



CONSORCI
HOSPITAL GENERAL
UNIVERSITARI
VALÈNCIA



Sistemas Automatizados en Ventilación Mecánica

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**Unidad de Cuidados Intensivos
Hospital Victoria Eugenia . Sevilla**



SARTD-CHGUV Sesión de Formación Continuada
Valencia 1 de Abril de 2014

Gestión de la Respuesta Ciclo a Ciclo en Ventilación Asistida



**SARTD-CHGUV Sesión de Formación Continuada
Valencia 1 de Abril de 2014**

Trigger

Gestión convencional

- Flujo
- Presión

Gestión “inteligente”

- Diferencia de potencial eléctrico en actividad diafragmática
- Gradientes de flujo / presión
- Seguimiento fisioelectrónico

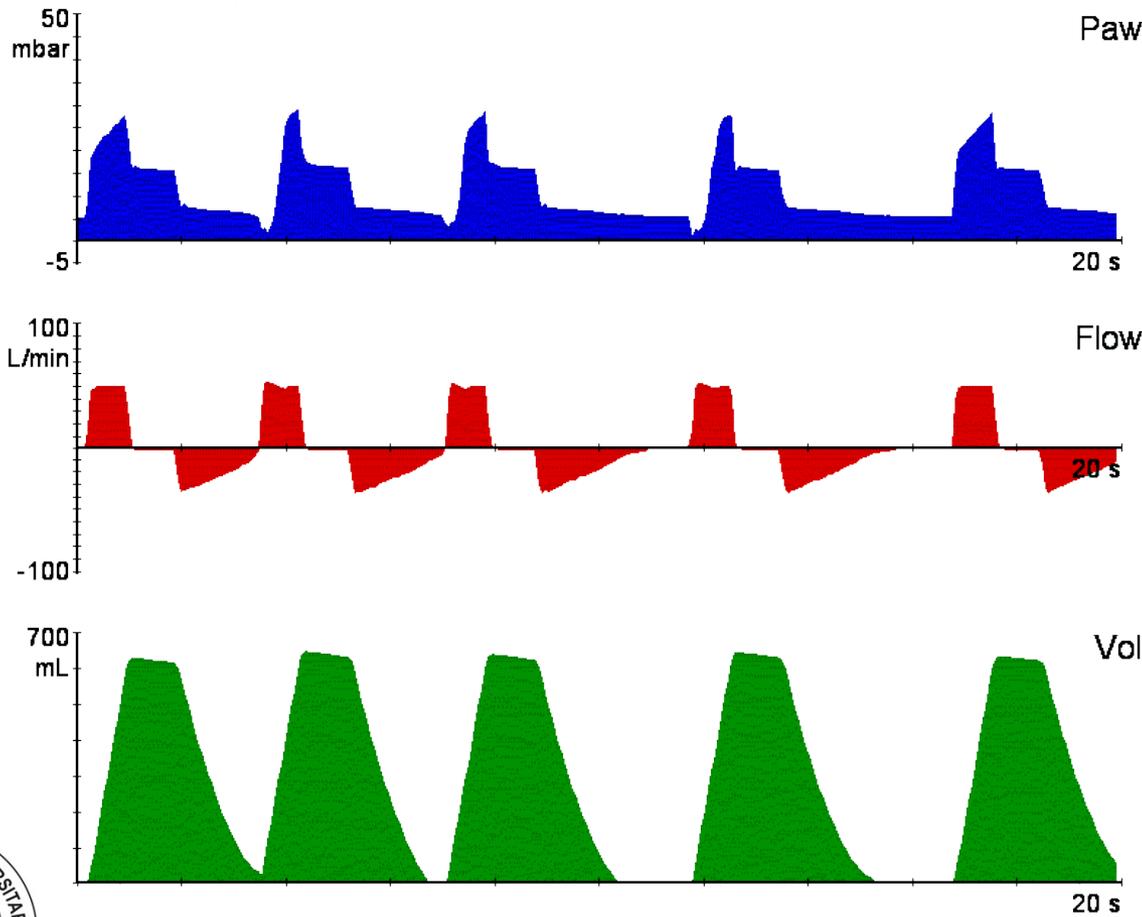


Sistemas de Respuesta Fija



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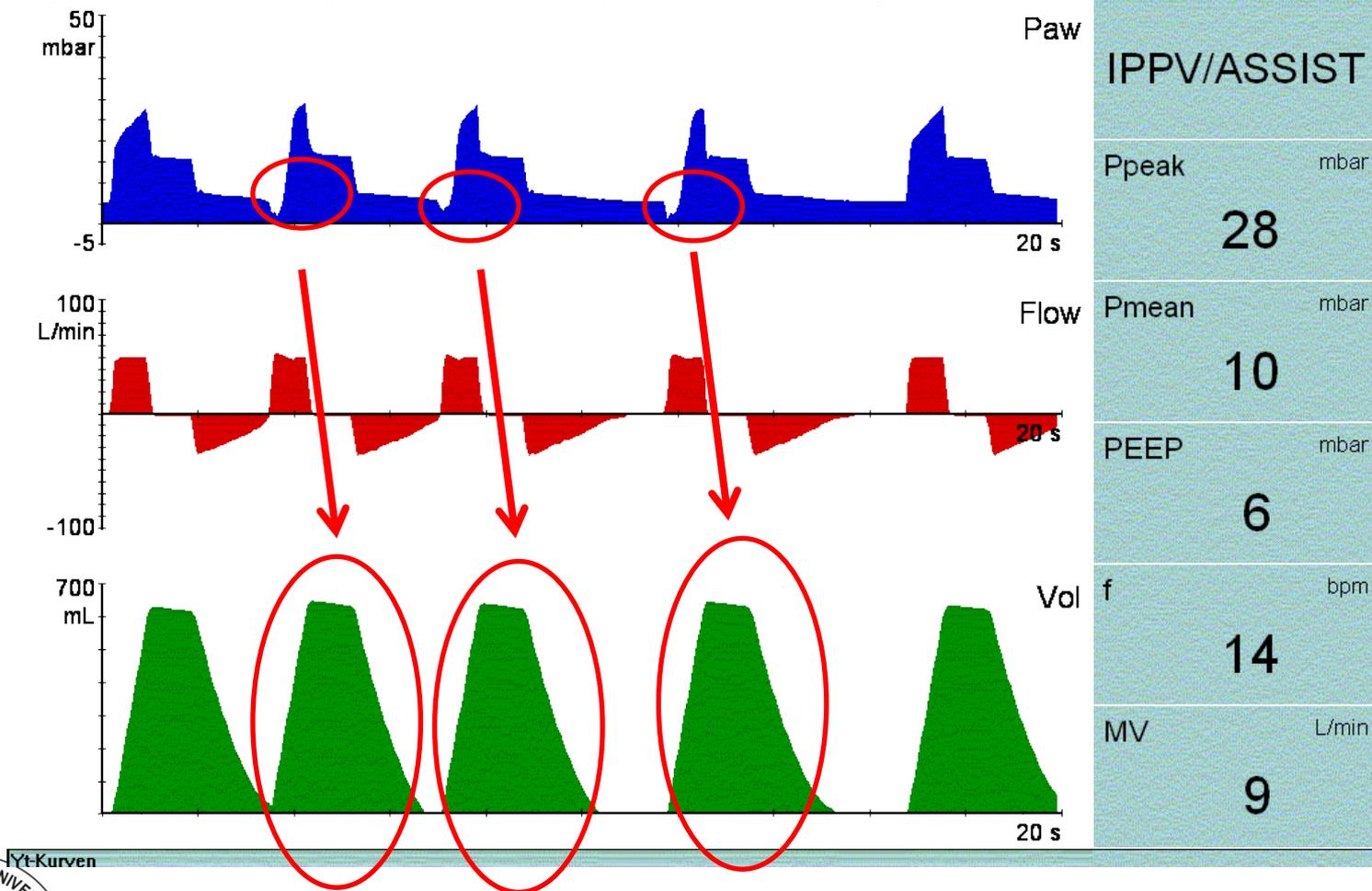
A/C V



