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Embracing Technology as the Extension of Nursing Practice to Enhance the Patient Experience

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Embracing Technology as the Extension of Nursing Practice to Enhance the Patient Experience

Liz Raabe Brandon Fleharty



SERIOUS MEDICINE. EXTRAORDINARY CARE.

Frequently asked patient questions

Asking for a dining menu, or waiting on the phone to place the order When their last pain medication(or any other PRN) was given? What were my lab results? Who is my doctor, nurse, case manager, respiratory therapist? When is my MRI? Why am I taking that medication? What is my diagnosis or reason What was my blood pressure this morning? When do I get to go home?

How often are patients just bored......

How long does it take you ask patients screening questions on admission?



Quote from Study

In one study, 71% of patients felt the applicat provided useful information and 76% used it once a day. A larger percentage of patients able to identify at least one physician on the (56% vs 29%) and identify their role correctly vs 16%). The effect of tablet computers with patient portal application on hospitalized pati knowledge and activation. JAMIA, 2015

 90% of patients reported that it helped the understand their medications better

Inpatient Experiences with MyChart Bedside Telemed J E Health, 2017





Why Bedside?

Patient value

- Labs
- Vitals
- Medications
- Diagnostic procedures
- Scheduled Appointments
- Care Team Members
- Education topic

Organizational value

- Promote patient and family engagement
- Strengthen the patient-provider relationship & improve communication
- Allow for a more enjoyable hospital stay (entertainment)
- Improve patient satisfaction scores
- Meaningful Use
- Core Measures
- Reduce readmissions



What is Bedside? Home Screen

Reason for Admission

- Info button linking
- Medication List
- Info button linking

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Happening Soon - Schedule

Happening Soon

- Schedule of events(Past and Future)
- Visualization of medications given (Scheduled & PRN)

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Taking Care of Me

Log out

Care Team

Photos and Bio





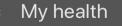


Nebraska Medicine

Around 9 AM Medications Around 4 PM Medications Around 9 PM Medications **Tomorrow Medications**









All Members

Attending Provider



Tony Clerk/Patient Car...



Liz **Registered Nurse**

Vicki

Care Transition N...



Brittany A Ford, PA Physician Assistant

(?)

Sort: Newest first

🗢 65% 🥅



Frank Day Respiratory...



