



NX Patient Station - Description

American TeleCare's NX Patient Station guides patients, on a daily basis, through the process of taking their vital signs and answering questions about their health condition. The compact, easy to use unit is placed in the patient's residence, where it will remind them every day at the same time to take their vital signs (blood pressure, pulse, weight, blood sugar, oxygen saturation, and others). It will also ask them a series of simple questions relating to their healthcare status, gathering additional objective and subjective information.

After the vital signs measurements are taken, the NX Patient Station connects via the patient's telephone line to the NX Web Server, located at the provider's office, to upload the data into the patient's record. Each patient record at the NX Web Server contains individualized physician recommended parameters. If received measurements are outside of those parameters, the software will indicate this by highlighting the information in red. The NX Web Server will also organize the data, identifying those patients whose vital signs are outside of physician recommended parameter, allowing providers to instantly determine which patients are at risk and in need of an intervention. Hundreds of patients can be simultaneously monitored.

Subtle changes in the patient's condition can be detected rapidly and interventions can be made in a timely manner, preventing a decline in condition which can lead to costly emergency room visits and hospitalizations. This means efficient, streamlined care provided when patients need it.

The NX Patient Station is a part of the American TeleCare suite of complete home telehealth solutions.

Features of the NX Patient Station

Ease of Use: The NX Patient Station's primary design consideration is ease of use for the patient. Even the frailest of patients is able to learn how to operate the system quickly. Reminders and instructions are given via a touch screen each time measurements are taken, ensuring that patients use the unit correctly and appropriately.

Compact Footprint/Ease of Installation: The compact footprint of the NX Patient Station means minimal impact on the patient's home. Its light weight and ergonomic packaging allow for easy transportation from clinic to home and home to clinic. Requiring only a telephone jack and electrical outlet, the NX Patient Station is seamlessly installed.

Peripherals: The NX Patient Station's peripherals include: blood pressure/pulse meter, weight scale, pulse oximeter, glucose meter, with others to follow. By customizing the



unit to your patients' needs, you will have access to data you need to accurately monitor your patients' condition, determining when and whether an intervention should be made.

Wireless Peripheral Connection: Bluetooth™ connection of peripherals minimizes complication and increases simplicity of use.

Customized Parameter Selection: Providers can program the NX Web Server with physician recommended parameters for vital signs for each patient. Clinicians can easily identify which patients are outside of those parameters and make interventions in a timely manner.

Electronic Questionnaire: Providers can upload into the NX Patient Station a set of pre-programmed questions pertaining to the patient's condition as well as patient perception of their condition. Responses to these questions provide clinicians with additional data on which to base decisions. The user interface is a touch screen, with large, easy to read text.

Electronic Data Transfer: Patient data is encrypted and sent on a daily basis to the web server at a pre-determined time via the telephone line in the patient's home. Each patient has a record where data is stored, time and date stamped.

Graphing: Accessing the NX Web Server, patient data can be graphed, providing a visual aid to detect patterns where an intervention may be necessary. Graphs and other reports can be printed and sent to the physician or any other provider that may be a part of the patient's care team. Clinicians receive accurate information in a timely and consistent manner, ensuring that they have up-to-date information on patient status.

Data Stratification, Prioritization, and Alert: A healthcare provider can monitor hundreds of patients per day. The browser based NX Web Server organizes patient data in order of priority, with clear visual indicators for those patients whose vital signs are outside of their physician recommended parameters. At a glance, clinicians can see which patients are at risk and respond to them. Timely decisions can be made on those patients most in need. With early intervention, patients can avoid emergency room visits and hospitalization, or when appropriate patients can go to the hospital before allowing the condition to become further exacerbated.