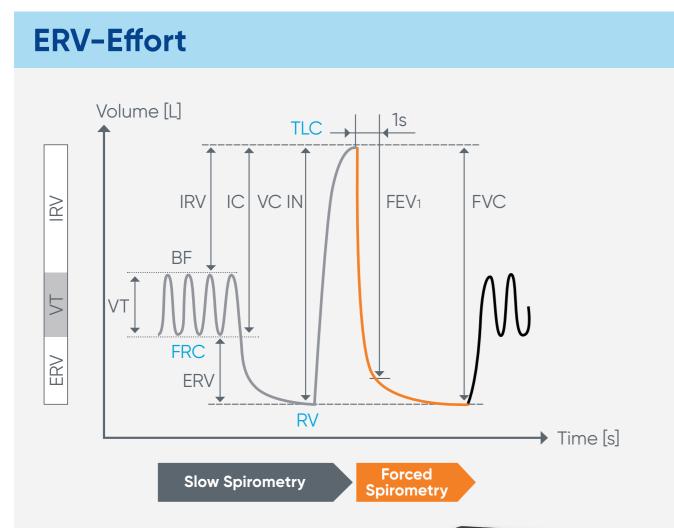
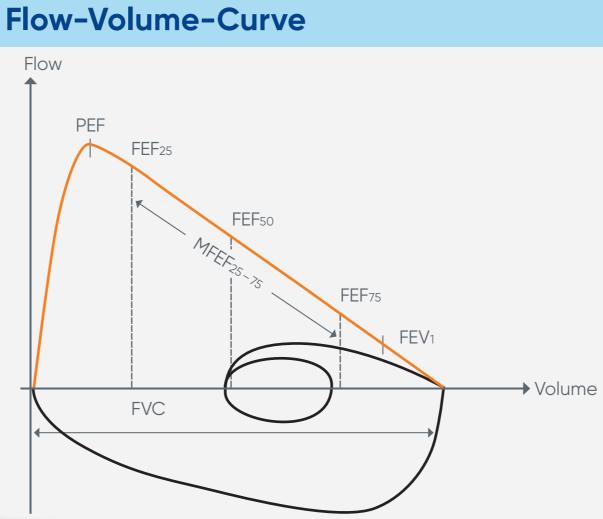
# Forced Spirometry

