



Spreading **INTERACT** Practices Across the Continuum

Through Skilled Nursing, Assisted Living, Home Health and
Homes With Services

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Learning Objectives

Following this presentation, the participant will:

1. Understand the paradigm changes taking place in the American health system
2. Recognize the importance of post-acute care (PAC) providers in achieving quality care transitions and reducing avoidable hospital readmissions
3. Be able to define the triple aim of CMS to improve the quality of health care for older adults.
4. Understand the various innovative care models for improving care transitions, with particular attention to INTERACT

Speaker Disclosure

Dr. O'Neil is a full-time employee and shareholder of Brookdale Senior Living.

Disclaimer Re: CMS Health Care Innovations Award

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- The contents of this presentation are solely the responsibility of the author and do not necessarily represent the official views of the U.S. Department of Health and Human Services or any of its agencies.

Geriatrics is a TEAM Sport!



It's a lot easier if we pull together!

Evolution of Accountable Care

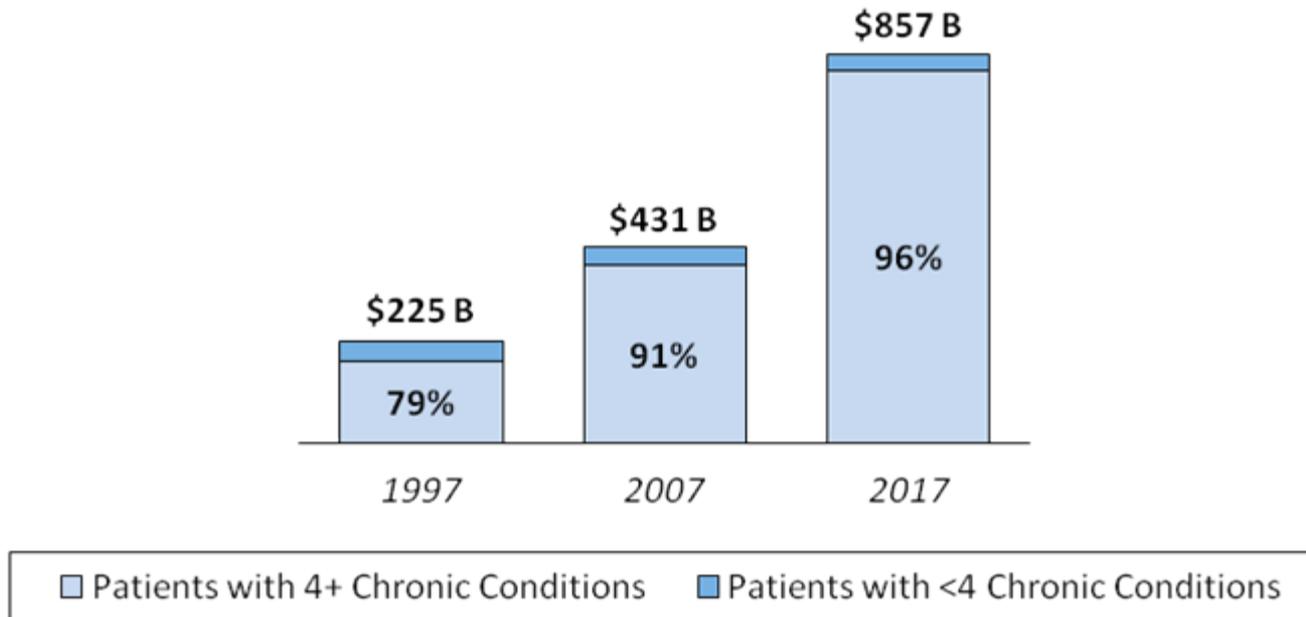
Year	Milestones
2010	Affordable Care Act (ACA) enacted
2011	Center for Medicare Innovation Medicare Shared Savings Program
2012	Hospital readmission penalties Independence at Home Demonstration
2013	Bundled Payment Pilots New Medicare Tax Passive income Tax Excise tax on medical devices
2014	Health benefits exchanges Individual, employer mandate Independent Payment Advisory Board begins submitting recommendations
2015	Payment adjustments for hospital-acquired conditions
2016	Individual, employer penalties rise
2018	Excise tax on Cadillac health plans

Courtesy: Advisory Board Company

Payment Reform

- Goal: tying 30% of traditional Medicare payments to quality or value through alternative payment models, such as Accountable Care Organizations (ACOs) or Bundled Payment arrangements by the end of 2016
- Tying 50% of payments to these models by the end of 2018.
- HHS also set a goal of tying 85% of all traditional Medicare payments to quality or value by 2016 and 90% by 2018 through programs such as the Hospital Value Based Purchasing and the Hospital Readmissions Reduction Programs.
- First time in the history of the Medicare program that HHS has set explicit goals for alternative payment models and value-based payments.

Complex Patients Spurring Medicare Cost Growth

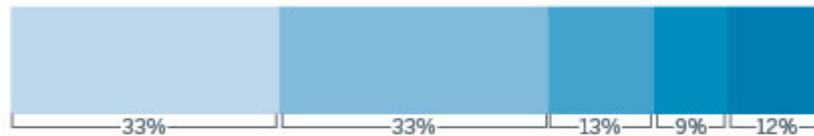


Courtesy: Advisory Board Company

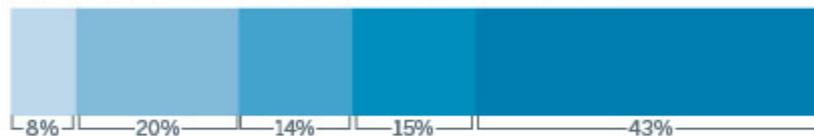
Prioritizing Population Health Interventions

HIGH PATIENT COMPLEXITY
DRIVING OUTSIZED PATIENT COSTS...

PERCENTAGE OF MEDICARE BENEFICIARIES



PERCENTAGE OF TOTAL MEDICARE SPENDING



NUMBER OF CONDITIONS:

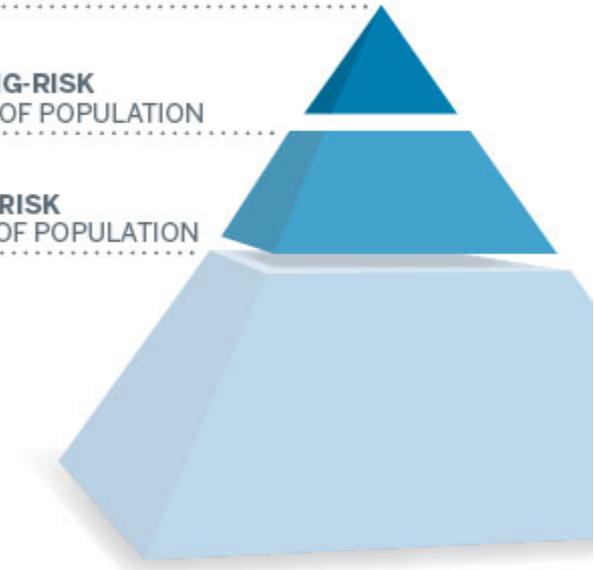


...REQUIRES CREATING THREE UNIQUE
PATIENT POPULATIONS, WITH THREE
COMPLEMENTARY CARE MODELS

1 HIGH-RISK
5% OF POPULATION

2 RISING-RISK
20% OF POPULATION

3 LOW-RISK
75% OF POPULATION



Courtesy: Advisory Board Company

Triple Aim of CMS

- Better health of populations
- Better care for individuals while lowering the per-capita costs of care over time
- Improve the care experience

