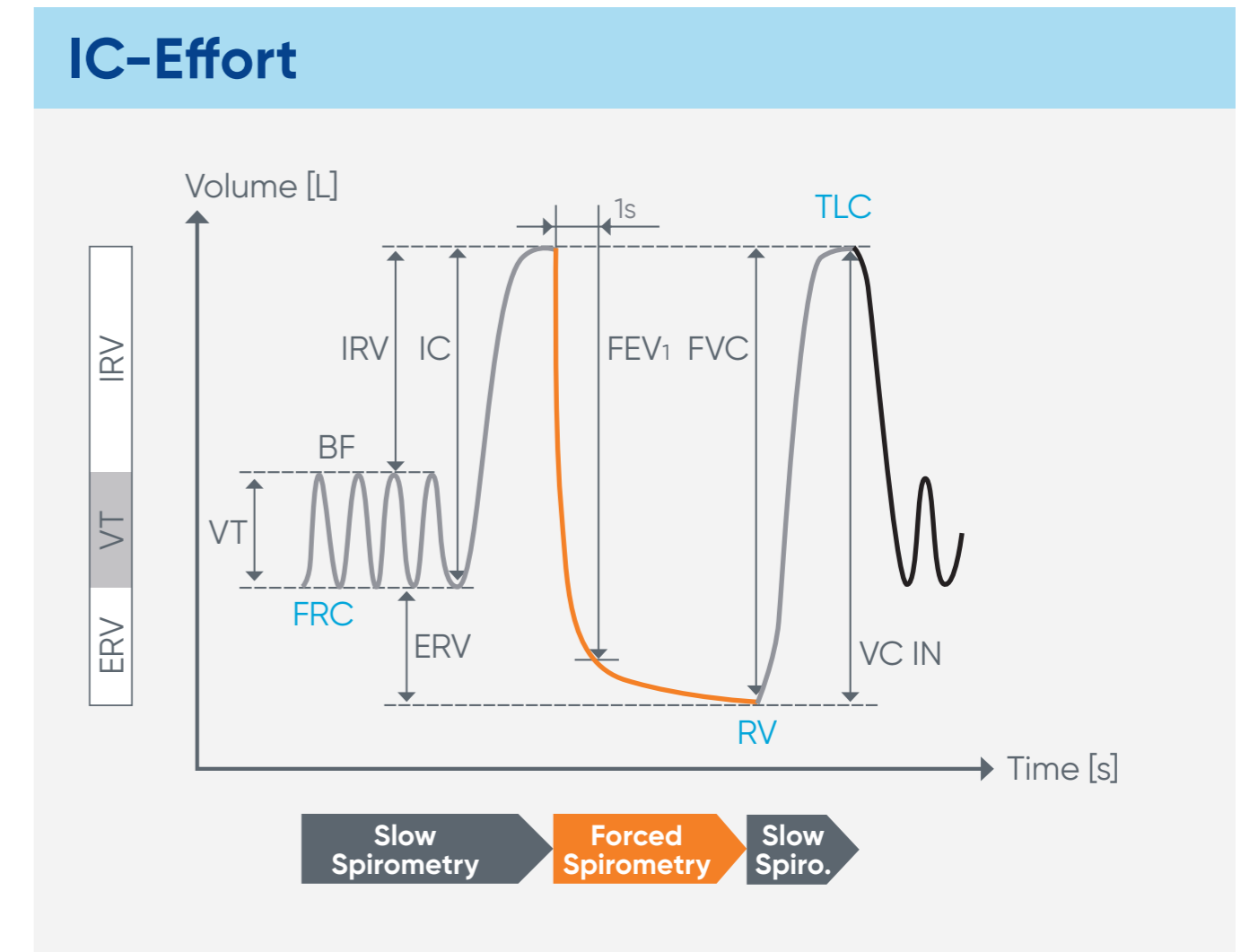
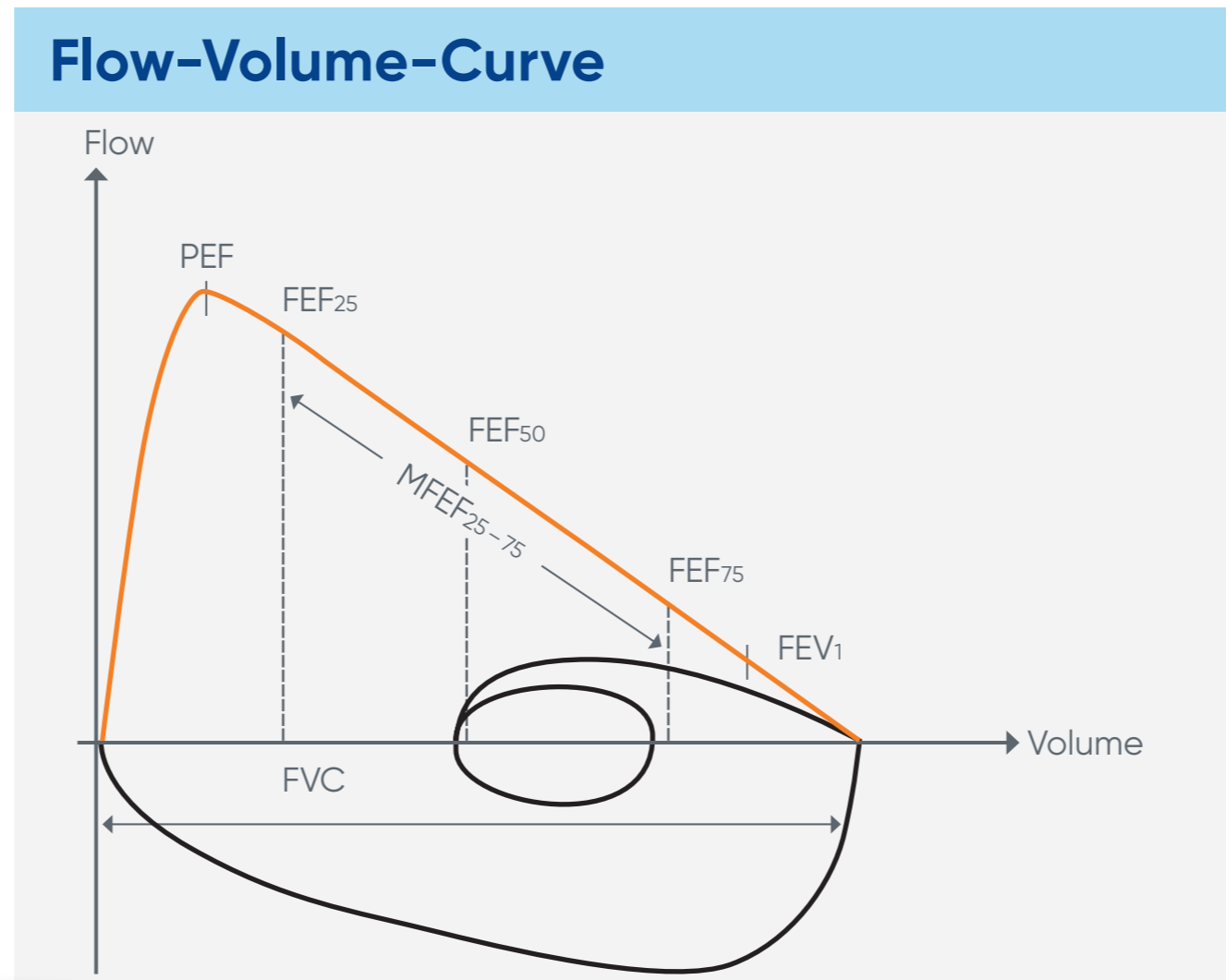
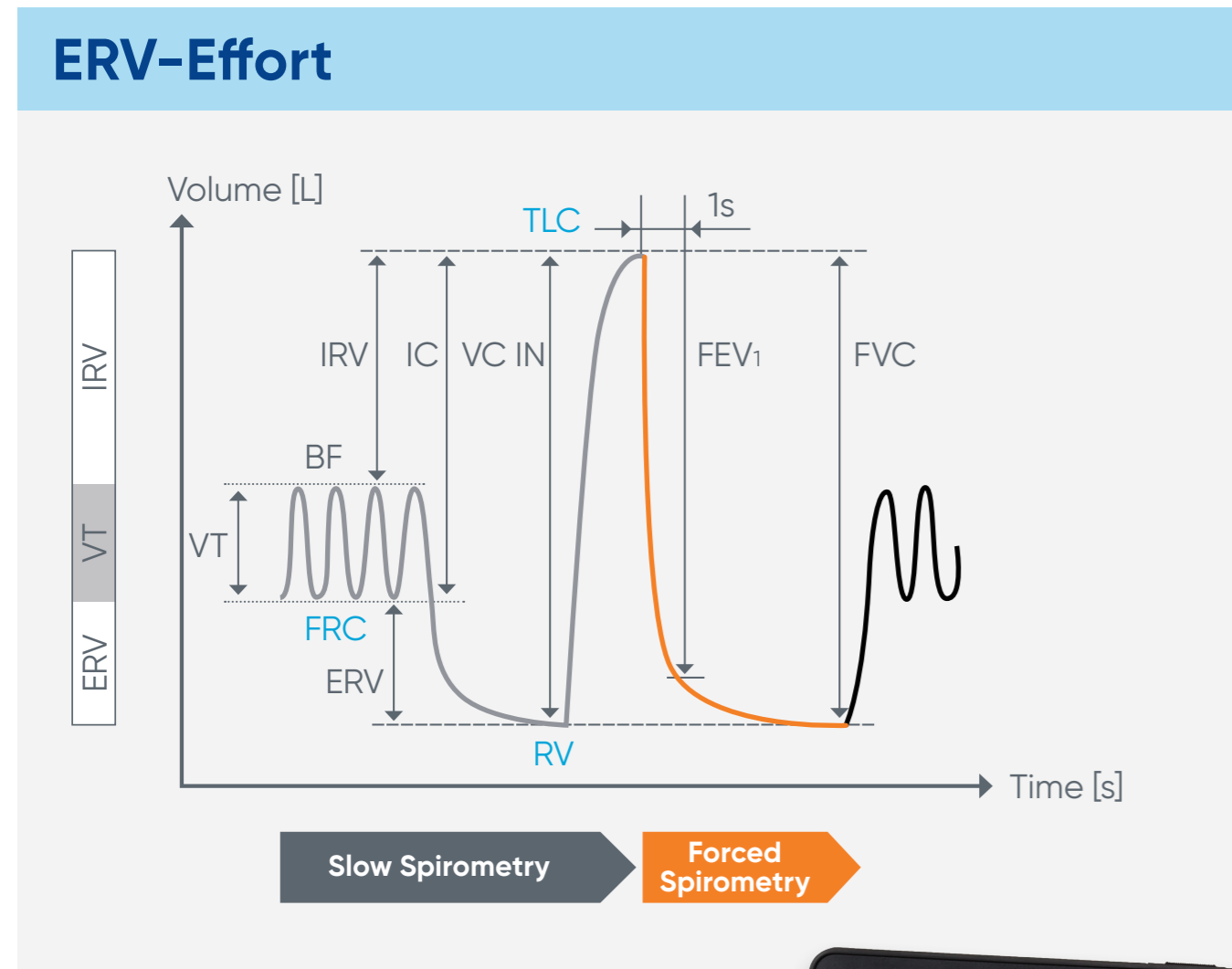
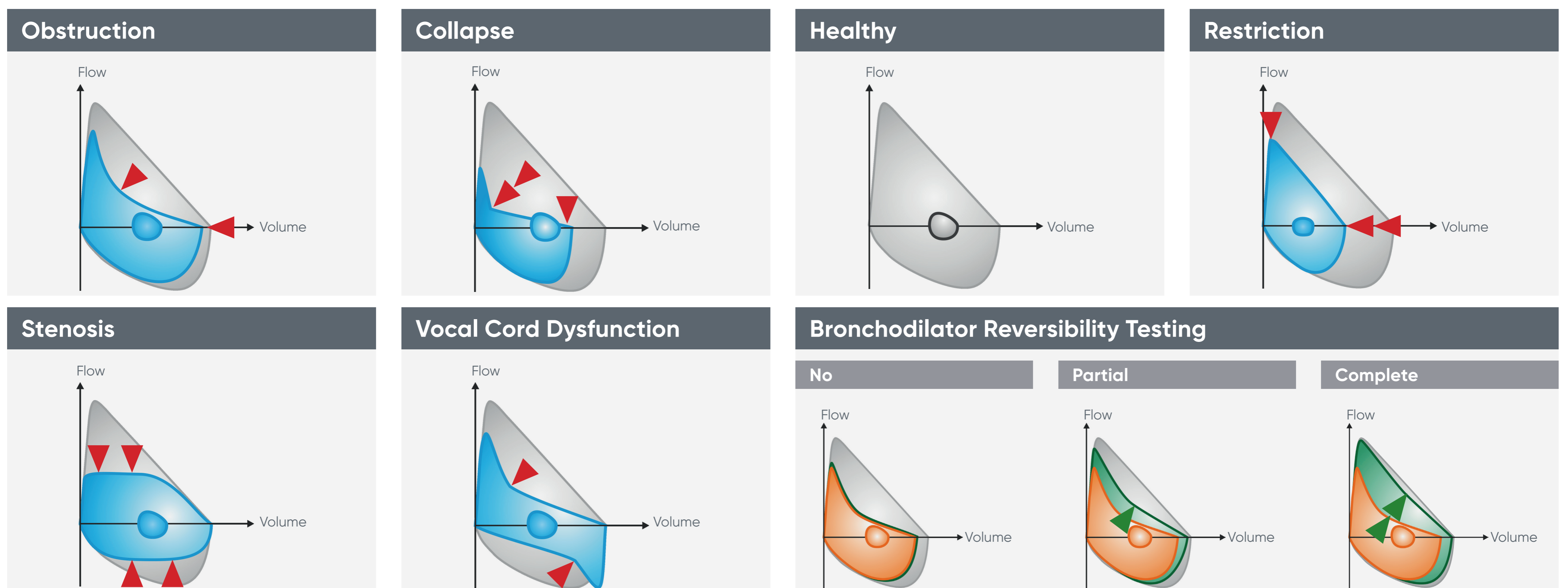


Breathing Maneuvers

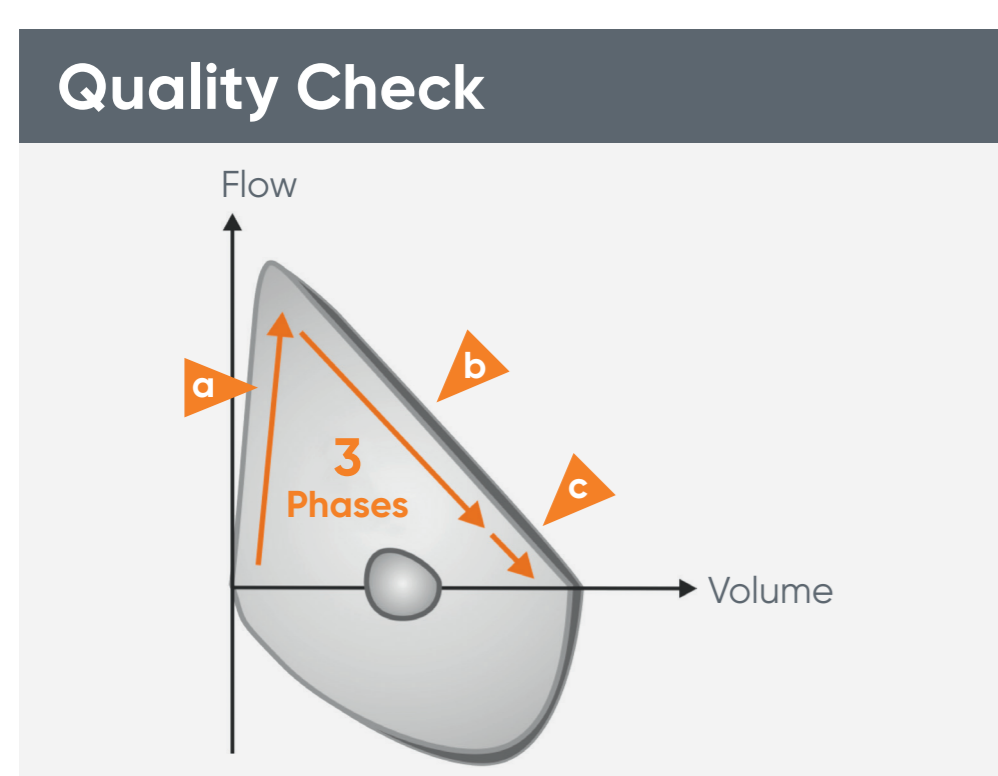


	Parameters	Description
Forced Spirometry	FEV ₁	Forced expiratory volume in 1 second
	FVC	Forced vital capacity
	FEV ₁ % FVC	Tiffeneau-index; FEV ₁ in % of forced vital capacity
	PEF	Peak expiratory flow
	MFEF ₂₅₋₇₅	Mean forced expiratory flow between 25% and 75% of FVC
	FEF ₂₅	Forced expiratory flow when 25% of FVC has been exhaled
	FEF ₅₀	Forced expiratory flow when 50% of FVC has been exhaled
Slow Spirometry	VC IN (IVC)	Inspiratory vital capacity
	IC	Inspiratory capacity
	IRV	Inspiratory reserve volume
	ERV	Expiratory reserve volume
	VT	Tidal volume
	BF	Breathing frequency

Typical Flow-Volume-Loop Pattern in Health and Disease



Quality Assessment of the Flow-Volume-Loop



Description	
a	Flow accelerating phase >> STEEP
b	Flow limitation phase >> REPRODUCIBLE
c	End of expiration >> FLOWED OUT
1	Hesitation
2	Coughing
3	Premature termination
4	Slow exhalation
5	Incomplete exhalation Volume drift Leakage at mouth
6	Incomplete inhalation

