

SCENARIO

VERS 1.5

We report some scenarios of the initialization of the machines (before the ventilation)

new patient: a new patient is connected and the doctor select new patient and the self test is passed. After that the ventilation can start.

	events	powerOn	start-up ended	-	selfTestPassed	
Controller	state	Start-Up	SelfTest		SelfTest	VentilationOff -->ventilation can start
	events	powerOn	start-up ended	new Patient	selfTestPassed	
GUI	state	Start-Up	Start		SelfTest	Menu

resume ventilation: the doctor wants to resume the ventilation, the self test is skipped (both Controller and GUI)

	events	powerOn	start-up ended	-		
Controller	state	Start-Up	SelfTest		VentilationOff	-->ventilation can start
	events	powerOn	start-up ended	resumeVentilation		
GUI	state	Start-Up	Start		Menu	

error in the self test: during the self test, there is an error and the controller goes into failSafe while the GUI stops in SelfTest mode

	events	powerOn	start-up ended	-	error	
Controller	state	Start-Up	SelfTest		SelfTest	FailSafe -->ventilation cannot start
	events	powerOn	start-up ended	new Patient	self test failure	
GUI	state	Start-Up	Start		SelfTest	SelfTest

test interrupted: during the self test, the doctor interrupts the test procedure. The controller and the GUI remain in the self test mode. A new self test procedure can be run later on.

	events	powerOn	start-up ended	-	-		
Controller	state	Start-Up	SelfTest		SelfTest	SelfTest	-->ventilation cannot start
	events	powerOn	start-up ended	new Patient	abortTest		
GUI	state	Start-Up	Start		SelfTest	SelfTest	

the user wants to try again the self test

	events	powerOn	start-up ended	-	selfTestPassed	
					SelfTest	VentilationOff -->ventilation can start
	events	powerOn	start-up ended	runSelfTest	selfTestPassed	
				SelfTest	Menu	