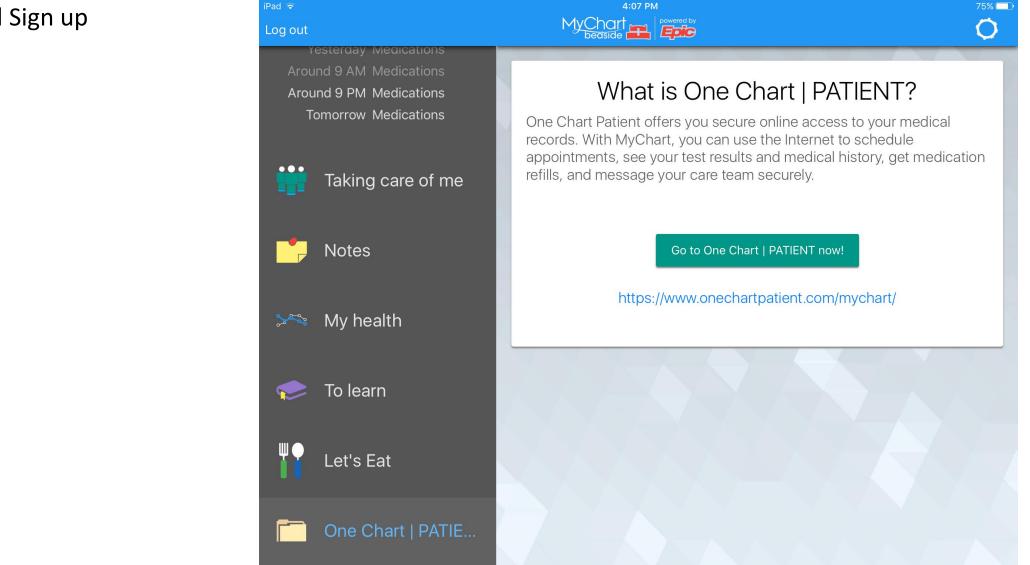


MyChart powered by



One Chart | Patient Sign Up

Patient Portal Sign up



My Health

Vital Signs & Results

• Trending

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	Nebraska Medicine	Blood Pressure	Pulse
	Welcome	Temperature	Respirations
Ē	Happening soon	94.8	8,
	Taking care of me	Key Labs All Labs	Sort: Newest to oldest
	Notes	Jul 17 at 8:18 AM 	mg/dL 10.1
~~~	My health	Jul 17 at 8:18 AM	mg/dL
	To learn	Jul 17 at 8:18 AM ————————————————————————————————————	28 mmol/L
Ψ	Let's Eat	Jul 17 at 8:18 AM	1.18 mg/dL
	9		

Dining Menu

Dining Menu

::28 PM Fri Feb 22 Log out	MyChart powered by bedside	≈ 87% ■
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One Chart | PATIE...

To Learn

Interactive Patient Education

•Content, Video, Teaching Sheets

3:25 PM Fri Mar 1

Your Hospital Stay at Nebraska Medicine Done

Welcome to Nebraska Medicine

Coming to the Hospital

Our first priority is to provide you the care you need when you need it, with skill, compassion and respect. Please share with us your preferred language for learning. Tell your caregivers if you have concerns about your care or if you have pain. You have the right to know the identity of everyone involved in your care including: doctors, nurses, and all other care providers in our facility.





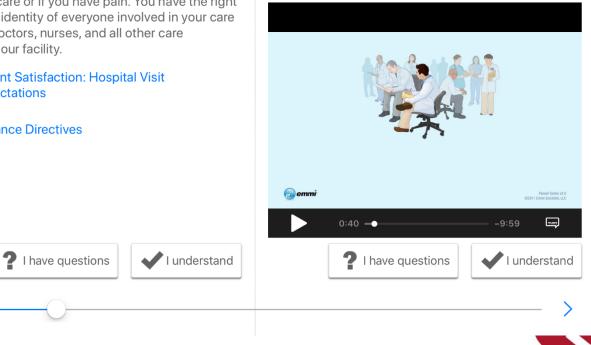
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Your Safety at Nebraska Medicine