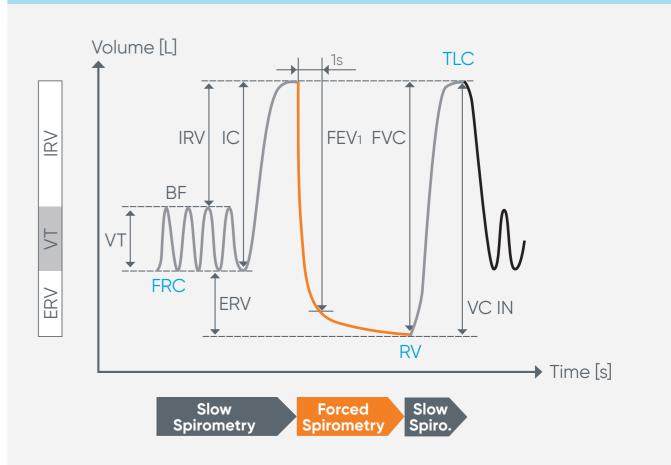


## **Breathing Maneuvers**





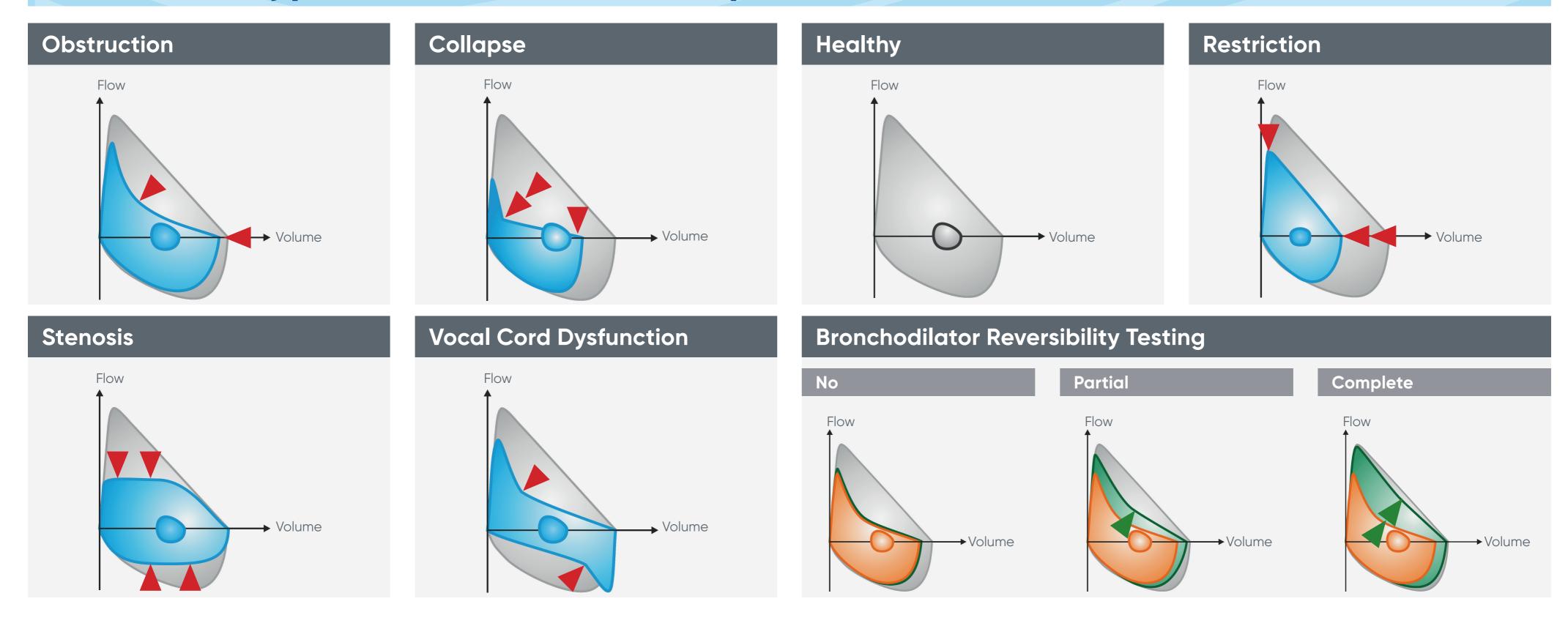
### **IC-Effort**



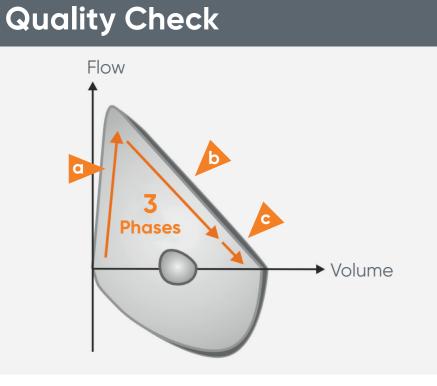


	Parameters	Description
Forced Spirometry	FEV1	Forced expiratory volume in 1 second
	FVC	Forced vital capacity
	FEV1 % FVC	Tiffeneau-index; FEV1 in % of forced vital capacity
	PEF	Peak expiratory flow
	MFEF25-75	Mean forced expiratory flow between 25% and 75% of FVC
	FEF <sub>25</sub>	Forced expiratory flow when 25% of FVC has been exhaled
	FEF50	Forced expiratory flow when 50% of FVC has been exhaled
	FEF75	Forced expiratory flow when 75% 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
Ñ	BF	Breathing frequency

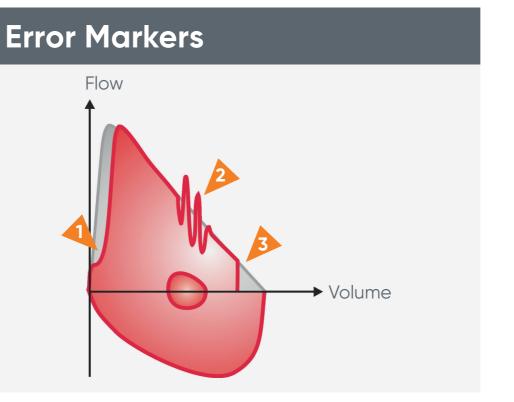
## **Typical Flow-Volume-Loop Pattern in Health and Disease**



## **Quality Assessment of the Flow-Volume-Loop**

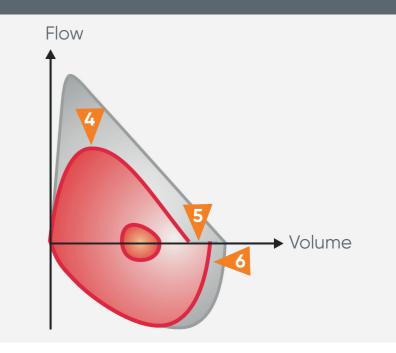


Description		
a	Flow accelerating phase >> <b>STEEP</b>	
b	Flow limitation phase >> <b>REPRODUCIBLE</b>	
С	End of expiration >> <b>FLOWED OUT</b>	
1	Hesitation	
2	Coughing	
3	Premature termination	
4	Slow exhalation	
5	Incomplete exhalation	
	Volume drift	
	Leakage at mouth	
6	Incomplete inhalation	



GLOBAL

### **Error Markers**

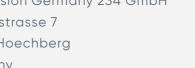


The content of this poster is provided as is and does not constitute medical advice which shall be obtained exclusively by consulting with a doctor or other qualified healthcare professional. The content is not intended to be a substitute for professional medical advice, diagnostics, or treatment.

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