

**BMT202 MESLEKİ**

**YABANCI DİL 2**

**12.HAFTA**

**GAMA MESLEK YÜKSEKOKULU**

**ÖĞR.GÖR.MEHMET DURSUN**

## Verification of Pneumatic System

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The following tests, from Basic Pneumatic Leakage Test on page 19 through Over-Pressure on

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page 23, verify the functionality of the pneumatic system of the monitor.

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All these tests, with the exception of the Basic Pneumatic Leakage Test, require the use of an

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appropriate NiBP simulator.

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Although the tests were designed to use the Bio-Tek BP Pump noninvasive blood pressure

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simulator, any equivalent NiBP simulator with the same internal test volume can be used.

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The internal test volume of the Bio-Tek simulator is 250 ml.

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The monitor must be placed in Diagnostic Mode, with the NiBP Test screen active for each of

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the NiBP tests.

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For a detailed explanation of the Diagnostic Mode, refer to Chapter 4, Power-up Defaults

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Menu And Diagnostic Mode .

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Basic Pneumatic

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## Leakage Test

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The purpose of this test is to verify the integrity of the NiBP Pneumatic System after the

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monitor has been opened.

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This covers all external and internal tubing and tubing connections.

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No simulator is required for this test.

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In cases where the performance of the NiBP is in question or could have been compromised

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during repair the complete set of NiBP performance tests described in this service manual

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should be used (see test map, page 8, for guidance).

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1. Attach an NiBP cuff (adult model 40401C is recommended) and the NiBP adapter cable to

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the monitor NiBP connector.

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2. Wrap the cuff around itself and place on a table for the test, DO NOT place the cuff on your arm.

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Kaynakça:

Philips A1 and A3 Patient Monitors- Service Guide

Service Guide.

Philips Medical Systems

<https://www.usa.philips.com/healthcare>