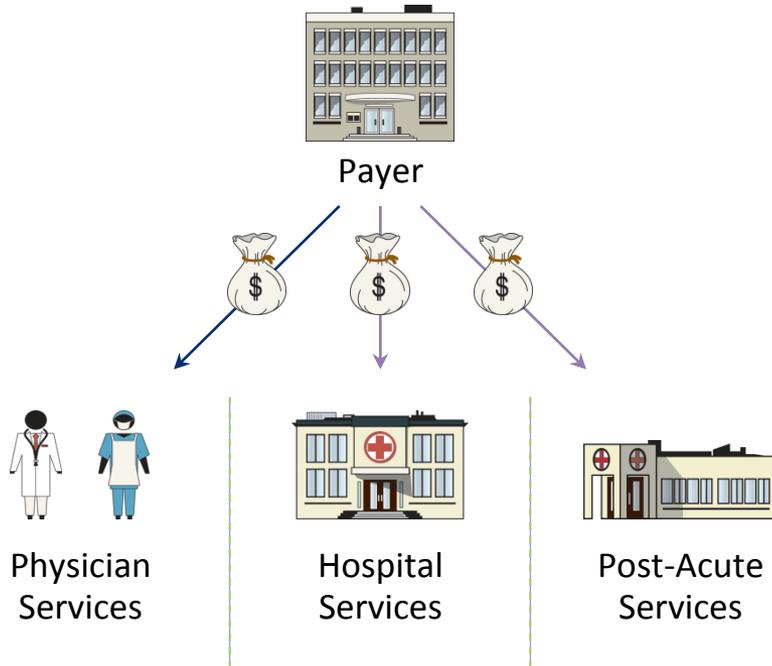
CMS Innovation Center

- The Innovation Center was established in 2011
- Purpose: to test “innovative payment and service delivery models to reduce program expenditures ...while preserving or enhancing the quality of care” for those who receive Medicare, Medicaid, or Children’s Health Insurance Program (CHIP) benefits.

Bundled Payments Drive Delivery System Integration

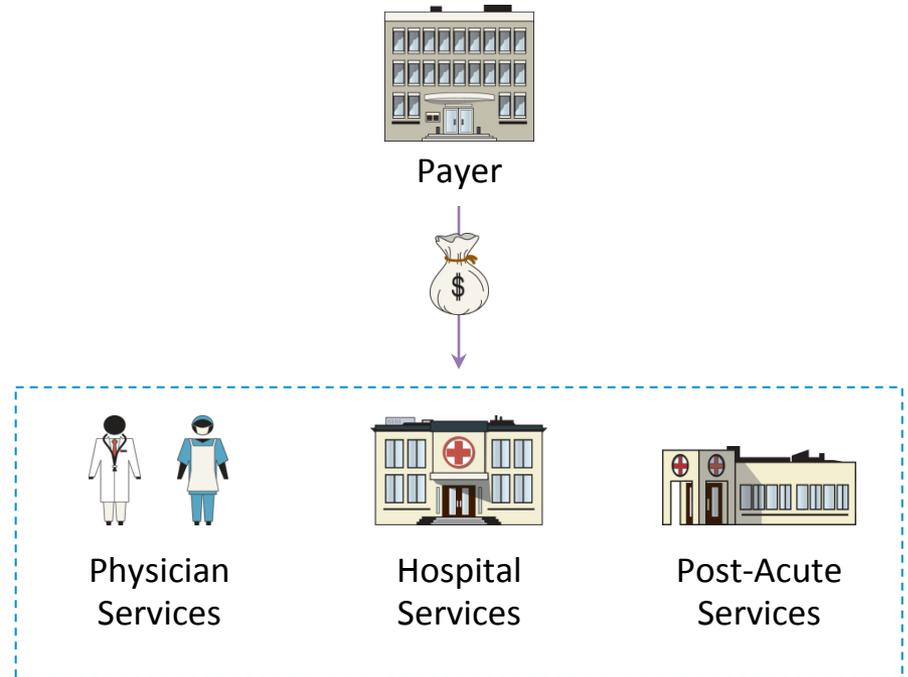
Fee-for-Service Environment

Individual Payments Reinforce Siloed Care Delivery



Bundled Payment Environment

Lump Sum Payments Drive Integration through Shared Accountability

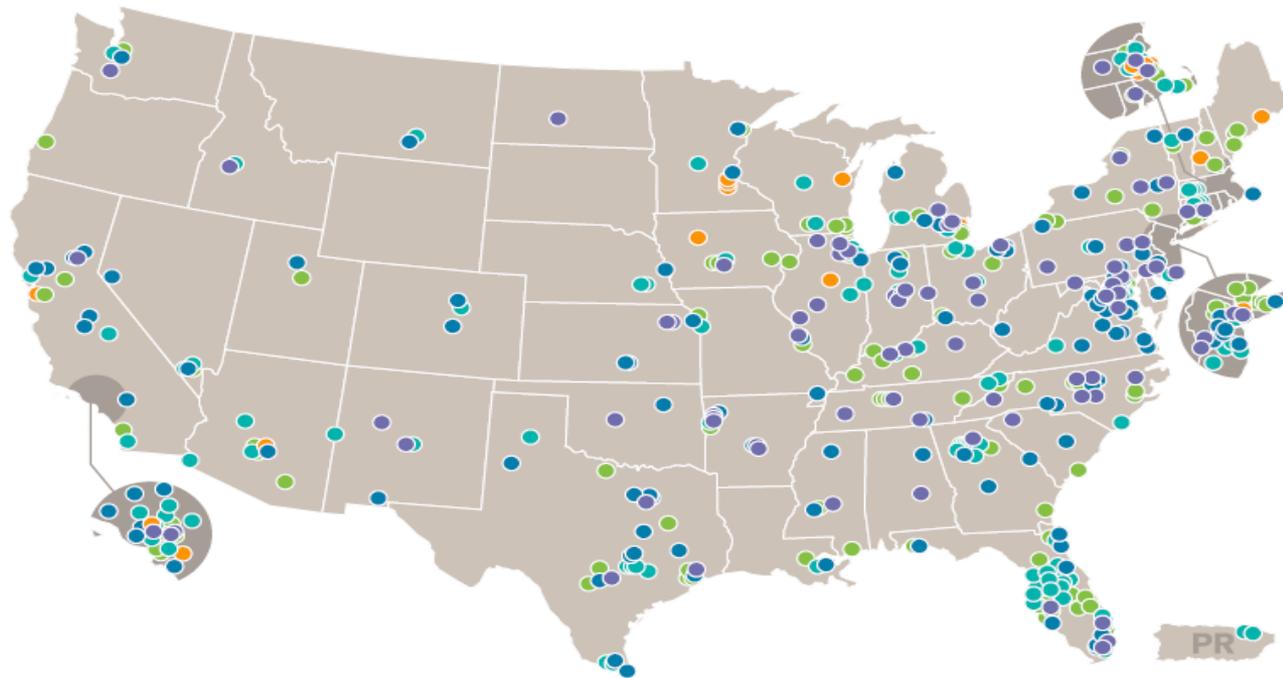


New Paradigm

- Reimbursement will no longer be based on volume of services
- Based on performance metrics:
 - Avoidable readmissions
 - Disease quality metrics
 - Health outcomes
 - Patient and family satisfaction

Where the Medicare ACOs Are

19 Pioneer and 405 Shared Savings Program ACOs¹ as of January 2015



¹ Accountable Care Organization.

