

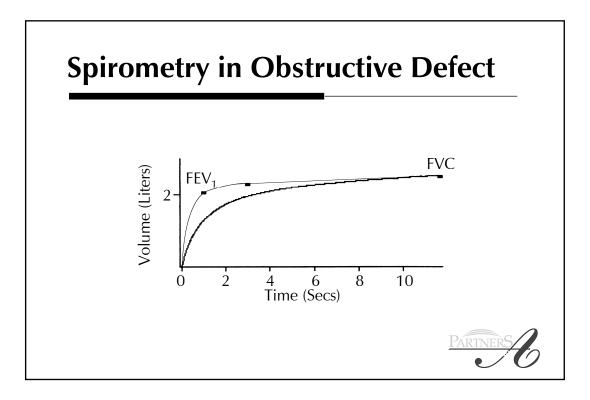
Defining the Normal Range of Values

Normal ranges around the predicted average:

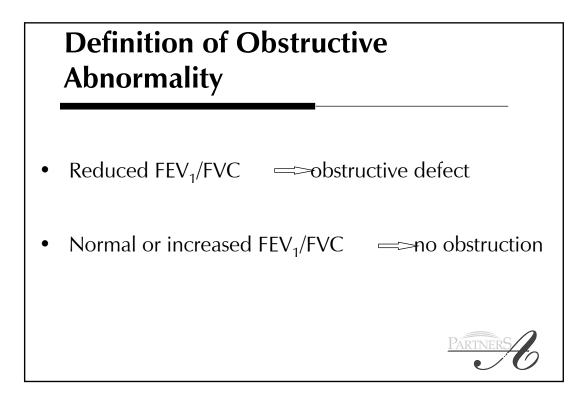
- Most widely used method:
 - FEV₁ and FVC \geq 80% (100% \pm 20%)
 - $FEV_1/FVC \ge 95\%$
- 95% confidence intervals (<u>></u> lower limit of normal)

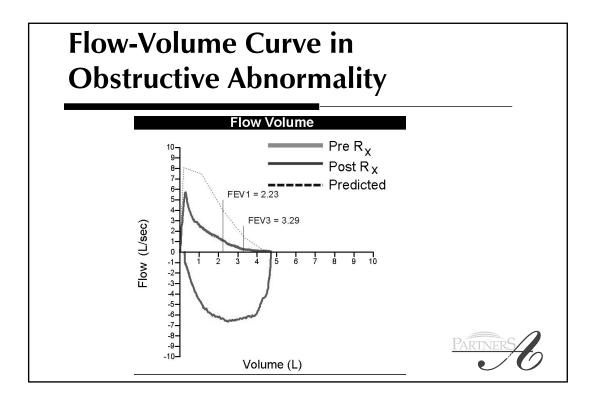
Normal Spirometry						
Spirom	etry (BT	ΈΡς				
Spirom	Cuy (Di	13)		Predict	ed Range	
		<u>Actual</u>	<u>% Pred</u>	Mean	<u>95% Cl</u>	
FVC	(Lts)	5.70	109	5.19	4.14	
FEV ₁	(Lts)	4.45	105	4.22	3.35	
FEV ₁ /FVC	(%)	78	98	79	71	
FEF ₂₅₋₇₅	(L/s)	3.99	93	4.29		
PEFR	(L/s)	9.98	105	9.48		
FET	(Secs)	16.81			Partner	

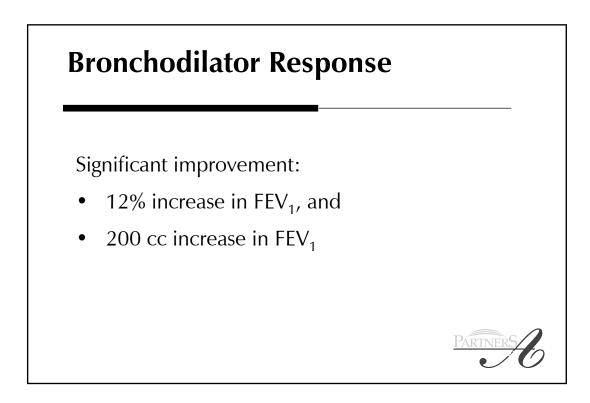
Norn	nal Sr	oirome	try			
NOT	iai Sp	mome				
Spirom	etry (B1	PS)				
				Predicte	Predicted Range	
		<u>Actual</u>	<u>% Pred</u>	Mean	<u>95% Cl</u>	_
FVC	(Lts)	5.70	109	5.19	4.14	
FEV_1	(Lts)	4.45	105	4.22	3.35	
FEV ₁ /FVC	(%)	78	98	79	71	
FEF ₂₅₋₇₅	(L/s)	3.99	93	4.29		1
PEFR	(L/s)	9.98	105	9.48		
FET	(Secs)	16.81			PART	INERS

