Workflow that works for you

Philips ST80i Stress Testing System

PHILIPS

The next generation

Fueled by the workflow needs of clinicians, the Philips ST80i Stress Testing System opens up new avenues for productivity and decision-making. ST80i features a wireless patient experience, bi-directional connectivity and advanced decision support tools that enhance data review, patient care and workflow efficiency. Designed with clinicians and patients in mind, ST80i brings cutting-edge technology and clinical-support tools into customizable and easy-to-use software. The result is a flexible and intuitive solution designed to present stress-testing data useful in streamlining clinical decision making and productivity.

Key advantages

- Facilitates clinical workflow by wirelessly performing stress procedures in an intuitive, customizable format.

- Provides advanced clinical decision support tools to assist with clinical evaluation.

- HIS connectivity to quickly acquire patient demographics and orders to speed workflow.

- Interfaces with Intellibridge ECG Management System to enhance workflow of ECG, Stress and Holter.

- Ability to include electronic signature.

- Export final reports to the hospital electronic medical record (EMR) upon completion of report.

Software features ST views including ST map and zoomed ST

# of stress-testing

Intuitive user interface with
left-to-right on screen navigation
facilitates fast testing

Large writing surface for
clinical documentation

Optional LED work surface light

Philips thermal
printer option

Wireless keyboard,
wireless mouse

Accessory drawer

All wires are integrated internally

System base cover and power
transformer, providing a stable
work platform

Smart, streamlined solutions

An untethered patient experience

Freeing your patient from wires and decreasing the likelihood of motion interference, Philips ST80i has a compact wireless patient module that enhances traditional stress-testing systems.

- Wireless, compact patient module reduces the hazard of tripping and enhances patient comfort and movement while still transmitting a clear, high-quality signal
- Reduces motion interference with the elimination of unwieldy cables
- Facilitates patient transition from exercise to bed for stress-echo procedure

Cordless compact patient module

Advanced analytical methods

Philips ST80i features tools to help clinicians analyze stress ECG information.

Diagnose with confidence using algorithms designed in Philips Advanced Algorithm Research Center.

• Philips DXL Algorithm* uses sophisticated analytical methods for interpreting the resting ECG and ST Maps, the same algorithm used in Philips ECG equipment.

• Philips CAlg algorithm is designed specifically for stress testing.

* DXL ECG Algorithm can provide ECG analysis for a standard resting ECG using standard chest and limb leads. Other configurations are not supported.

View comprehensive ST segment and morphology analysis in an anatomically intelligent format.

• View ST Maps, patented visual anatomical representation of ST deviations in frontal and horizontal planes.

• Quickly identify anomalies with the dynamic Zoomed ST display.

• Monitor ST changes with auto-comparison of current and reference beat.

• Watch for ST level and slope changes using the 12-lead average complexes.

• Clearly see arrhythmias with Dominant Rhythm Change notifications.

• Access comprehensive and customizable reports with prognostic indicators (Risk Scores).
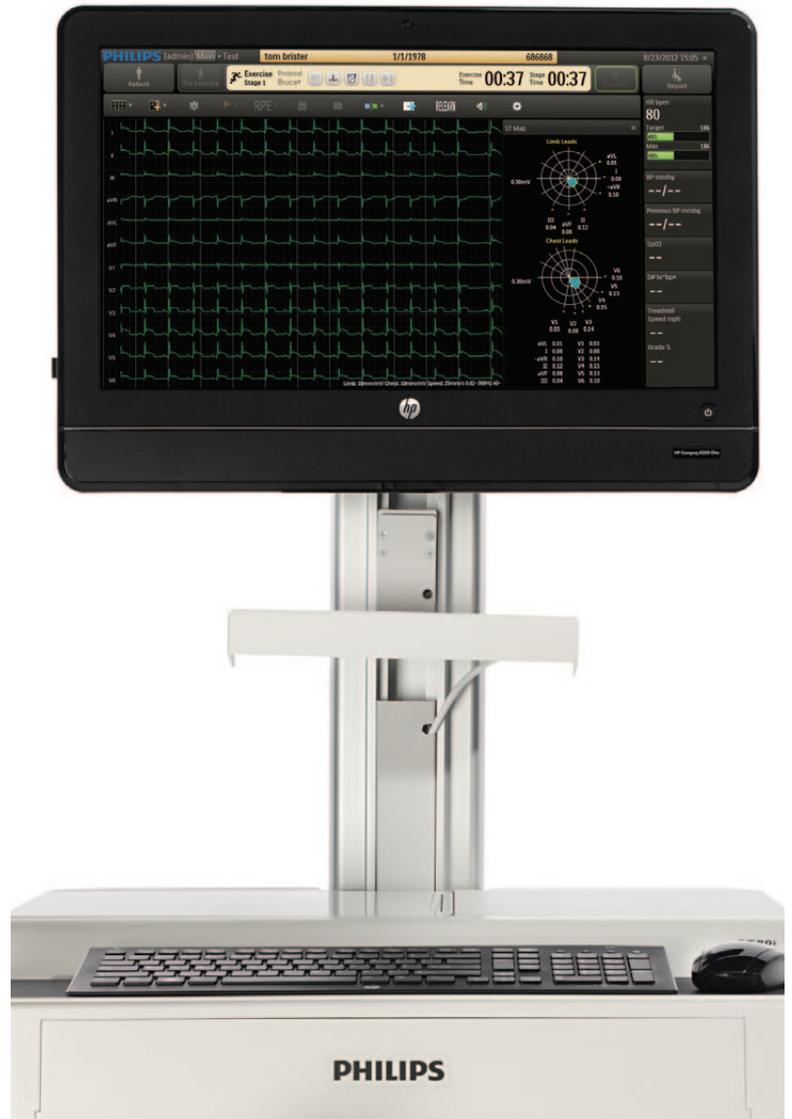
Philips ST80i offers wireless testing with an intuitive interface and customizable all-in-one computer to help streamline workflow.