Understanding Your Surroundings

- If you feel uncomfortable with any situation or person, please ask for assistance. Your safety is our number one priority

3



Entertainment Applications

Entertainment Applications

Healing Arts Pinterest The CW Kids Draw and Coloring HGTV Infinite Painter Spotify

Games Candy Crush Sudoku Solitaire Angry Birds Mahjong News Omaha World Herald Fox News CNN WOWT NY Times The Weather Channel Huffington Post KETV KMTV Sports Fox Sports Go BTN2Go ESPN NFL MLB At Bat NBA





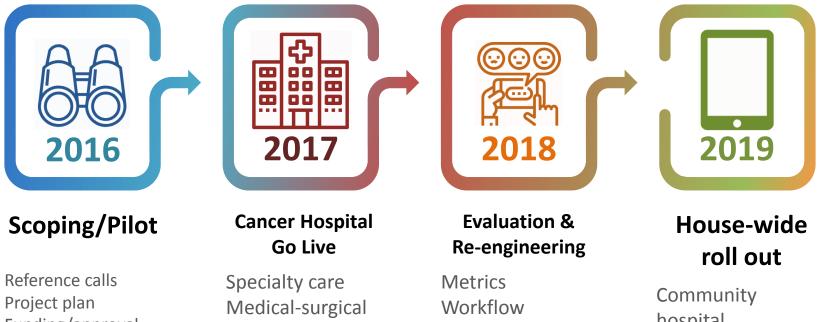




PGA



Implementation Timeline



Technology

Funding/approval Pilot on OHSCU

Intensive care

hospital Acute care hospital

- LDRP
- NICU •
- **Pediatrics**
- ICU •



How champions are made

KNOWLEDGE

Provide resources to understand the why and what of Bedside.

- Tip sheets
- Training courses
- Research articles

COMFORT

The more interactions with Bedside, the more comfortable nurses become.

- # of tablets distributed
- # interactions with Bedside patient
- # questions answered by team

EFFICIENCY

More interactions over time produces efficiency and confidence



CHAMPION

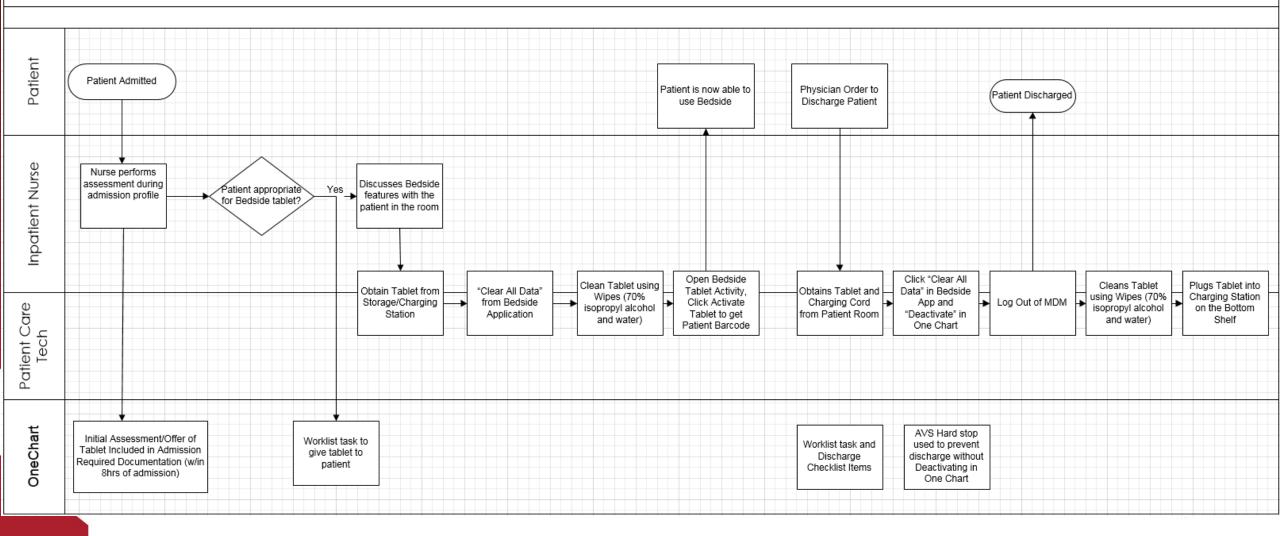
The unique combination of knowledge, comfort, & efficiency helps create strong nurse champions.



Tablet Distribution Workflow

Tablet Distribution

Inpatient, Nurse: IPRN Patient Care Tech: IPCT

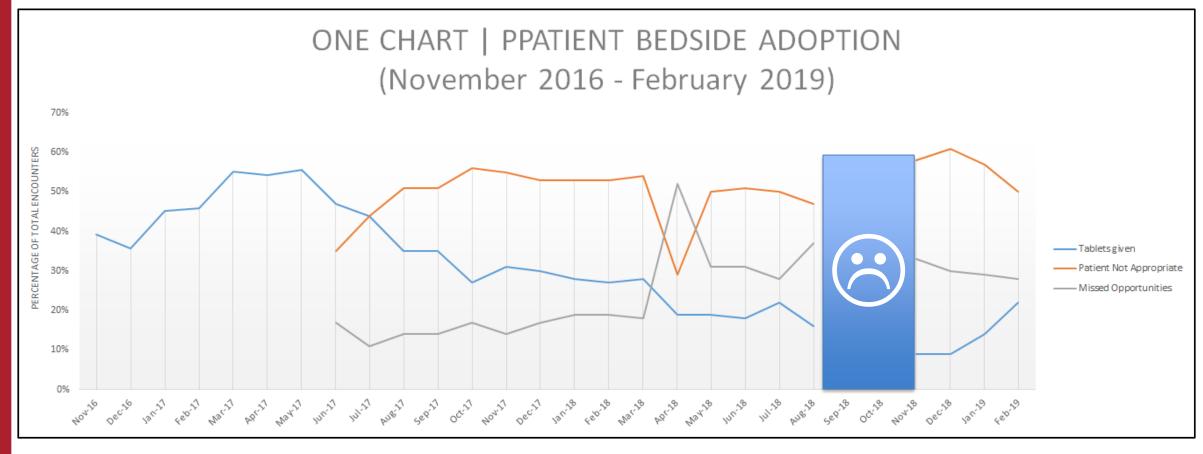