Courtesy: Advisory Board Company

Transitional Care

“Transitional care is defined as a set of actions designed to ensure the coordination and continuity of health care as patients transfer between different locations or different levels of care within the same location.”

Source: AGS Position Statement, 2002

Communication



The single biggest problem with communication is the illusion that it has taken place.

-George Bernard Shaw

Why Focus on Care Transitions?

- 20% of Medicare beneficiaries readmitted within 30 days
- Negative physical, emotional, psychological impact
- Costs Medicare billions of dollars¹
 - \$26 billion annually
 - \$17.5 billion on in-patient spending
- Avoidable hospitalizations/readmissions a key strategy
 - 25-42% of readmissions are avoidable²

1. Jordan Rau. *Medicare Revises Hospitals' Readmissions Penalties*, Kaiser Health News. Oct. 2, 2012.

2. Long-Term Quality Alliance. *Improving Care Transitions: how quality improvement organizations and innovative communities can work together to reduce hospitalizations among at-risk populations*. June 2012.

CMS Special Study in Georgia Expert Ratings of Potentially Avoidable Hospitalizations

Based review of 200 hospitalizations from 20 NHs

	Was the Hospitalization Avoidable?	
	Definitely/Probably YES	Definitely/Probably NO
Medicare A	69%	31%
Other	65%	35%
HIGH Hospitalization Rate Homes	75%	25%
LOW Hospitalization Rate Homes	59%	41%
TOTAL	68%	32%

Ouslander et al: J Amer Ger Soc 58: 627-635, 2010

Major Problem Areas

- Acute change in condition
- Care transitions
- Medication management

AMDA Conference, 2006

Poor Transitions and ADEs

- ADEs are responsible for 5% to 28% of acute geriatric hospital admissions
- ADEs incidence: 26/1000 hospital beds
- In nursing homes, \$1.33 spent on ADEs for every \$1.00 spent on medications
- 350,000 ADEs in NHs each year
- Annual cost of ADEs in NHs is \$7.6 billion

Impact on Hospitals

- More than 2000 hospitals have received readmission penalties
- Penalties: >\$280 million
- “Reputation Penalty”: Hospital Compare website

Ineffective Transitions

- Wrong treatment
- Delay in diagnosis
- Severe adverse events
- Patient complaints
- Litigation
- Increased healthcare costs
- Increased length of stay

Source: Australian Council for Safety and Quality in Health Care. Clinical hand-over and Patient Safety literature Review Report. March 2005.

Hospital Challenges

- Lack of control over PAC setting
- Gathering data on quality metrics and outcomes
- Collaboration with PAC providers that address hospital needs
- Limiting PAC networks to quality providers

CEO/CFO



- 78 million boomers turning 65
- Where are my margins?
 - CV procedures, hip/knee replacements
- Margins on frail older adults with unplanned hospitalizations flat or negative
- Rx: Keep my beds for the high-margin cases and find alternative quality locations for others
- CMO: The hospital can be a dangerous place for an older adult (e.g., delirium, HAIs, falls, pressure ulcers)

Post-Acute Care

- 40% of Medicare beneficiaries admitted to post-acute and long-term care settings
- Skilled nursing, assisted living, and home care become critical to reducing re-hospitalizations
- Need to build collaborative relationships in the communities we serve
- Need to empower patients AND families

Co-Opetition

Co-Opetition = Cooperation + Competition

Spotlight on Transitions

- Government: Quality Improvement Organization 9th Scope of Work
- Joint Commission: including care transitions in accreditation requirements and in 2009 Patient Safety Goals
- ASIM: Step Up to the Plate Alliance—safe, effective, patient-centered, timely, efficient, equitable service
- AGS: Position statement on care transitions
- AMA: passed a resolution submitted by AMDA
- Society of Hospital Medicine: Project BOOST
- AMDA: Created a Clinical Practice Guideline
- National Transitions of Care Coalition