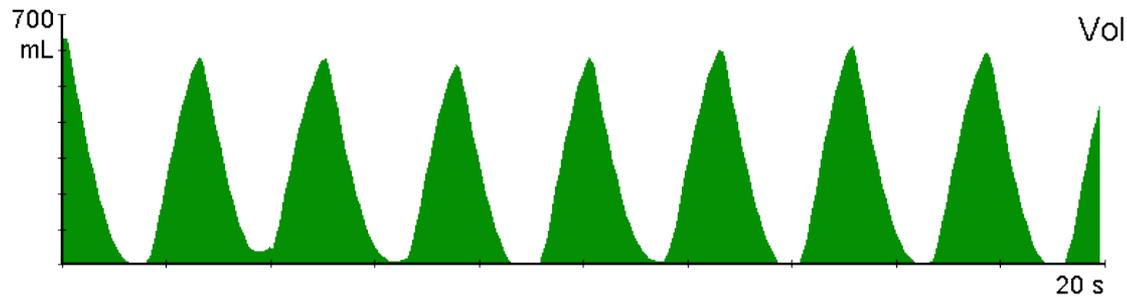
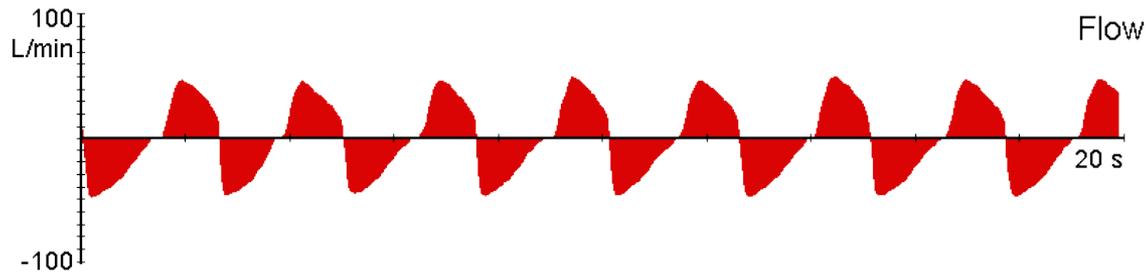
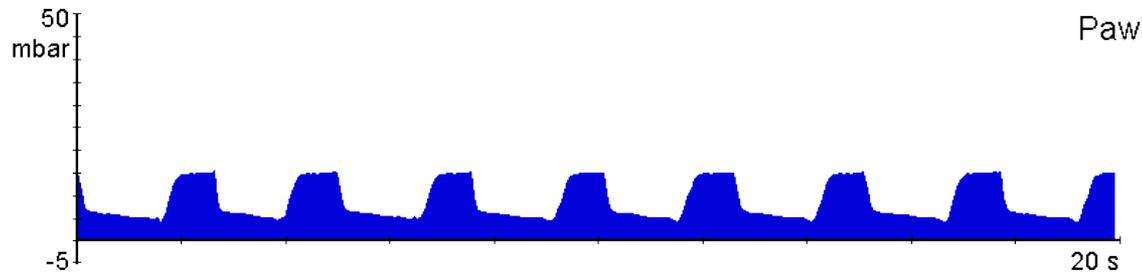
IPPV/ASSIST	
Ppeak	mbar
28	
Pmean	mbar
10	
PEEP	mbar
6	
f	bpm
14	
MV	L/min
9	