Connectivity that works for you

ST80i

Managing patient information from start to finish, Philips ST80i turns stress ECG data into actionable insights, utilizing bi-directional network connectivity to collect and distribute data wherever it's needed.

Import Options

- Upload patient data from your HIS or manually enter patient data

Export Options

- Easily exports final patient reports in a PDF format
- Interfaces with Philips IntelliSpace ECG and IntelliBridge Enterprise
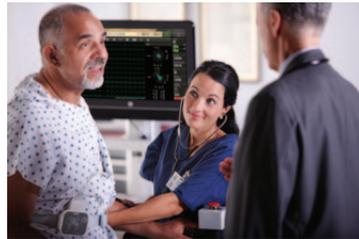
Local patient setup

Worklist patient setup

Worklist/patient list

HL7 ORM/ADT messages

(orders, patient demographics)

HL7 DFT messages

(financial/billing)

HIS

Review Station

IntelliSpace ECG

Stress study

Stress report

Previous
stress reports

Stress report

Stress report

Optional Connection

Enterprise Network

HL7 ORU messages (results)

IntelliBridge Enterprise

EMR
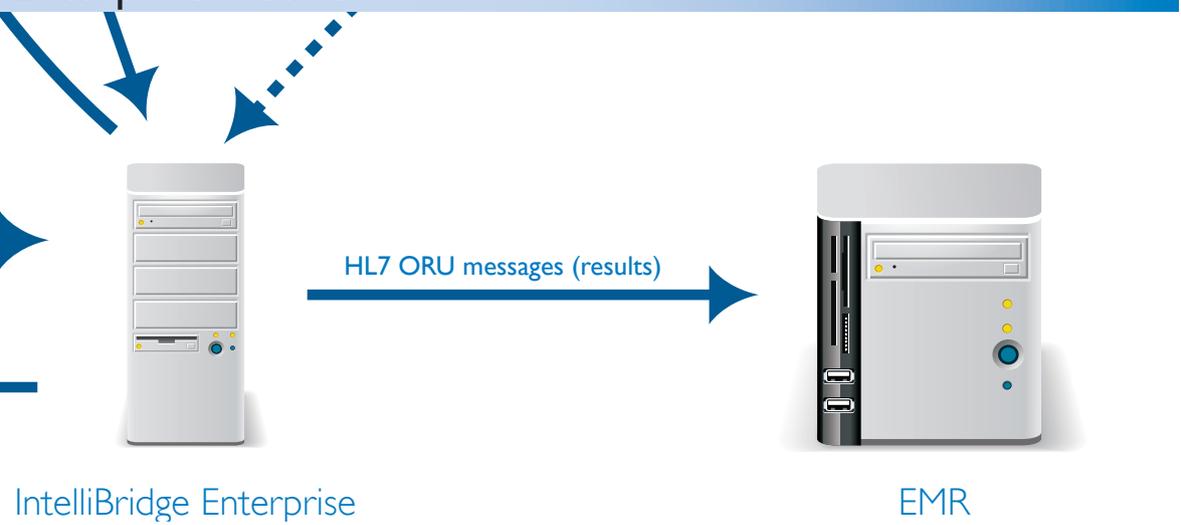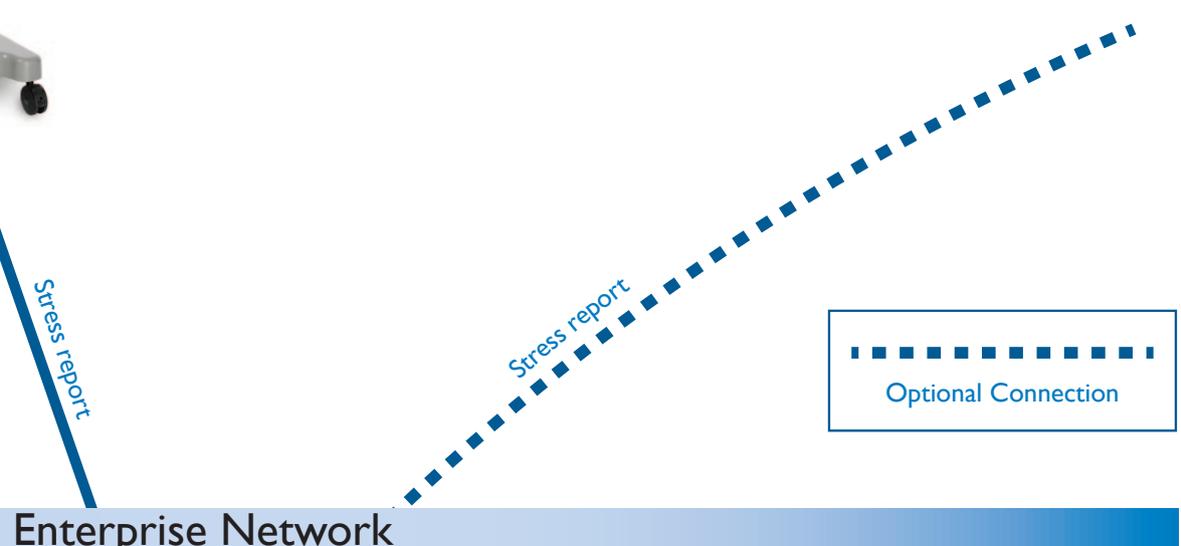
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learn more.

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