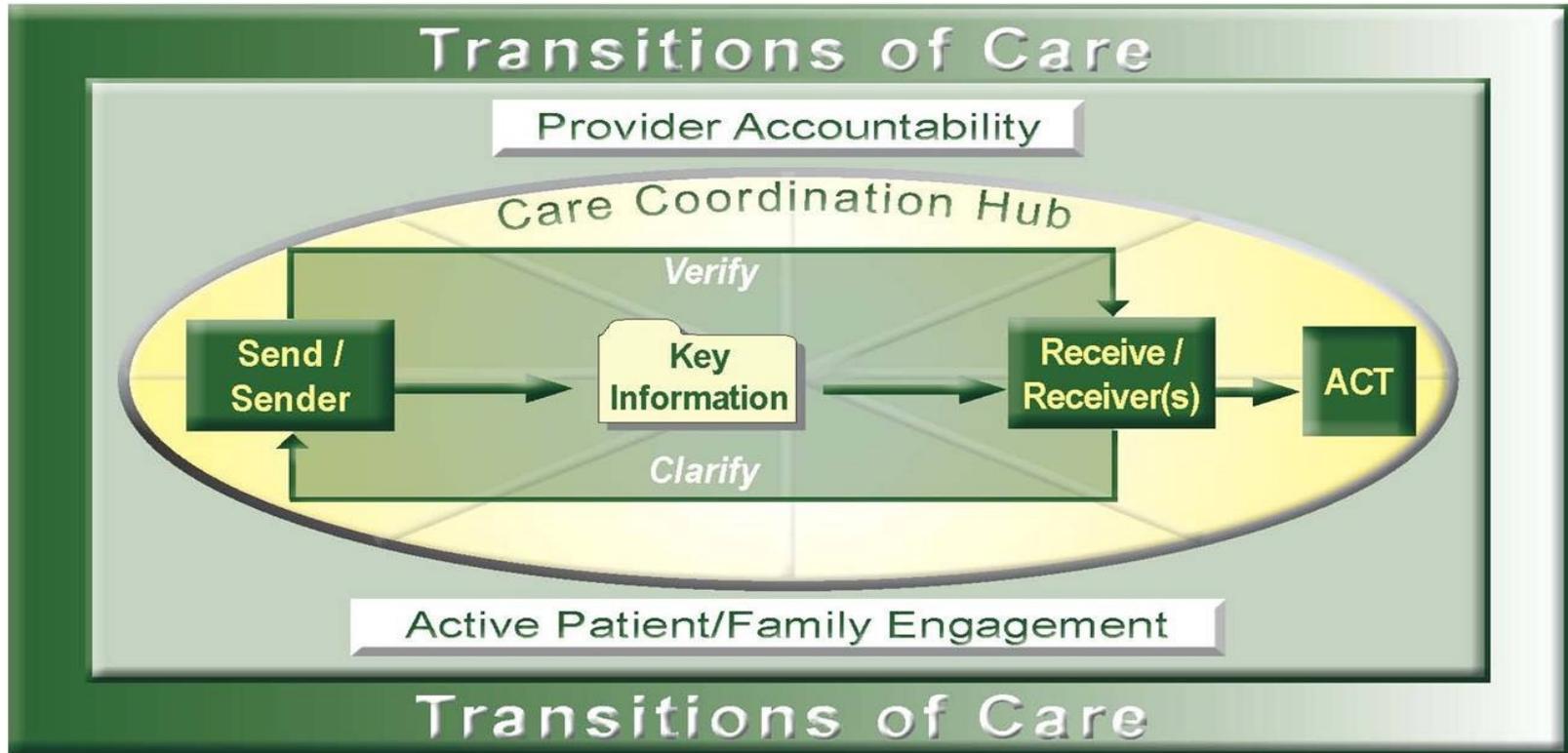
Communication



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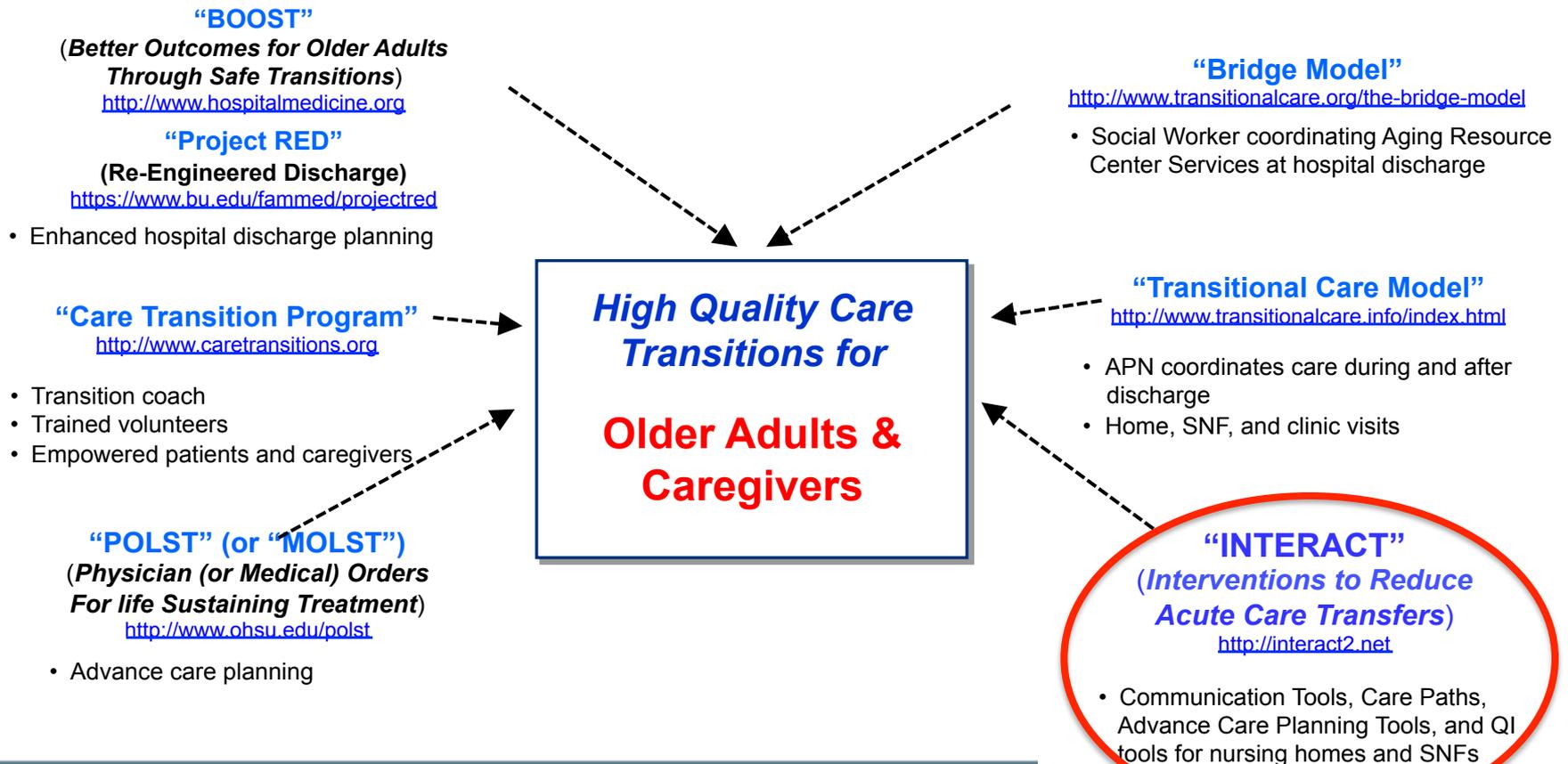
Conceptual Model



Source: National Transitions of Care Coalition

Overview of Transition Programs

INTERACT is One of Several Evidence-Based Care Transitions Interventions





- Can help safely reduce hospital transfers by:
 1. Preventing conditions from becoming severe enough to require hospitalization through early identification and assessment of changes in resident condition
 2. Managing some conditions in the NH without transfer when this is feasible and safe
 3. Improving advance care planning and the use of palliative care plans when appropriate as an alternative to hospitalization for some residents

INTERACT: A Quality Improvement Program



Quality Improvement Tools

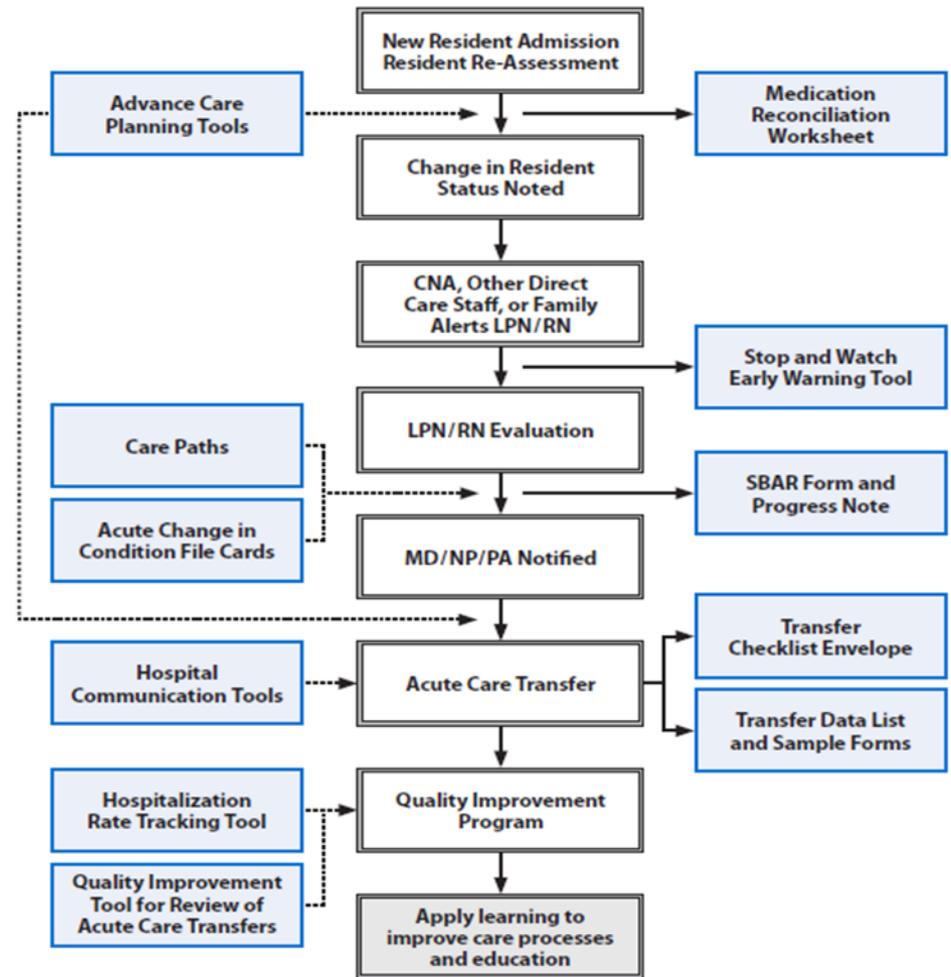
Communication Tools

Decision Support Tools

Advance Care Planning Tools

Checklists

Using the INTERACT Tools In Every Day Care



www.interact.fau.edu

Stop and Watch

Stop and Watch Early Warning Tool



If you have identified a change while caring for or observing a resident, please **circle** the change and notify a nurse. Either give the nurse a copy of this tool or review it with her/him as soon as you can.