A/C V



ASB

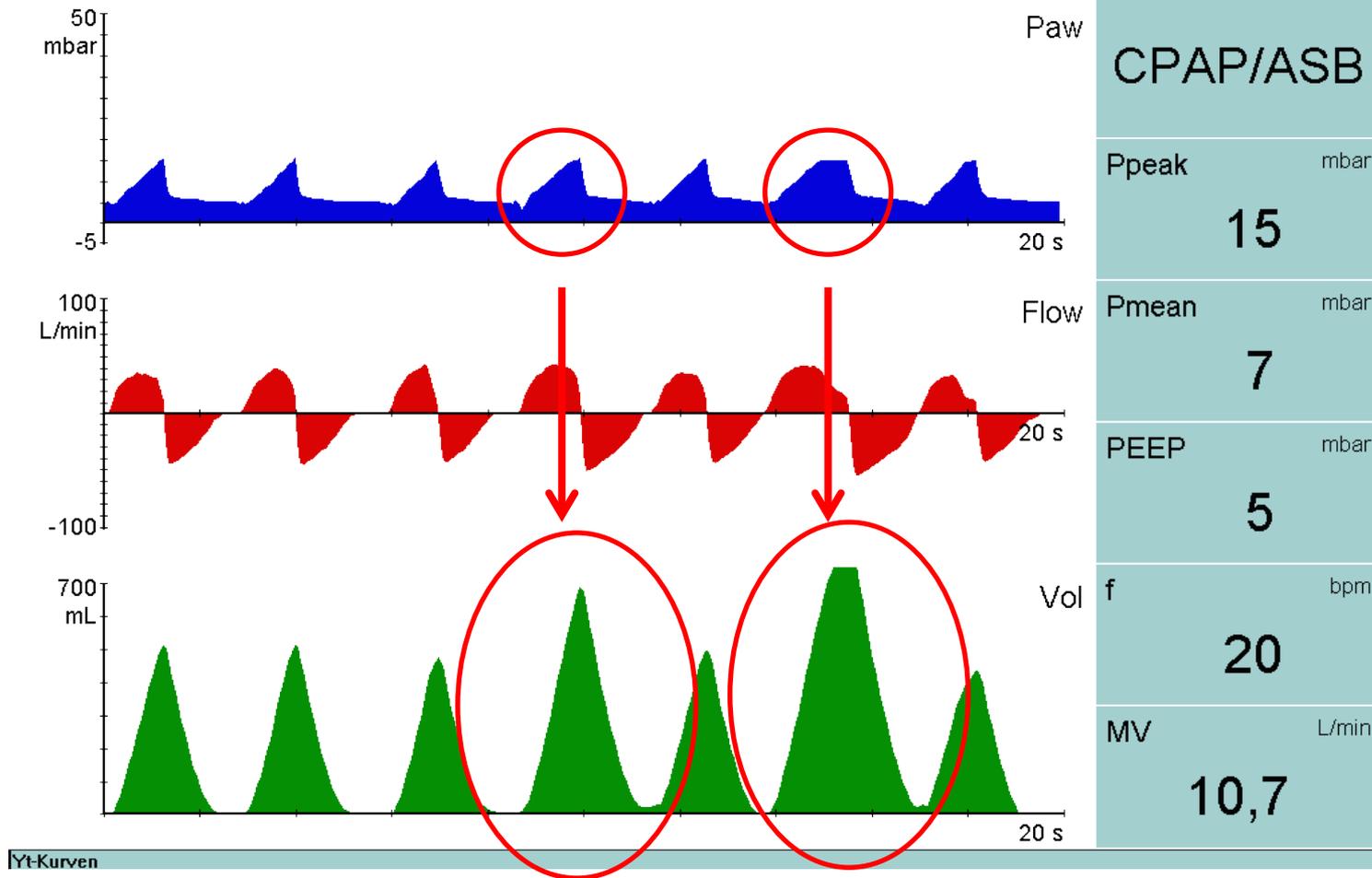


CPAP/ASB	
Ppeak	mbar
15	
Pmean	mbar
9	
PEEP	mbar
5	
f	bpm
23	
MV	L/min
13,5	

Yt-Kurven



ASB

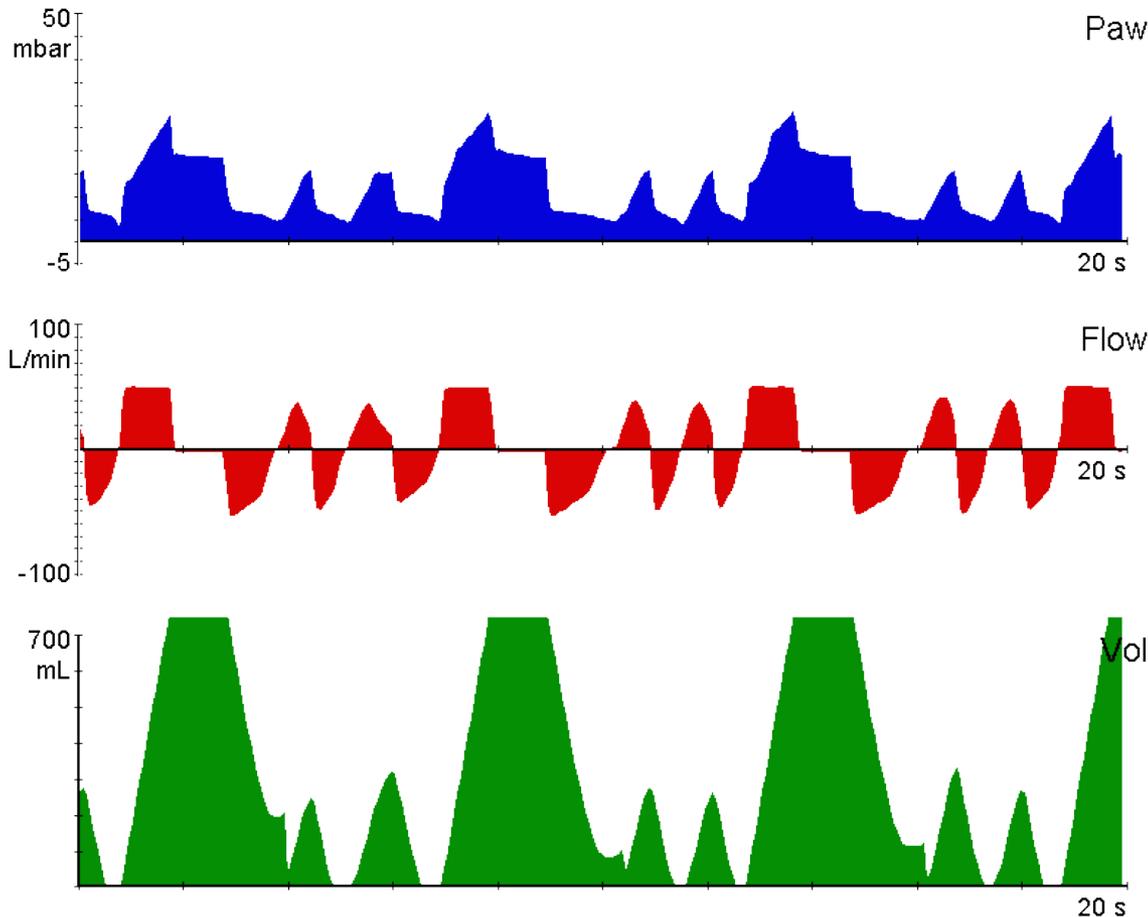


Sistemas de Respuesta Variable



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SIMV VC

