



ACUSON Juniper

Maintenance Instructions – System
Planned Maintenance

Document scope

This document is valid for:

ACUSON Juniper Ultrasound Systems

Standards

This document follows the standards: IEC 62353:2014-09.

Document Version

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1 Planned Maintenance

1.1 Introduction

Planned Maintenance (PM) is recurring and should be performed at least every 24 months. The PM includes visual inspections, cleaning, functional performance checks, and safety testing of the system and peripherals.

Some regions have regulations that require planned maintenance more frequently. It is the responsibility of the Customer Service Engineer (CSE) to be aware of, and adhere to, all local regulations regarding planned maintenance intervals for this system and peripherals. The total time to complete the PM contained within this document is **approximately 2.5 hours**. Therefore, prior to visiting the customer site to perform PM tasks, ask the customer to:

- Archive the patient data
- Request the customer to provide all assigned transducers

Upon arriving at the customer site, one of the most important activities that must be accomplished is the discussion with the customer concerning the operation and performance of the system. The gathering of specific concerns the customer may have will help to reduce the overall time it takes to accomplish the PM, and help ensure all the customer concerns are addressed.

While performing the PM, a Maintenance Report must be completed. Distribute a copy of the completed Maintenance Report to the customer and the country Service Office.

1.1.1 Performing Planned Maintenance



Be aware of billing implications for the site. If parts and labor are not covered by warranty or contract, ensure that the customer permission is given before performing any work or repairs for which the customer will be billed.

While performing a Planned Maintenance, if any of the tests fail, document the failure and do the following:

- If the repair of the fault is covered by an existing contract and can easily be corrected within less than 30 minutes:
 - a. Correct the defect and repeat the test.
 - b. Document the repair and the test results.
 - c. If it passes the test, check **Passed** in the Maintenance Report.
 - d. If the customer requests the repair and it cannot be performed easily, schedule another visit to perform the repair.

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