S	Seems different than usual
T	Talks or communicates less
O	Overall needs more help
P	Pain – new or worsening; Participated less in activities
a	Ate less
n	No bowel movement in 3 days; or diarrhea
d	Drank less
W	Weight change
A	Agitated or nervous more than usual
T	Tired, weak, confused, or drowsy
C	Change in skin color or condition
H	Help with walking, transferring, toileting more than usual

Name of Resident

Your Name

Reported to

Date and Time (am/pm)

Nurse Response

Date and Time (am/pm)

Nurse's Name

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Interacting with Hospitals

The NH to Hospital Transfer Form has two pages.

- The first page has information that ED physicians and nurses identified as essential to make decisions about the resident
- Consistent and clear clinical terms are used

Nursing Home to Hospital Transfer Form



Resident Name (last, first, middle initial) _____ Language: <input type="checkbox"/> English <input type="checkbox"/> Other _____ Resident to: <input type="checkbox"/> SNF/rehab <input type="checkbox"/> Long-term Date Admitted (most recent) ____/____/____ DOB ____/____/____ Primary diagnosis(s) for admission: _____		Sent To (name of hospital) _____ Date of transfer ____/____/____ Sent From (name of nursing home) _____ Unit _____	
Contact Person Relationship (check all that apply) <input type="checkbox"/> Relative <input type="checkbox"/> Health care proxy <input type="checkbox"/> Guardian <input type="checkbox"/> Other Tel (_____) _____ Method of transfer: <input type="checkbox"/> Yes <input type="checkbox"/> No Aware of clinical situation? <input type="checkbox"/> Yes <input type="checkbox"/> No		Who to Call at the Nursing Home to Get Questions Answered Name/Title _____ Tel (_____) _____	
Primary Care Clinician in Nursing Home <input type="checkbox"/> MD <input type="checkbox"/> NP <input type="checkbox"/> PA Name _____ Tel (_____) _____			
Code Status <input type="checkbox"/> Full Code <input type="checkbox"/> DNR <input type="checkbox"/> DNI <input type="checkbox"/> DNH <input type="checkbox"/> Comfort Care Only <input type="checkbox"/> Uncertain			
Key Clinical Information Reason(s) for transfer: _____ Is the primary reason for transfer for diagnostic testing, not admission? <input type="checkbox"/> No <input type="checkbox"/> Yes Tests: _____ Relevant diagnoses <input type="checkbox"/> CHF <input type="checkbox"/> COPD <input type="checkbox"/> CHF <input type="checkbox"/> DM <input type="checkbox"/> Ca (active treatment) <input type="checkbox"/> Dementia <input type="checkbox"/> Other _____ Vital Signs BP _____ HR _____ RR _____ Temp _____ O2 Sat _____ Time taken (am/pm) _____ Most recent pain level _____ (□ N/A) Pain location: _____ Most recent pain mod _____ Date given ____/____/____ Time (am/pm) _____			
Usual Mental Status: <input type="checkbox"/> Alert, oriented, follows instructions <input type="checkbox"/> Alert, disoriented, but can follow simple instructions <input type="checkbox"/> Alert, disoriented, but cannot follow simple instructions <input type="checkbox"/> Not Alert		Usual Functional Status: <input type="checkbox"/> Ambulates independently <input type="checkbox"/> Ambulates with assistive device <input type="checkbox"/> Ambulates only with human assistance <input type="checkbox"/> Not ambulatory	
Additional Clinical Information: <input type="checkbox"/> SBAR Acute Change in Condition Note included <input type="checkbox"/> Other clinical notes included For residents with lacerations or wounds: Date of last tetanus vaccination (if known) ____/____/____			
Devices and Treatments <input type="checkbox"/> O2 at _____ l/min by <input type="checkbox"/> Nasal cannula <input type="checkbox"/> Mask (□ Chronic □ New) <input type="checkbox"/> Nebulizer therapy: (□ Chronic □ New) <input type="checkbox"/> CPAP <input type="checkbox"/> BiPAP <input type="checkbox"/> Pacemaker <input type="checkbox"/> IV <input type="checkbox"/> PCC line <input type="checkbox"/> Bladder (Foley) Catheter (□ Chronic □ New) <input type="checkbox"/> Internal Defibrillator <input type="checkbox"/> Enteral Feeding <input type="checkbox"/> TPN <input type="checkbox"/> Other _____		Isolation Precautions <input type="checkbox"/> MRSA <input type="checkbox"/> VRE Site _____ <input type="checkbox"/> C. difficile <input type="checkbox"/> Norovirus <input type="checkbox"/> Respiratory virus or flu <input type="checkbox"/> Other _____	
Risk Alerts <input type="checkbox"/> Anticoagulation <input type="checkbox"/> Falls <input type="checkbox"/> Pressure ulcer(s) <input type="checkbox"/> Aspiration <input type="checkbox"/> Seizures <input type="checkbox"/> Harm to self or others <input type="checkbox"/> Restraints <input type="checkbox"/> Limited/room weight bearing: (□ Left □ Right) <input type="checkbox"/> May attempt to exit <input type="checkbox"/> Swallowing precautions <input type="checkbox"/> Needs meds crushed <input type="checkbox"/> Other _____		Personal Belongings Sent with Resident <input type="checkbox"/> Eyeglasses <input type="checkbox"/> Hearing Aid <input type="checkbox"/> Dental Appliance <input type="checkbox"/> Jewelry <input type="checkbox"/> Other _____	
Nursing Home Would be able to Accept Resident Back Under the Following Conditions <input type="checkbox"/> DR determines diagnoses, and treatment can be done in NH <input type="checkbox"/> VS stabilized and follow-up plan can be done in NH <input type="checkbox"/> Other _____		Additional Transfer Information on a Second Page: <input type="checkbox"/> Included <input type="checkbox"/> Will be sent later	
Form Completed By (name/title) _____ Report Called In By (name/title) _____ Report Called In To (name/title) _____		Signature _____ Date ____/____/____ Time (am/pm) _____	

Interacting with Hospitals

The NH to Hospital Transfer Form has two pages.

- The second page has additional information that will be helpful to inpatient teams, and can be sent within 24 hours if the resident is admitted.