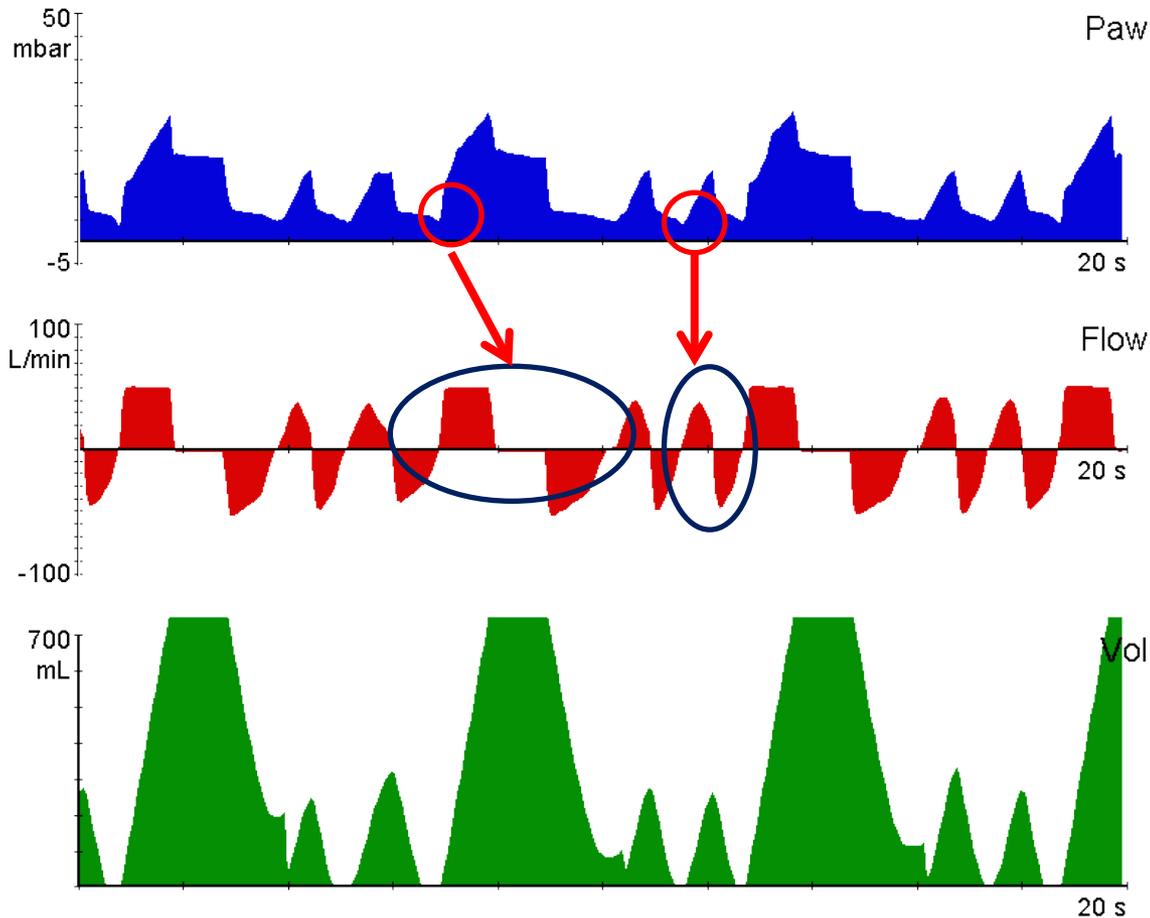


SIMV/ASB	
Ppeak	mbar
28	
Pmean	mbar
12	
PEEP	mbar
5	
f	bpm
32	
MV	L/min
12,8	

yt-Kurven



SIMV VC

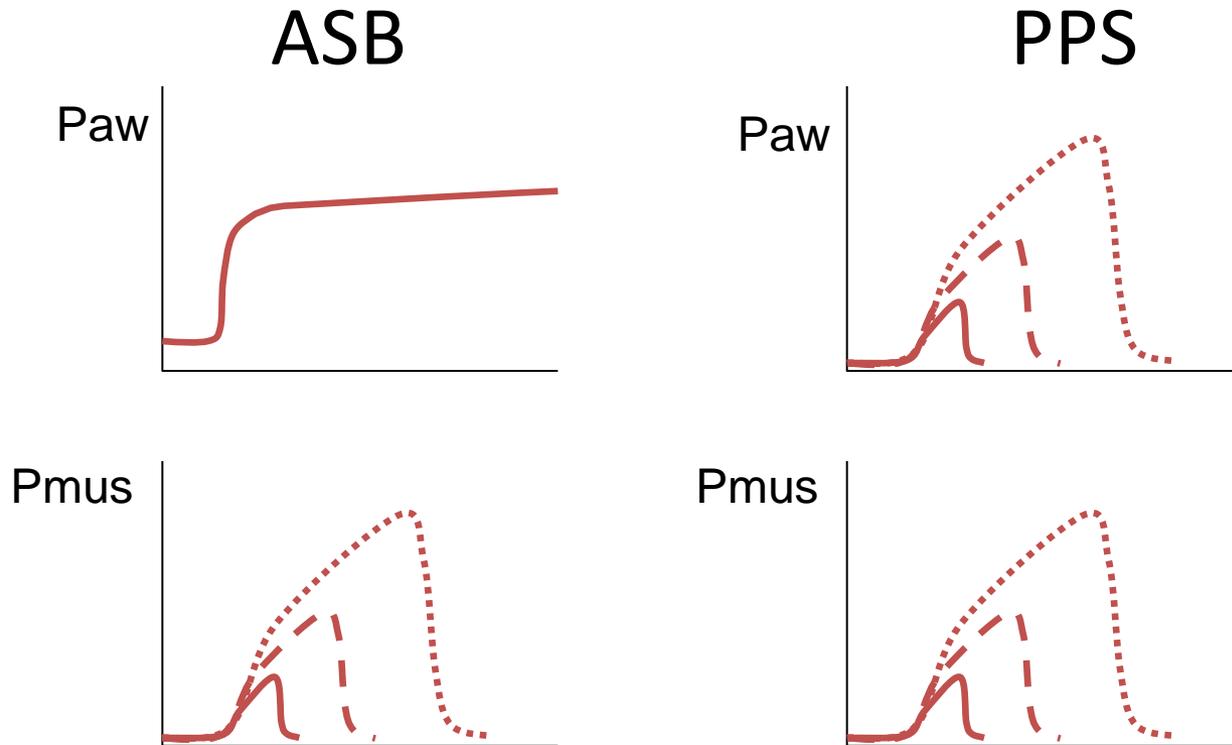


SIMV/ASB	
Ppeak	mbar
28	
Pmean	mbar
12	
PEEP	mbar
5	