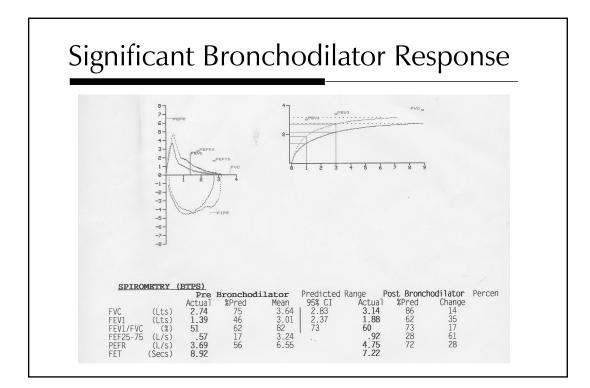


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Spirom	etry (BT	PS)		Predicte	ed Range
		<u>Actual</u>	<u>% Pred</u>	<u>Mean</u>	<u>95% Cl</u>
FVC	(Lts)	2.53	100	2.51	1.7
FEV ₁	(Lts)	1.31	63	2.05	1.41
FEV ₁ /FVC	(%)	51	63	80	71
FEF ₂₅₋₇₅	(L/s)	0.55	25	2.16	
PEFR	(L/s)	3.67	75	4.85	
	,				PARTNER

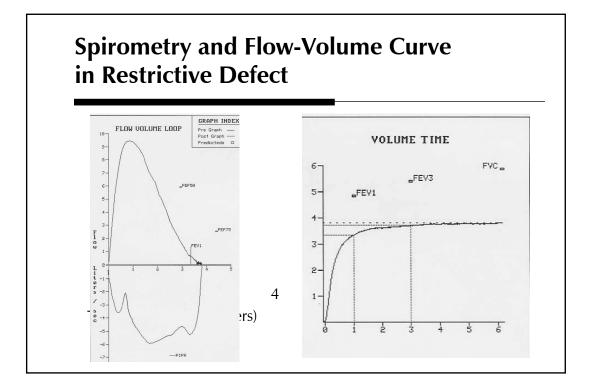


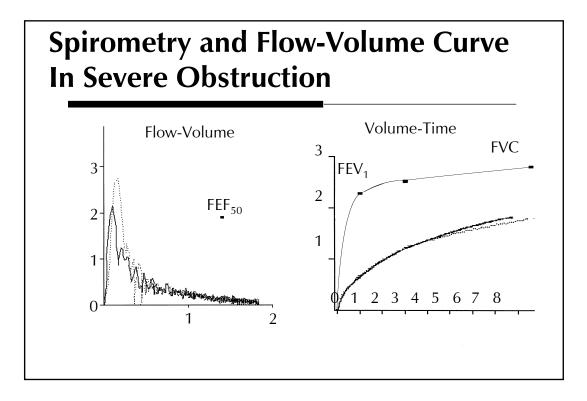






Spirom	etry (BT	PS)		Predict	ed Range
		<u>Actual</u>	<u>% Pred</u>	Mean	95% CI
FVC	(Lts)	3.82	64	5.88	4.83
FEV ₁	(Lts)	3.36	69	4.85	3.99
FEV ₁ /FVC	C (%)	88	108	81	73
FEF ₂₅₋₇₅	(L/s)	4.6	91	5.02	
PEFR	(L/s)	9.43	91	10.28	
FET	(Secs)	6.15			PARTNERS





Severe Obstructive Defect							
Spirom	etry (B ⁻	TPS) Pre -brond	abadilatar	Predict	ed Range		
		Actual	<u>% Pred</u>	Mean	<u>95% Cl</u>		
FVC	(Lts)	1.84	65	2.80	1.98		
FEV ₁	(Lts)	0.66	28	2.28	1.63		
FEV ₁ /FVC	(%)	36	45	80	71		
FEF ₂₅₋₇₅	(L/s)	0.26	10	2.39			
PEFR	(L/s)	2.16	39	5.51			
FET	(Secs)	7.76			PARTNERS		