Tablet & Cleaning Distribution Workflow





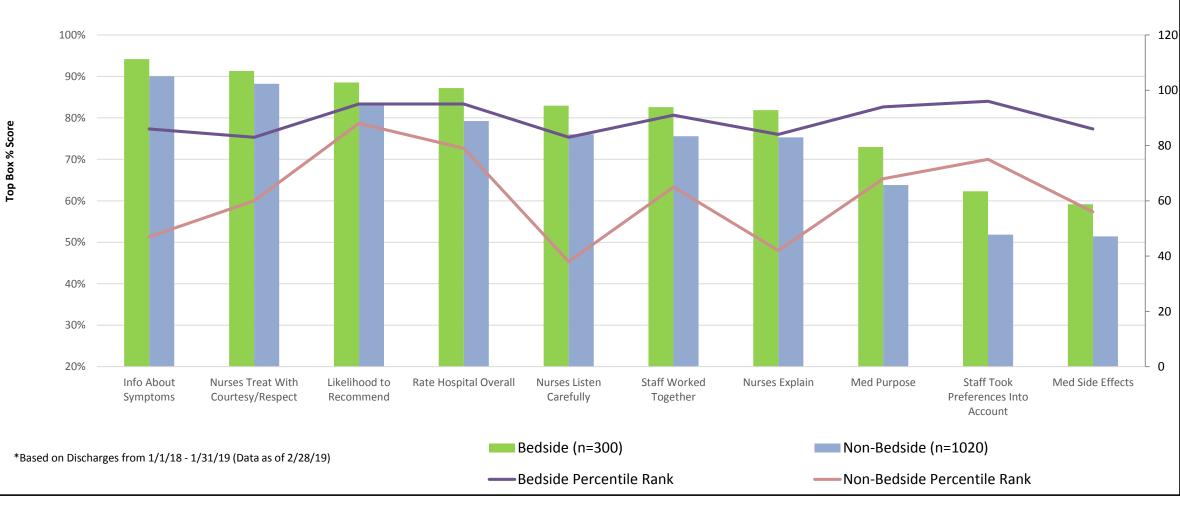
Process Metrics





Outcome Metrics - HCAHPS

Werner Hospital Patient Satisfaction Scores (Bedside Users vs Non-Bedside Users)*

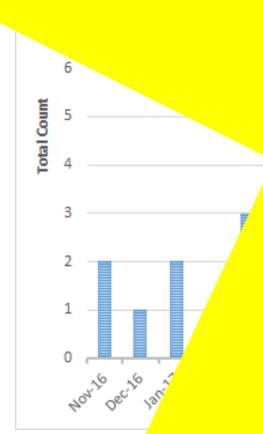






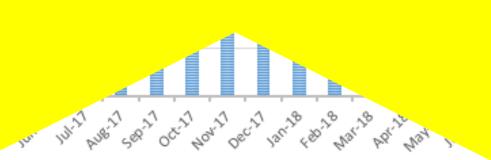
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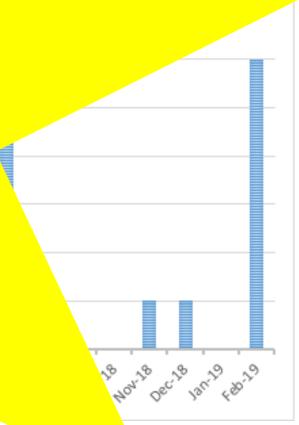
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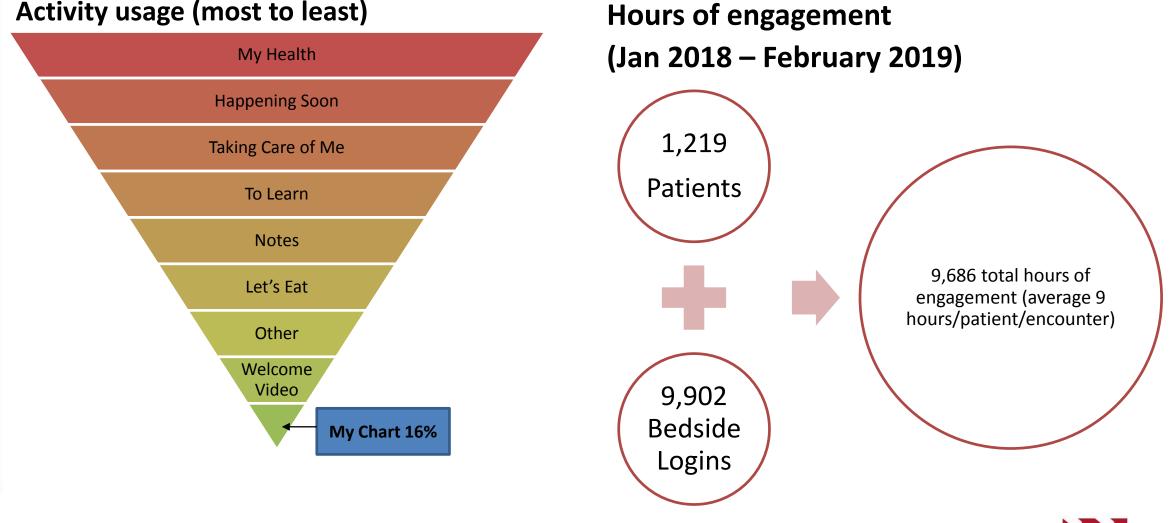
90 TOTAL PATIENT ACTIVATIONS IN ONE CHART PATIENT!!!





Outcome Metrics – Patient Engagement

Activity usage (most to least)



Lessons Learned





Motivation – Provider Feedback

Having that education at the fingertips of patients, is a big advantage for the care team, says **Heidi Tonne**, nurse manager.

"Patients are able to read through patient education like it's a book, and can click on different links within it to get more information, if they want," Tonne says. "It's a very intuitive application."

Julie Fedderson, MD, chief quality and outcomes officer and One Chart | Patient steering committee member, couldn't agree more.

"Hospitals are places that can seem very impersonal, especially for a patient experiencing the loss of control that comes with having an illness," she says. "This technology allows patients the opportunity to be a part of their care, and helps physicians to identify what patients really want to know and have communicated to them."