f	bpm
32	
MV	L/min
12,8	



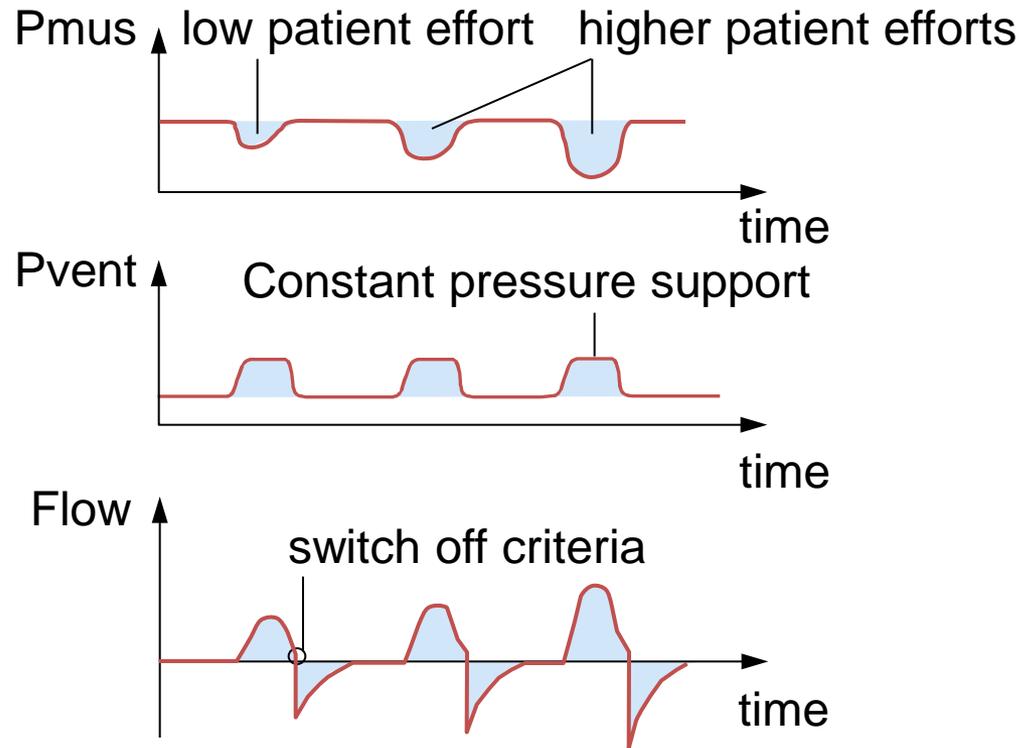
Yt-Kurven

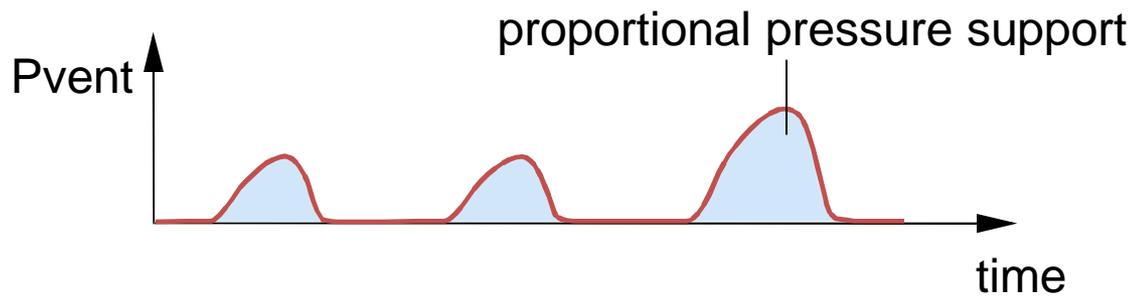
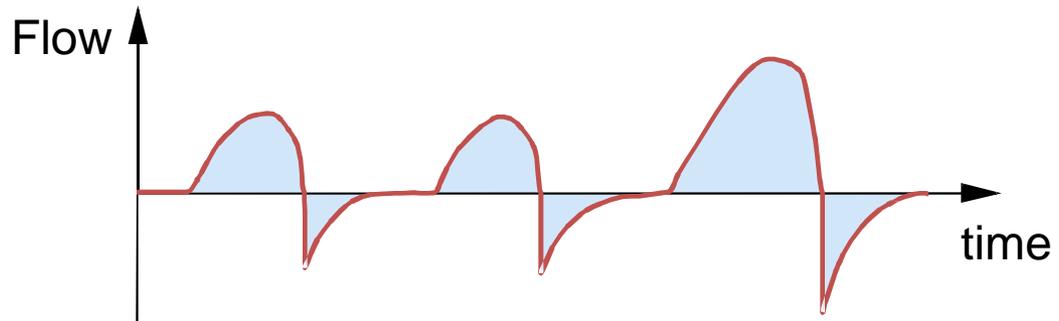
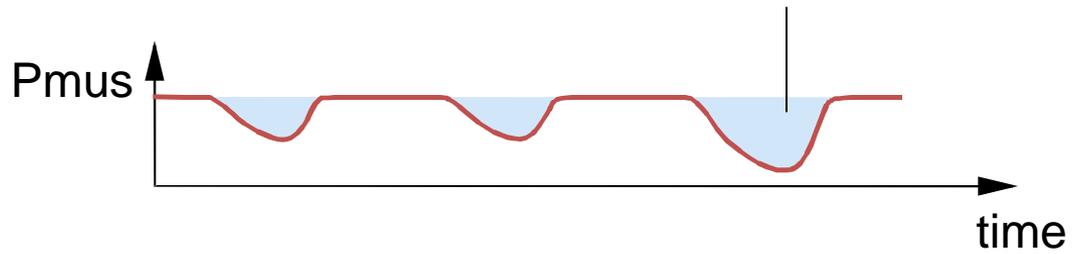
PPS

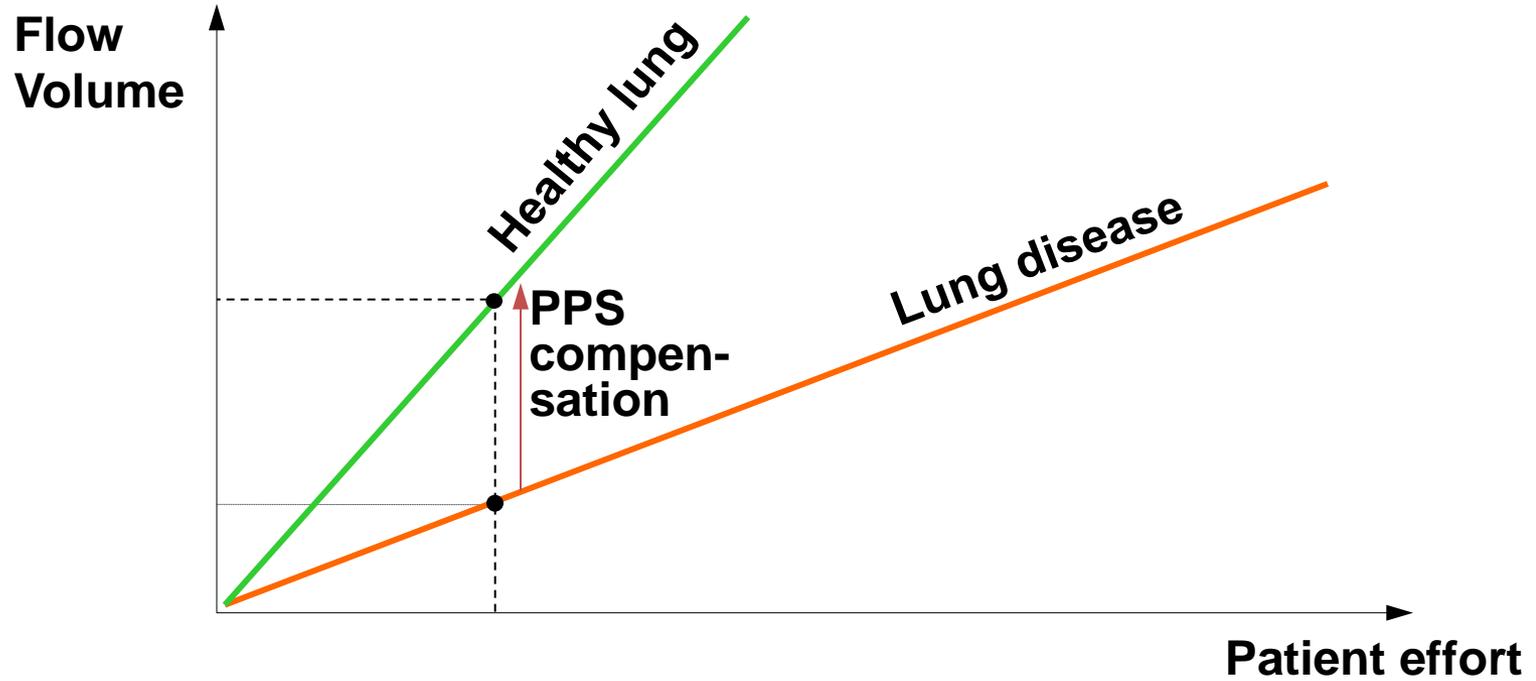


(Prof. Younes)

