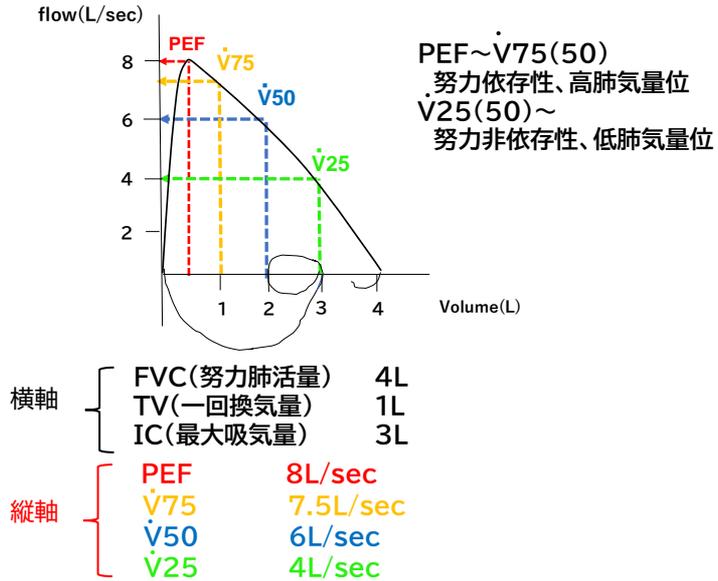
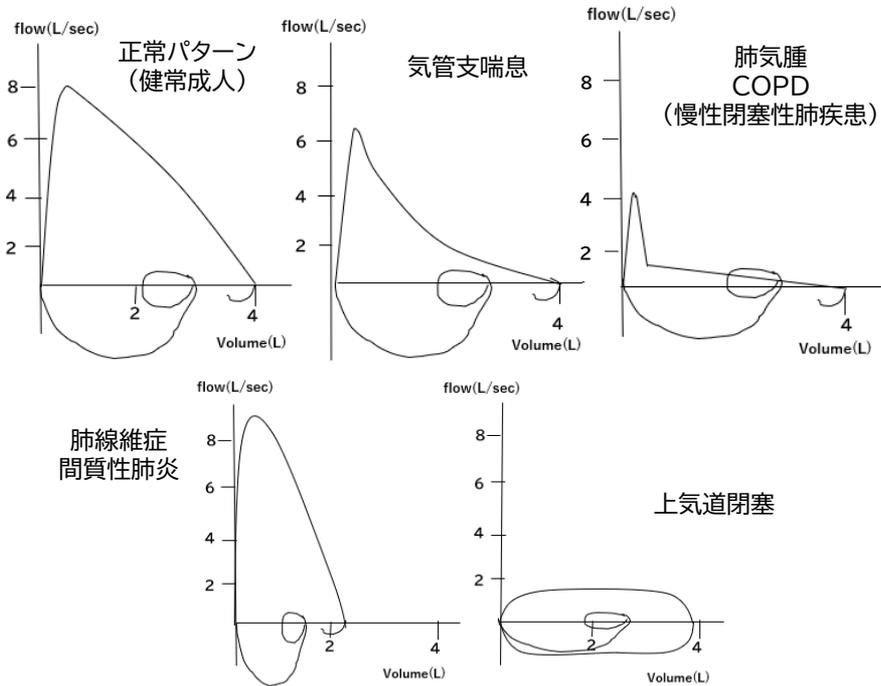