Nursing Home to Hospital Transfer Form *(additional information)*



RECEIVER: PLEASE ENSURE THIS INFORMATION IS DELIVERED TO THE NURSE RESPONSIBLE FOR THIS PATIENT

Resident Name (last, first, middle initial) _____

Contact at Nursing Home for Further Information Name / Title _____ Tel (_____) _____	Social Worker Name _____ Tel (_____) _____
Family and Other Social Issues (include what hospital staff needs to know about family concerns) _____ _____ _____	Behavioral Issues and Interventions _____ _____ _____
Primary Goals of Care at Time of Transfer <input type="checkbox"/> Rehabilitation and/or Medical Therapy with intent of returning home <input type="checkbox"/> Chronic long-term care <input type="checkbox"/> Palliative or end-of-life care <input type="checkbox"/> Receiving hospice care <input type="checkbox"/> Other _____	Treatments and Frequency (include special treatments such as dialysis, chemotherapy, transfusions, radiation, TPN) _____ _____ _____
Diet Needs assistance with feeding? <input type="checkbox"/> No <input type="checkbox"/> Yes Trouble swallowing? <input type="checkbox"/> No <input type="checkbox"/> Yes Special consistency (thickened liquids, crush meds, etc...)? <input type="checkbox"/> No <input type="checkbox"/> Yes Enteral tube feeding? <input type="checkbox"/> No <input type="checkbox"/> Yes (formula/rate) _____	Skin/Wound Care Pressure Ulcers (stage, location, appearance, treatments) _____ _____ _____
Physical Rehabilitation Therapy Resident is receiving therapy with goal of returning home? <input type="checkbox"/> No <input type="checkbox"/> Yes Physical Therapy: <input type="checkbox"/> No <input type="checkbox"/> Yes Interventions _____ Occupational Therapy: <input type="checkbox"/> No <input type="checkbox"/> Yes Interventions _____ Speech Therapy: <input type="checkbox"/> No <input type="checkbox"/> Yes Interventions _____	ADLs Mark I – Independent D – Dependent A – Needs Assistance Bathing _____ Dressing _____ Transfers _____ Toileting _____ Eating _____ <input type="checkbox"/> Can ambulate independently <input type="checkbox"/> Assistive device (if applicable) _____ <input type="checkbox"/> Needs human assistance to ambulate _____
Impairments – General <input type="checkbox"/> Cognitive <input type="checkbox"/> Speech <input type="checkbox"/> Hearing <input type="checkbox"/> Vision <input type="checkbox"/> Sensation <input type="checkbox"/> Other _____	Impairments – Musculoskeletal <input type="checkbox"/> Amputation <input type="checkbox"/> Paralysis <input type="checkbox"/> Contractures <input type="checkbox"/> Other _____
Continence <input type="checkbox"/> Bowel <input type="checkbox"/> Bladder Date of last BM _____ / _____ / _____	
Additional Relevant Information _____ _____ _____	
Form Completed By (name/title) _____ If this page sent after initial transfer: Date sent _____ / _____ / _____ Time (am/pm) _____ Signature _____	

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Interacting with Hospitals

This **Transfer Checklist** can be printed or taped onto an envelope, and is meant to compliment the Transfer Form by indicating which documents are included with the Form

Acute Care Transfer Document Checklist



Resident Name _____

Facility Name _____ Tel _____

Copies of Documents Sent with Resident *(check all that apply)*

Documents Recommended to Accompany Resident

- Resident Transfer Form
- Face Sheet
- Current Medication List or Current MAR
- SBAR and/or other Change in Condition Progress Note *(if completed)*
- Advance Directives *(Durable Power of Attorney for Health Care, Living Will)*
- Advance Care Orders *(POLST, MOLST, POST, others)*

Send These Documents *if indicated:*

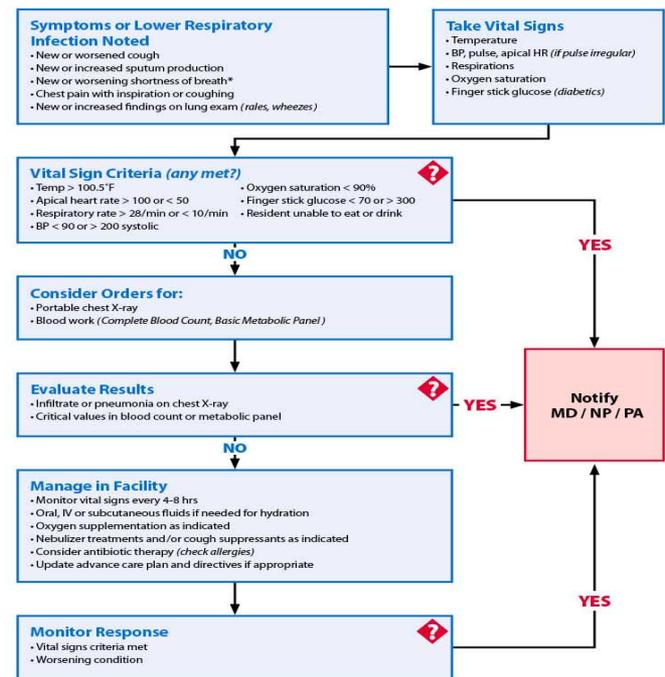
- Most Recent History and Physical
- Recent Hospital Discharge Summary
- Recent MD/NP/PA and Specialist Orders
- Flow Sheets *(e.g. diabetic, wound care)*
- Relevant Lab Results *(from the last 1-3 months)*
- Relevant X-Rays and other Diagnostic Test Results
- Nursing Home Capabilities Checklist *(if not already at hospital)*

Emergency Department:

Please ensure that these documents are forwarded to the hospital unit if this resident is admitted. Thank you.

INTERACT Care Paths

- Acute Mental Status Change
- Change in Behavior: New or Worsening Behavioral Symptoms
- Dehydration
- Fever
- GI Symptoms – nausea, vomiting, diarrhea
- Shortness of Breath
- Symptoms of CHF
- Symptoms of Lower Respiratory Illness
- Symptoms of UTI



*Refer also to INTERACT III Shortness of Breath Care Path

Change in Condition File Cards

The INTERACT Change in Condition File Cards are meant to be visible and sit next to the phone for quick reference

Change in Condition: *When to report to the MD/NP/PA*



Immediate Notification

Any symptom, sign or apparent discomfort that is:

- Acute or Sudden in onset, and:
- A Marked Change (i.e. more severe) in relation to usual symptoms and signs, or
- Unrelieved by measures already prescribed

Non-Immediate Notification

- New or worsening symptoms that do not meet above criteria

This guidance is adapted from: IMDS Clinical Practice Guideline – Acute Changes in Condition in the Long-Term Care Setting 2009; and Oulander, J, Osarwall, D, Morley, J. Medical Care in the Nursing Home. McGraw-Hill, 1999

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Interacting with Hospitals

Information Transfer From the Hospital

- The **Hospital to Post-Acute Care Transfer Form** highlights **Critical Time Sensitive Information**
- But, there is no substitute for a **warm handoff**.