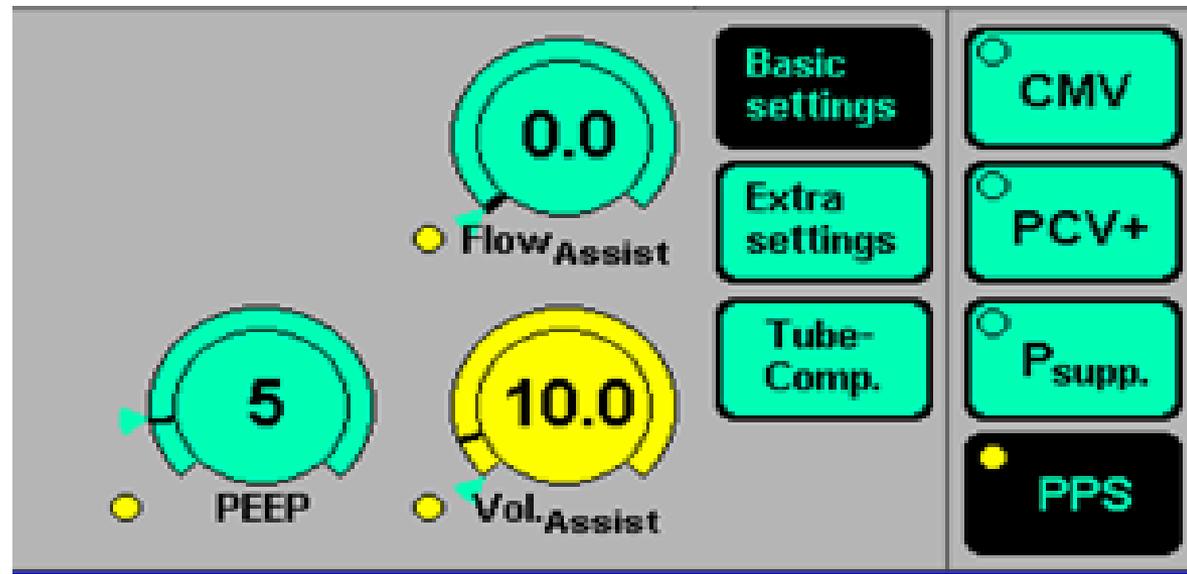
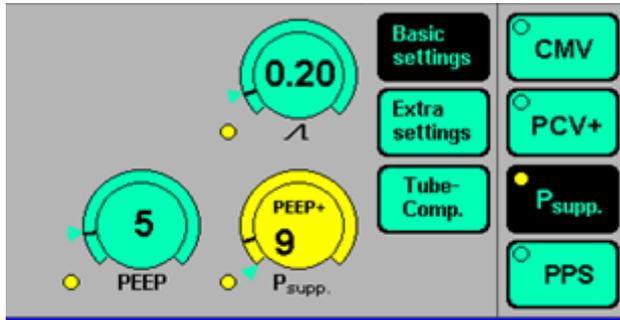