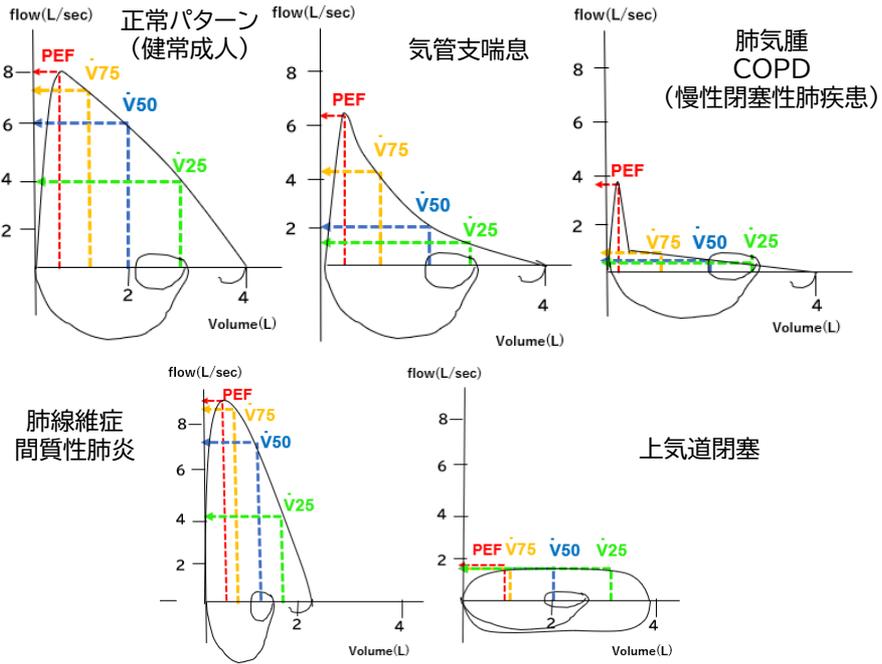
# フローボリューム曲線



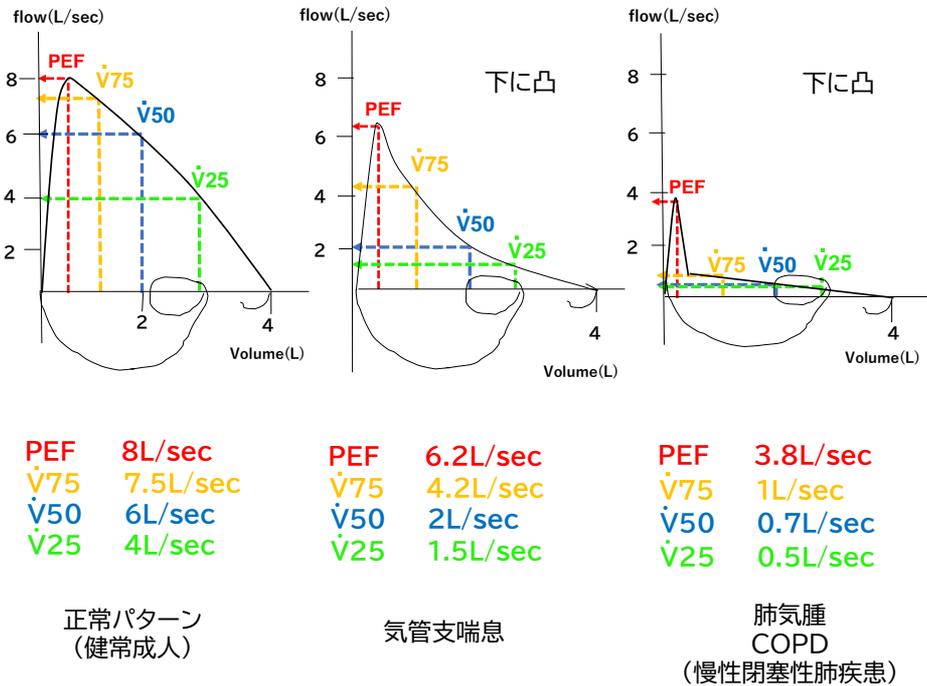
1



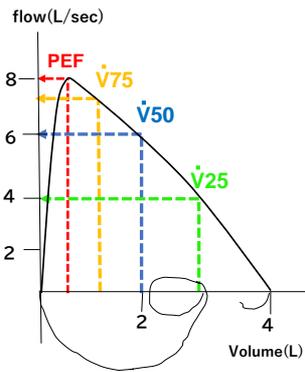
2



3



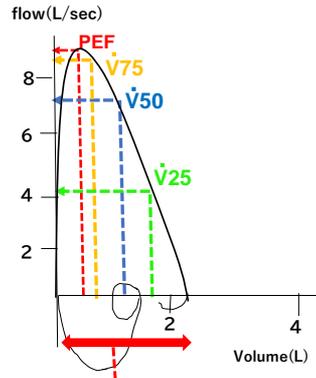
4



FVC(努力肺活量) 4L

PEF 8L/sec  
 $\dot{V}_{75}$  7.5L/sec  
 $\dot{V}_{50}$  6L/sec  
 $\dot{V}_{25}$  4L/sec

正常パターン  
 (健康成人)



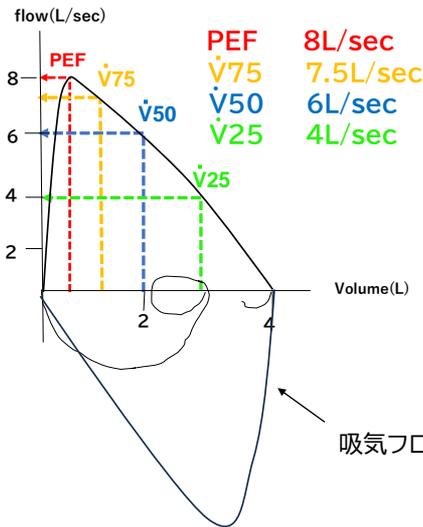
FVC(努力肺活量) 2L

PEF 9L/sec  
 $\dot{V}_{75}$  8.8L/sec  
 $\dot{V}_{50}$  7.2L/sec  
 $\dot{V}_{25}$  4.2L/sec