L. Critical Transitional Care Information: Pending Tests and Follow-Up
Summarize high-priority care needs for next 24-48 hrs (including essential medications, pain control, tests needed, follow-up): _____

Pending Lab and Test Results: _____

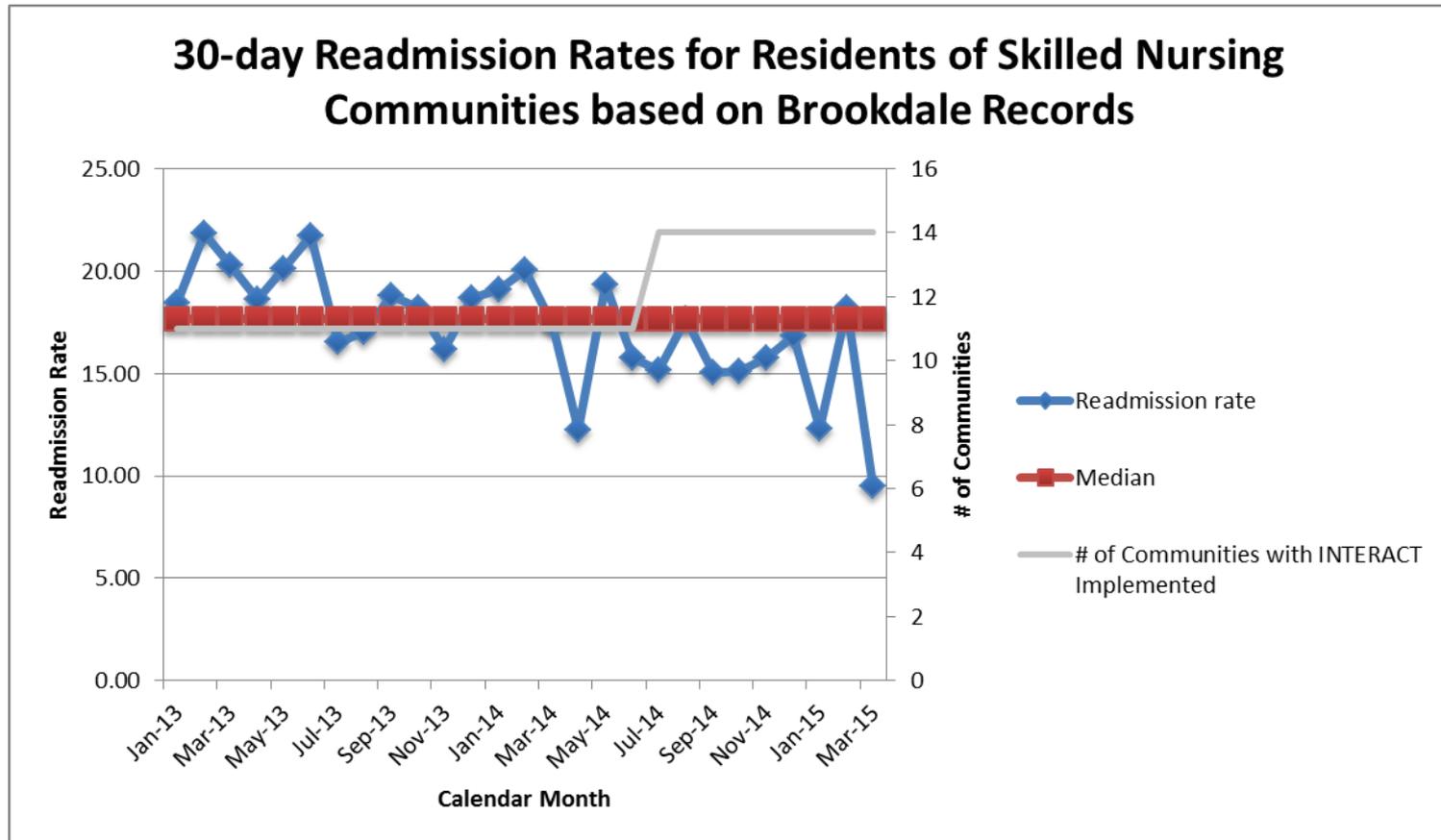
Recommended Follow-Up Tests, Procedures, Appointments: _____



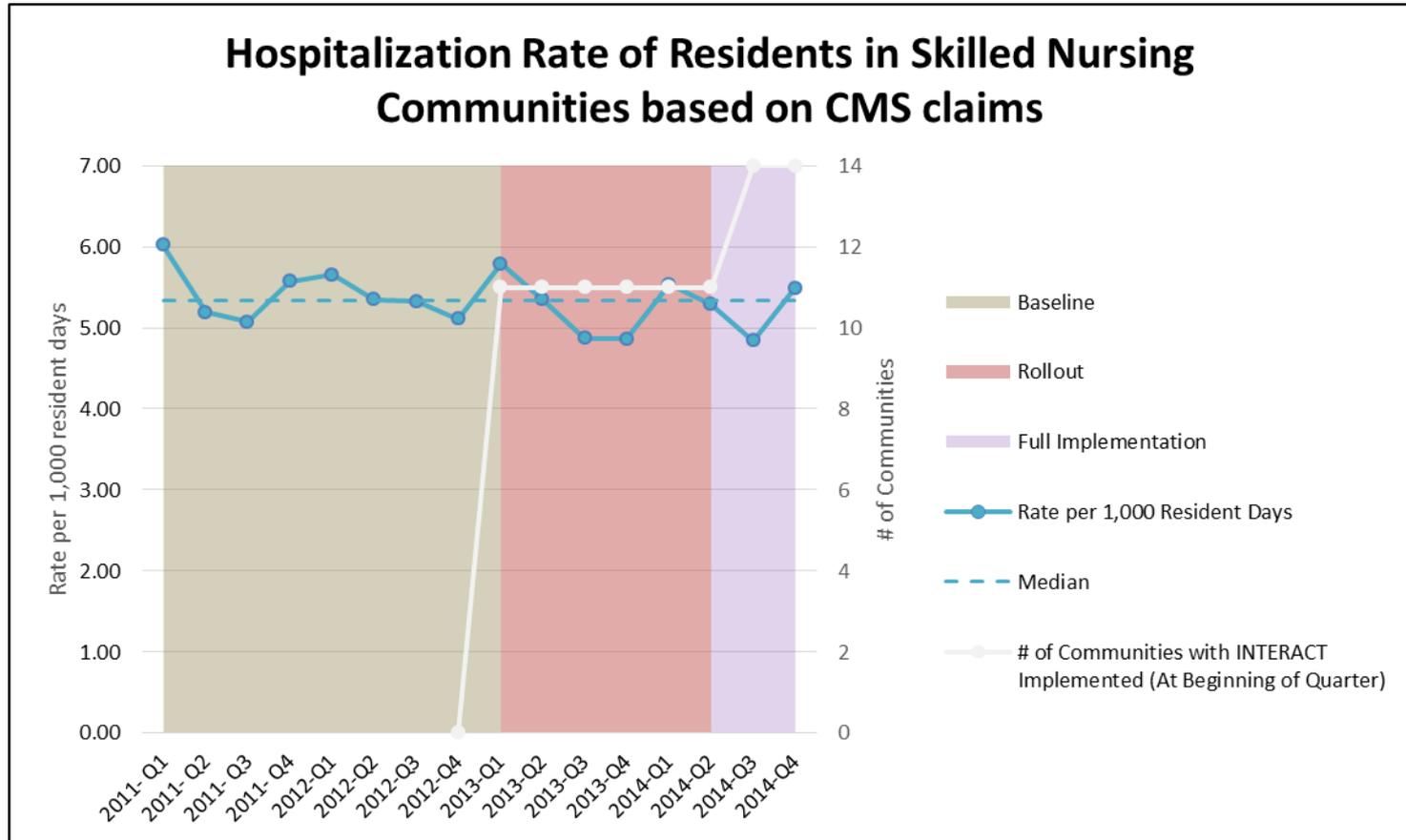
CMS Health Innovation Challenge Grant

- 3 Year Grant - Awarded July 1, 2012 to University of North Texas Health Science Center in partnership with Brookdale
- Goal: to revise and implement INTERACT Program in skilled nursing, assisted living, and home care settings
- 67 Brookdale Communities in Tampa Bay, Jacksonville, Dallas/Ft. Worth, Houston, Austin, San Antonio, Kansas City, and Denver
- Program to be shared and disseminated
- Expected savings of more than \$9 million