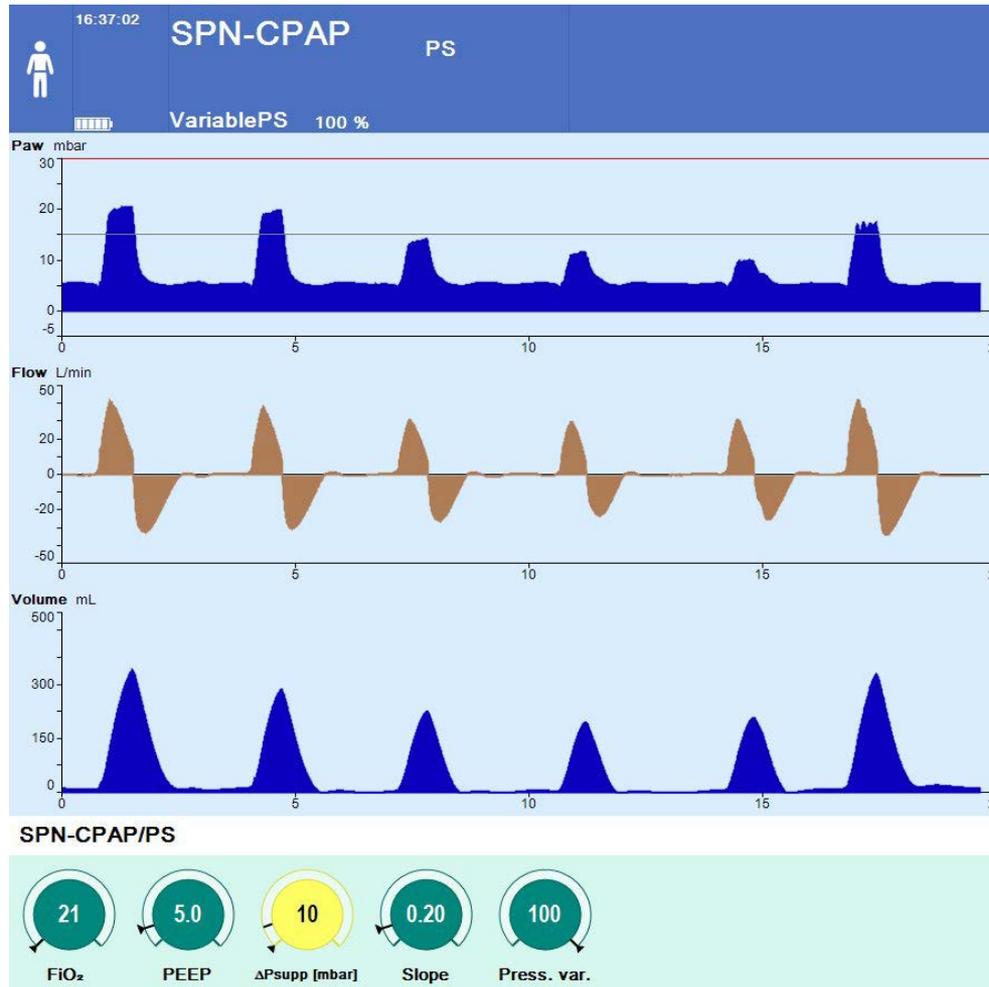




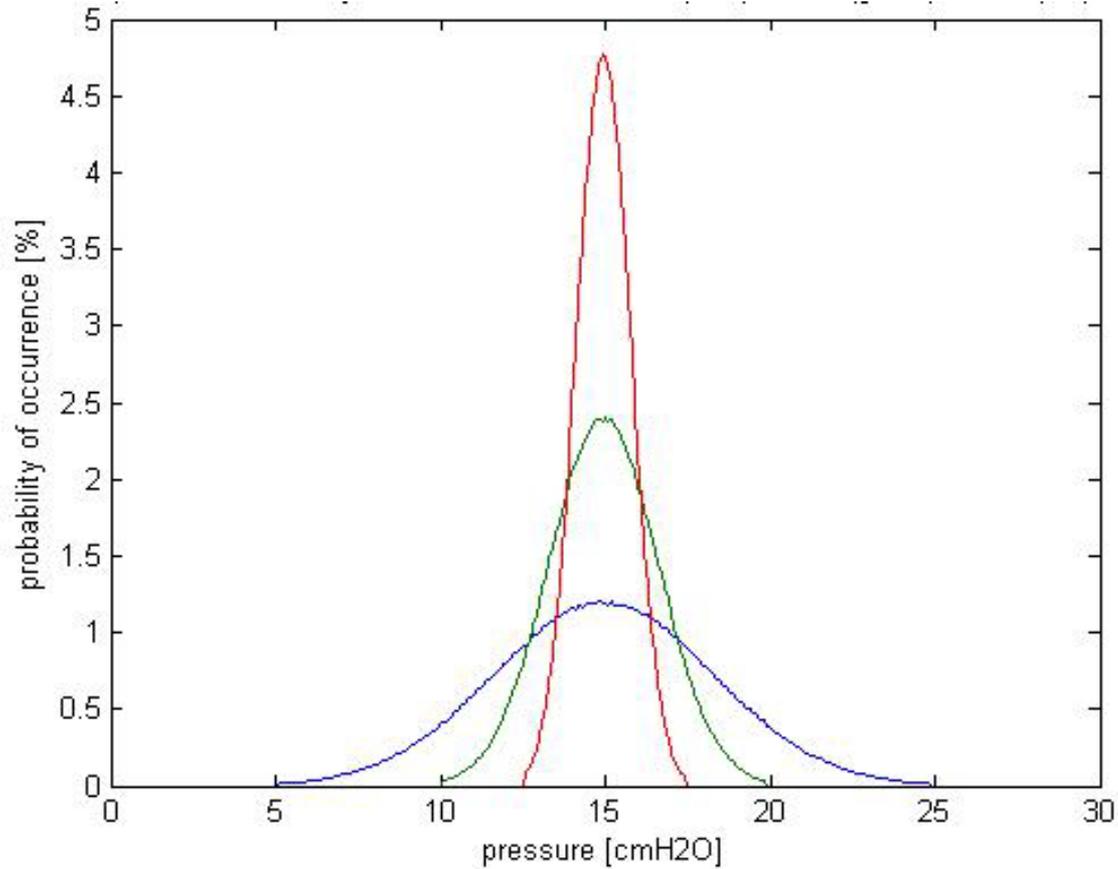
PPS



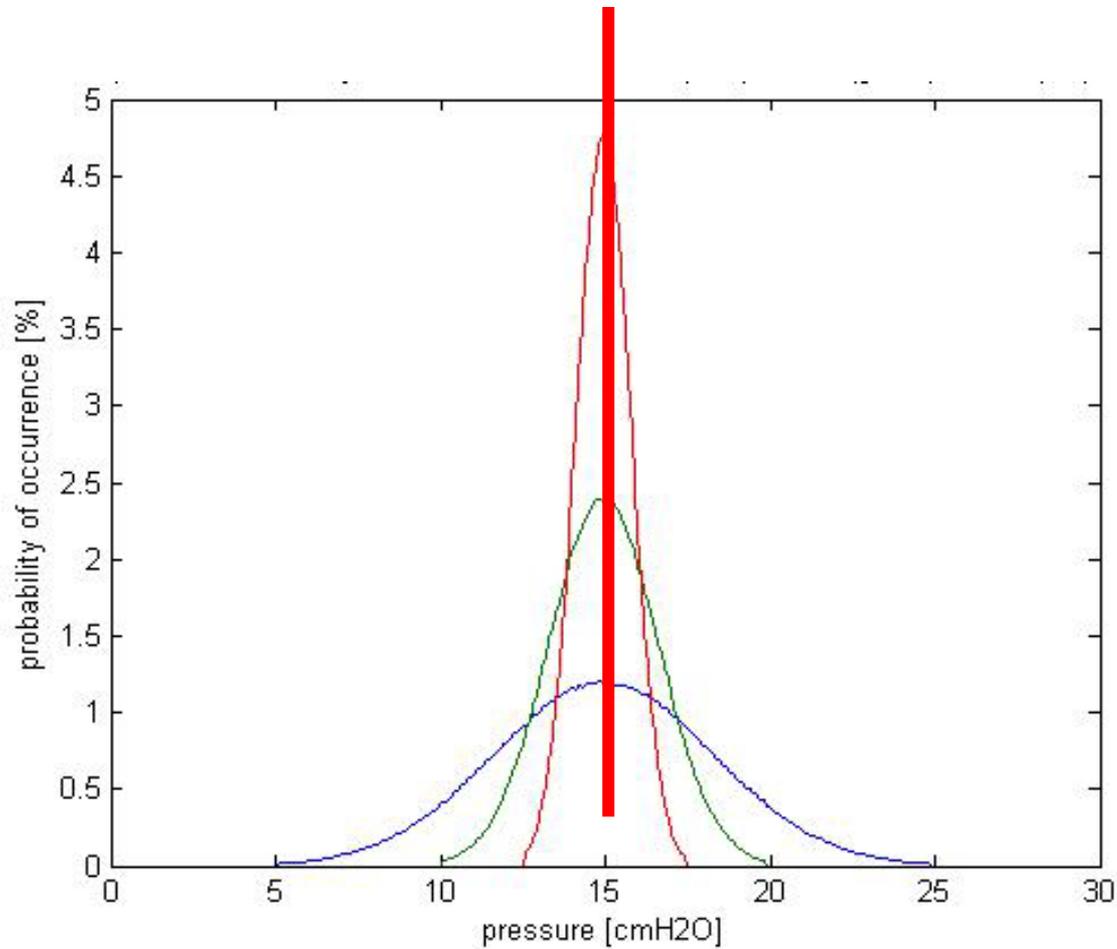
VPS



VPS



VPS

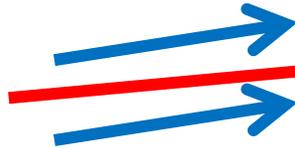


Gestión de Respuesta Ciclo a Ciclo en Ventilación Asistida No Invasiva



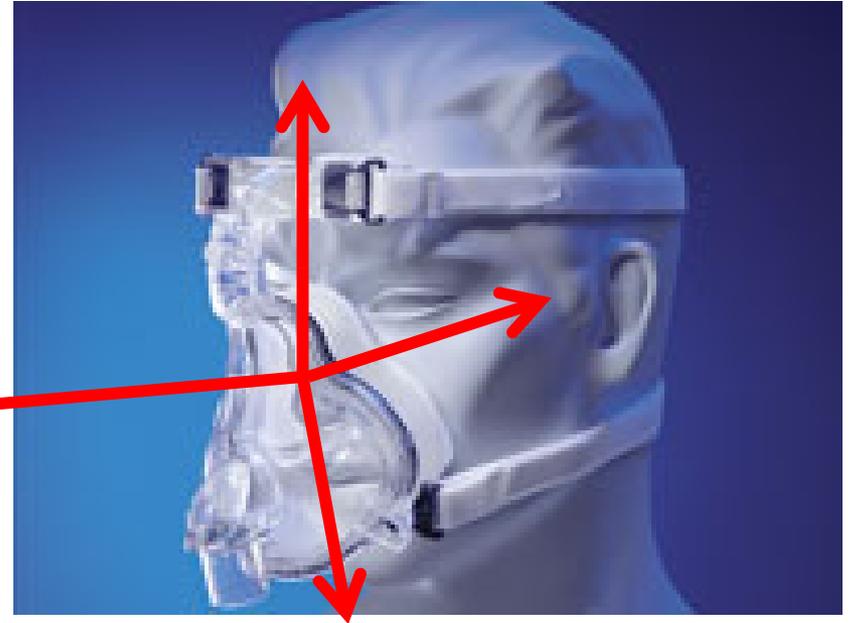
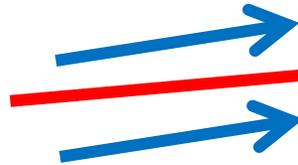
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Trigger “inteligente”