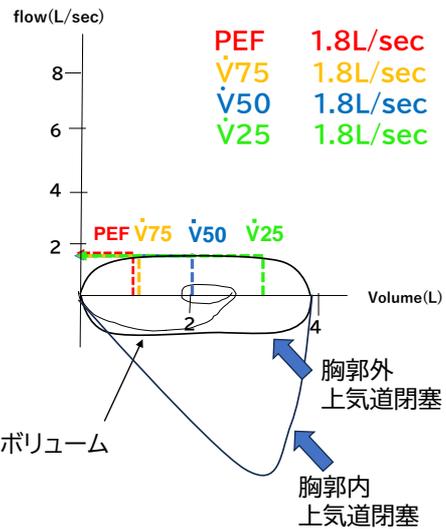
肺線維症  
 間質性肺炎

5

正常パターン(健康成人)

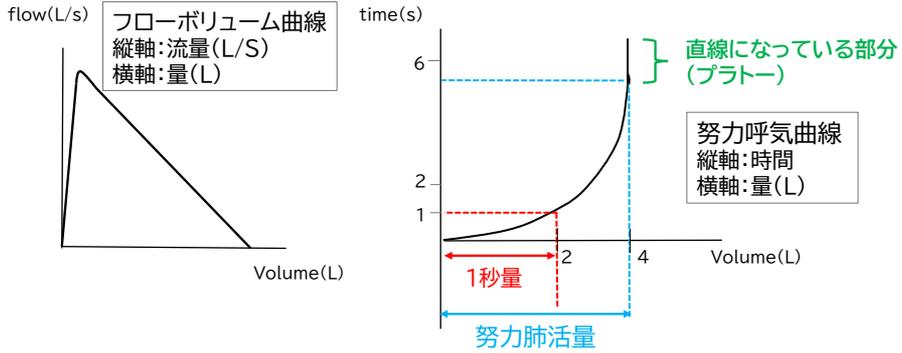


上気道閉塞



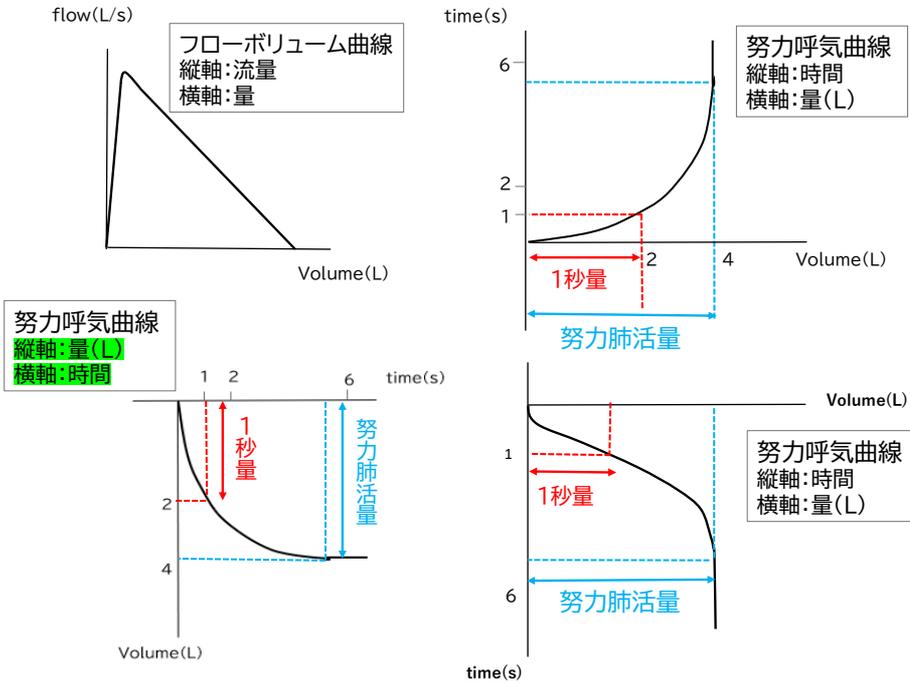
6

# 努力呼気曲線



1秒率(FEV1%)  
 ゲンスラーの1秒率 =  $1\text{秒量} \div \text{努力肺活量} \times 100$   
 $= 2 \div 4 \times 100$   
 $= 50 (\%)$   
 ティフィノーの1秒率 =  $1\text{秒量} \div \text{肺活量} \times 100$   
 ※1秒量、1秒率は加齢とともに低下する

7



8