

MedShare eMotion with @YourSide Smart Charts

Transforming Nurse Charting at the Point of Care

Benefits include reduced paperwork, better accuracy, increased privacy and security, and data to support continuous quality improvement.

Saint Elizabeth Health Care is transforming home health care once again by pioneering a ground-breaking new approach to in-home patient charting. The Windsor office, taking a leadership role, is working closely with MedShare Inc. to rollout a revolutionary new electronic charting solution using a tablet PC.

@YourSide Smart Charts is designed specifically for home care agencies, like Saint Elizabeth Health Care, who must automate the most complex of clinical practices that until now have had to remain paper-based. @YourSide Smart Charts is a mobile solution that provides nurses with the ability to capture and instantaneously share the most complex clinical and administrative information from the point of care. Unlike paper-based and online solutions, @YourSide Smart Charts provides decision support and care documentation in a sharable electronic format with or without an internet connection.

The C5 tablet PC, supplied by Motion Computing, is an innovative, highly portable PC with flexible design and integrated security. Using a biometric login, the nurse can access e-mail, online maps, take pictures, record voice and video and disinfect the device between visits to maintain a sanitary health care environment.

Client Benefits

Very beneficial - says a research report on wireless home care solutions prepared by technology market researchers at the Venture Development Corporation (VDC) in Natick, Massachusetts. The report points out that there is "Improved patient care through inter-team communication...Deployment of wireless solutions and adoption of electronic patient records should provide greater access to critical information and foster improved coordination of care among the patient's various providers through an entire period of illness."



Motion Computing C5 Tablet PC
running MedShare™ eMotion

“It’s a wireless solution that gives us the ability to look at client outcomes in terms of treatments – how long a wound-care takes to heal with a particular type of dressing, for example. So we can do good analysis,” said French. “If we want to do that today it requires someone to pull the charts from the client’s home, then manually enter all the data that’s kept in these forms.”

Roy French - “IT Makes a House Call” CIO
magazine, June 2007

Other key benefits emphasize patient safety and quality of care including: reducing the number of avoidable hospitalizations, reduced length of stay, and ensuring medication and procedure compliance/accuracy.

Staying Connected

Effective treatment at the point of care relies on consistent access to up to date client information. Access to information is never interrupted just because there isn't a network connection available. The nurse can continue to work with the client while disconnected and the system will update the main database once a connection is re-established.

Privacy Assured

Security concerns are considered one of the top barriers to adoption of any mobile health care solution. To address these concerns, the team has worked together to implement both technical and procedural solutions, ensuring HIPAA regulatory compliance.

Using biometric login, encryption, audit trails and permission-based access, the client's personal medical information is retrieved and stored in a secure manner that resolves many of the paper-based privacy concerns

Continuous Quality Improvement

Combined with the existing client information, data collected from Smart Charts can be mined and transformed into meaningful patterns for analysis. Conclusions can be drawn for the purpose of improving quality of care or operational efficiencies.

Nurse Benefits

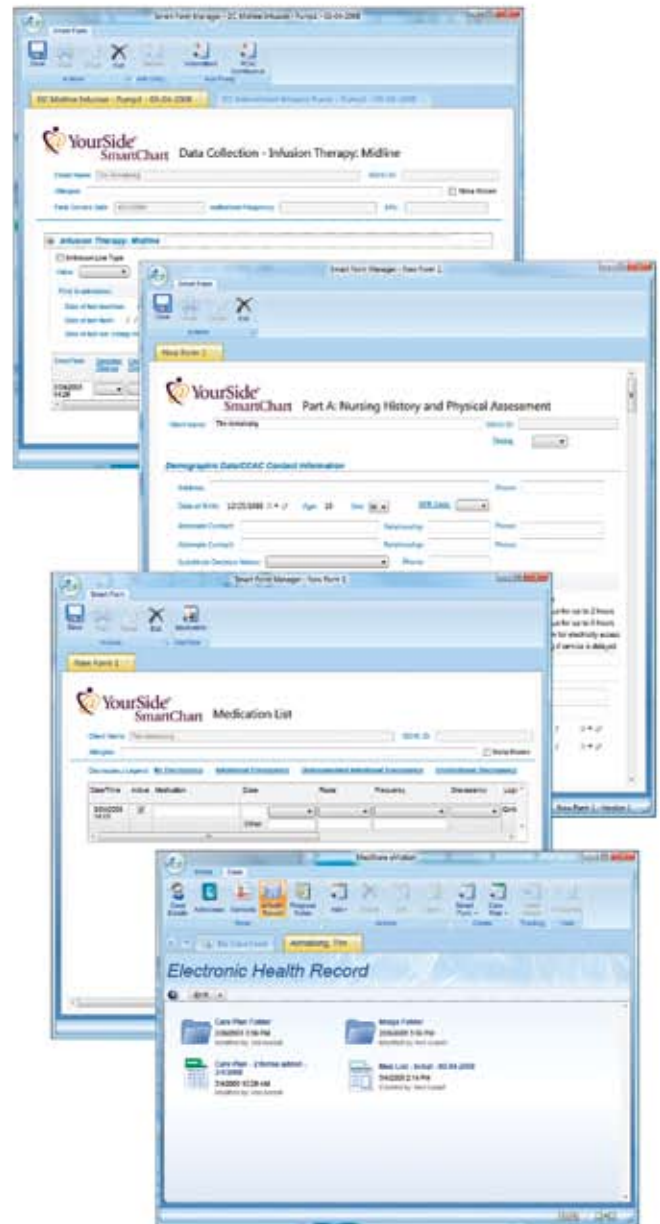
Nurses can anticipate faster and easier charting. For example, instead of writing long client assessments on paper forms before going to a client's home, all they have to do is log onto the tablet while at the client's home, choose the client from their active caseload, and see the data right on the system.

The nurse then decides which of the forms they're going to fill out, whether it be an initial assessment or data collection form, and that form will be displayed on the tablet. To make it even easier, the system will pre-populate information that is already known about the client.

An additional benefit discovered during focus groups was the clarity achieved by not having to decipher handwriting. All agreed this would go a long way in avoiding errors and missed information.

“My caseload was easy to navigate and for someone like myself that isn't familiar with computers, I'm finding the experience positive.”

Feedback from Nurse focus group



Screen shots of MedShare eMotion with @ YourSide SmartCharts.