La inspiración del paciente es reconocida por el respirador como una corriente de flujo negativo

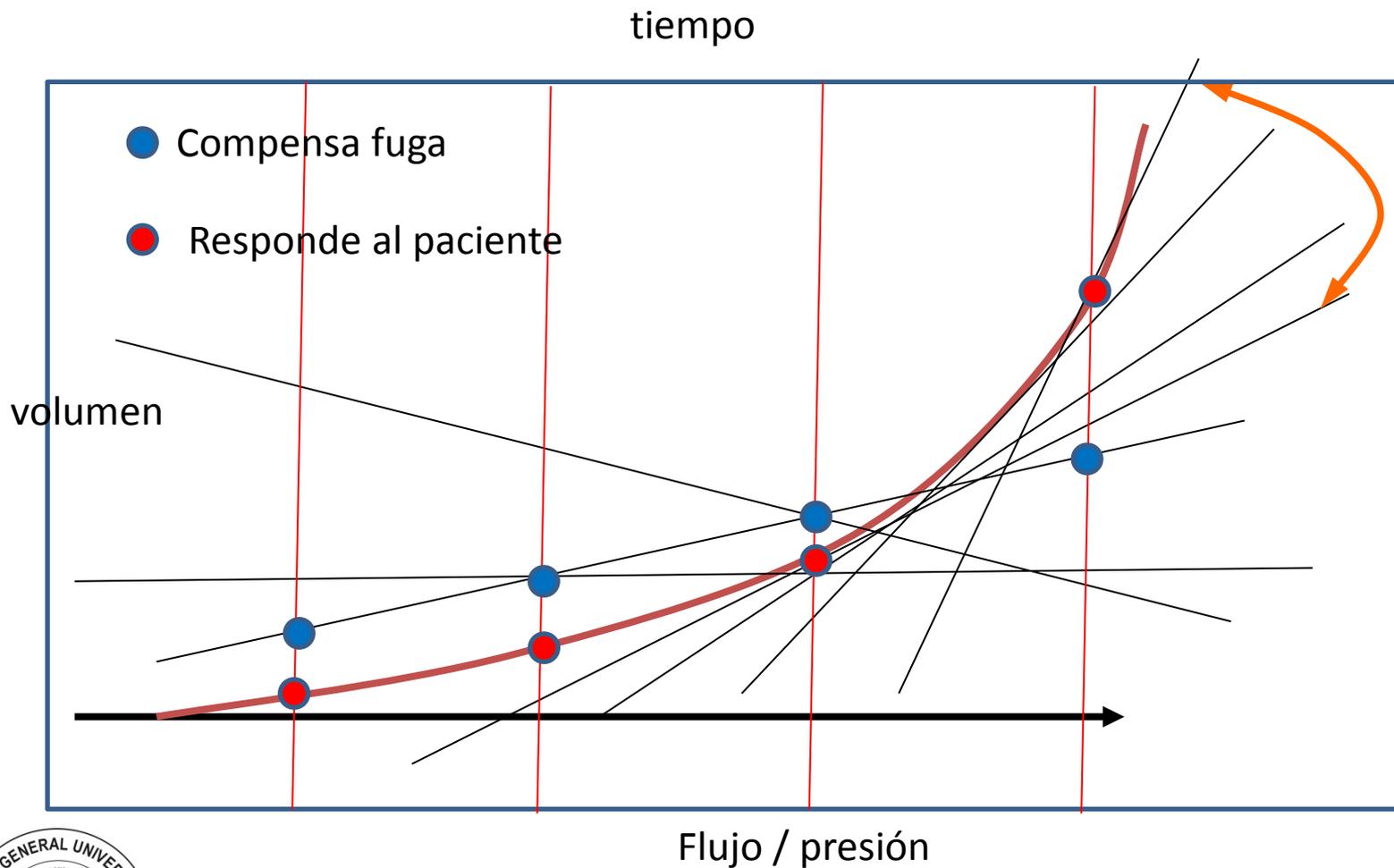
Trigger “inteligente”



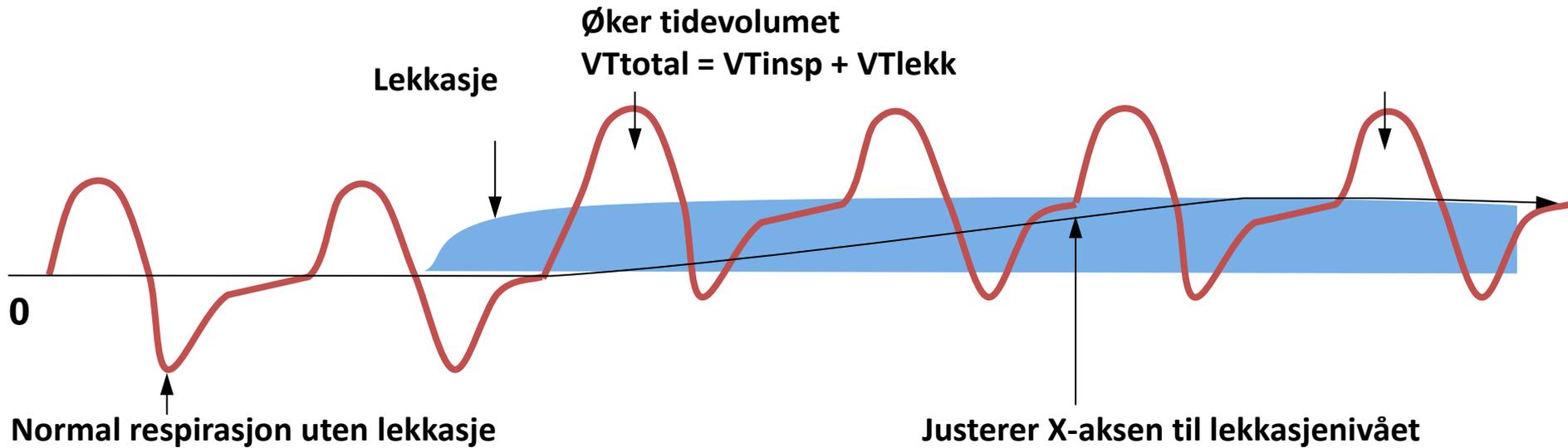
Las fugas TAMBIÉN son reconocidas por el respirador como una corriente de flujo negativo



Trigger “inteligente”



Seguimiento fisioelectrónico



Muchas
Gracias!



Dräger Pulmotor 1908