Sonja Kinney, MD, One Chart | Patient steering committee member, adds that Patient **Bedside** is a valuable patient engagement tool and is excited about its implementation.

"Having this new level of patient access to an updated list of their primary medical problems, medications and primary care team members (with pictures) is taking a huge step forward for all of us," she says. "I think this tool will go a long way toward us providing the care we would want for our own family."



Frequently asked patient questions

Asking for a menu When their last pain medication(or any other PRN) was given? What were my lab results? Who is my doctor, nurse, case manager, respiratory therapist? When is my MRI? Why am I taking that medication? What is my diagnosis or reason What was my blood pressure this morning? When do I get to go home?

How often are patients just bored.....



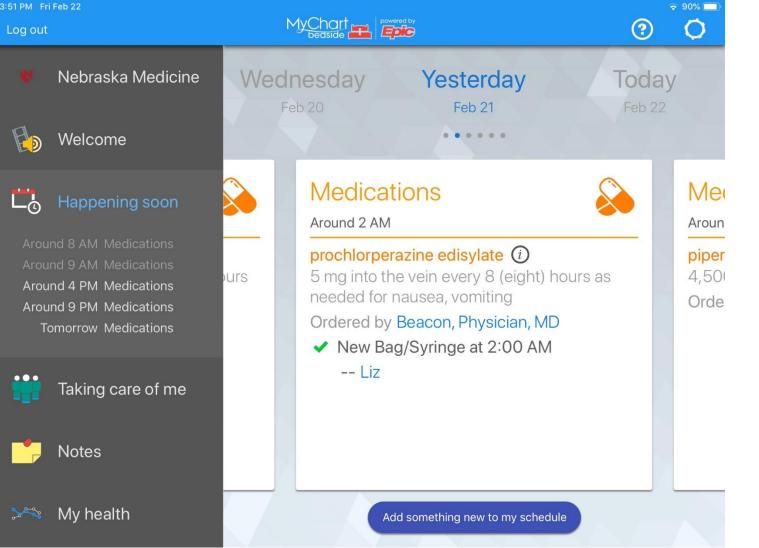
Motivation – Patient/Family Feedback



"One feature I really like is I can see what my treatment is, see my vitals, lab results, list of medications they have me on, get education about what the medications are, etc.," he says. "It lets me know more about what's going on in my care and I can stay up-to-date and engaged in my care."



Motivation – Patient/Family Feedback





Questions?



Contact Information

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