

Cardiac Output (C.O.) Performance Test

These tests check the performance of the cardiac output measurement.

- 1 Connect the patient simulator to the C.O. module using the patient cable.
- 2 Configure the patient simulator as follows:
 Injection temperature: 2 °C
 Computation Const: 0.542
 (Edward's Catheter)
 Flow: 5 l/min
- 3 Check displayed value against the simulator configuration.
- 4 Expected test result: C.O. = 5 +/- 1 l/min.

Test	Expected test results
Cardiac Output Performance Test	C.O. = 5 +/- 1 l/min

Service Tool Procedure, Version 1

This procedure applies for Service Tool M1012-61601 in combination with C.O. modules without option C10 and M3012A MMS extensions with option C05.

- 1 In monitoring mode, connect the C.O. interface cable to the module.
- 2 Connect one side of the service tool to the injectate receptacle of C.O. interface cable and the other side to catheter cable receptacle.
- 3 Enter the **C.O. Procedure** window and check the results. The expected test result is:

Tblood = 37.0°C +/- 0.1°C

Test	Expected test results
Cardiac Output Service Tool Procedure Version 1	Tblood = 37.0°C +/- 0.1°C

Service Tool Procedure, Version 2

This procedure applies only for Service Tool M1012-61601 in combination with C.O. modules with option C10 and for the M3012A MMS Extension with option C10.

- 1 In monitoring mode, connect the C.O. interface cable to the module.
- 2 Connect one side of the service tool to the injectate receptacle of the C.O. interface cable and the other side to the catheter cable receptacle.
- 3 Enter **C.O. Procedure** window and check results for:
 - Method of measurement
 - Arterial Catheter constant
 - Tblood
 The expected results are:
 - Transpulmonary
 - 341
 - Tblood = 37.0°C +/- 0.1°C
- 4 Make sure the main alarms are switched on.
- 5 Disconnect the Catheter cable receptacle from the service tool
- 6 Enter the Setup C.O Window and change the method of measurement to “Right Heart”