

	LEAKS fuites		OBSTRUCTIVE EVENT Evènement obstructif	
	PRESSURE CURVE Courbe de pression	FLOW CURVE Courbe de débit (=Volume)	PRESSURE CURVE Courbe de pression	FLOW CURVE Courbe de débit (=Volume)
PRESSURE MODE Mode pression	CONSTANT Except if massive leaks <small>saut si fuites massives</small>	↑	CONSTANT	↓
VOLUME MODE Mode volume	↓	CONSTANT	↑	CONSTANT

1 STEP 1: Visual analysis of the traces → GOOD

BAD

No obvious leaks, no obvious obstructions

2 STEP 2: Diagnosis of Primary asynchrony

RATE ASYNCHRONY

And/Or

INTRACYCLE ASYNCHRONY

3 STEP 3 : Find who does what?
Controlled cycle or Triggered cycle ? and Patient's demand or 0 demand?

ventilator rate > patient rate

Double triggering

T	T
P	

Autotriggering

T	T
0	

Uncoupling

C	T
0	P

patient rate > ventilator rate

Ineffective effort

∅
P

patient rate ≠ ventilator rate

Prolonged uncoupling

FLOW ASYNCHRONY

Underassistance

T (or C)
P

PHASE ASYNCHRONY

Delayed cycling (long cycle)

T (or C)
P

Premature cycling (short cycle)

T (or C)
P

T= triggered cycle
C = controlled cycle
∅ = no ventilator response
P= patient demand
0 = no patient demand