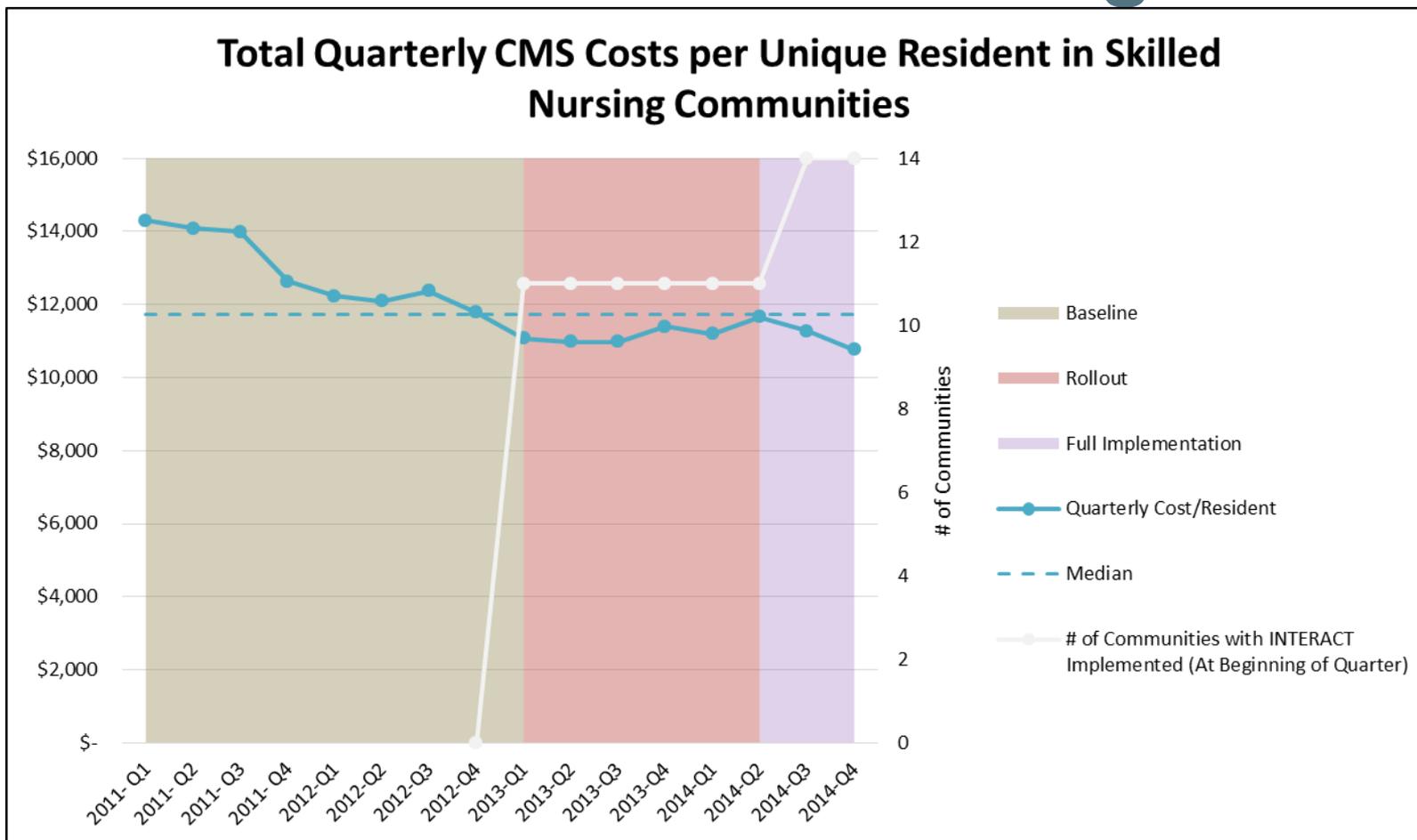
SNF 30-Day Readmission Rate



SNF Hospitalization Rate: CMS Claims



Cost of Care: Skilled Nursing



INTERACT-AL and INTERACT-HH

- Now available at www.interact.fau.edu
- Include:
 - Communication Tools
 - Quality Improvement Tools
 - Decision Support Tools
 - Advance Care Planning Tools

Case History

Madelyn O, 84 year old

Past history: hypertension, atrial fibrillation, CHF

Med: lisinopril, HCTZ, digoxin, warfarin

- Falls, fractures left hip
- Undergoes surgical repair
- Transferred to rehab. Warfarin held for prolonged INR

The Revolving Door

- After 2 week stay in rehab, transferred to assisted living
- Arrives with transfer papers, no discharge summary
- Med list does not include warfarin
- 1 week later, has sudden left-sided weakness and is transferred back to the hospital with an acute stroke.

QUESTION: Was this preventable or not?

Assisted Living Landscape

- Fastest growing segment of elder care
 - Over 31,000 ALFs
 - 971,900 beds
- Acuity level has increased*
 - 86% need assistance with taking meds
 - 72% with bathing
 - 57% with dressing
 - 41% with toileting
 - 36% with transferring
 - 23% with eating

**Source: National Center for Health Statistics, 2010*

INTERACT Assisted Living Version 1.0 Tools

- These are a modification of the ***INTERACT Quality Improvement Program 3.0 Tools*** based on feedback from an Assisted Living Facility (ALF) usability pilot-testing program.
- The majority of ALF participants reported *usability* of the tools
 - and experts in ALF care provided suggestions for improving the tools for use in every day care of residents.

Do you think this INTERACT AL is a useful tool?

Percentage of respondents agreeing that the tool is useful

Communication Tools	
SBAR Communication Form and Progress Note for RN/LPN/LVNs in AL/HH	70%
SBAR Communication Form and Progress Note for Caregiver in AL/HH	53%
Medication Reconciliation Worksheet for Post-Hospital Care	47%
Stop and Watch Early Warning Tool	88%

Percentage of respondents agreeing that the tool is useful

For Communication Between AL and Hospital	
Assisted Living Capabilities List	69%
AL to Hospital Transfer Form	61%
AL to Hospital Transfer Data List	48%
AL Acute Care Transfer Checklist	53%
Hospital To Post Acute Care Transfer Form	47%
Hospital To Post Acute Care Data List	37%

Final Assisted Living Pilot Site Ratings (N=33*) Response rate varies from 26-33 participants

Identifying Residents who may be Appropriate for Hospice or Palliative/Comfort Care Orders



I. Residents with Selected Diagnoses who may be Appropriate for Hospice

Congestive Heart Failure

- Symptoms of CHF at rest (*New York Heart Association class IV*)
- Serum sodium level < 134 mmol/L or creatinine level > 2.0 mg/dL due to poor cardiac output
- Intensive care unit admission for exacerbation

Chronic Obstructive Pulmonary Disease

- Cor pulmonale (*right-sided heart failure associated with COPD*)
- Intensive care unit admission for exacerbation
- New dependence in two activities of daily living (ADLs) due to COPD symptoms
- Chronic hypercapnia (*PaCO₂ > 50 mm Hg*)

Dementia

- Dependence in all ADLs, language limited to just a few words, and inability to ambulate
- Acute hospitalization (*especially for pneumonia or hip fracture*)
- Difficulty swallowing with recurrent aspiration
- Has feeding tube due to dementia or swallowing difficulty related to dementia

Cancer

- Poor physical performance status as a result of cancer (*dependence in multiple ADLs*)
- Multiple tumor sites
- Metastatic cancer involving liver or brain
- Bowel obstruction due to cancer
- Pericardial effusion due to cancer

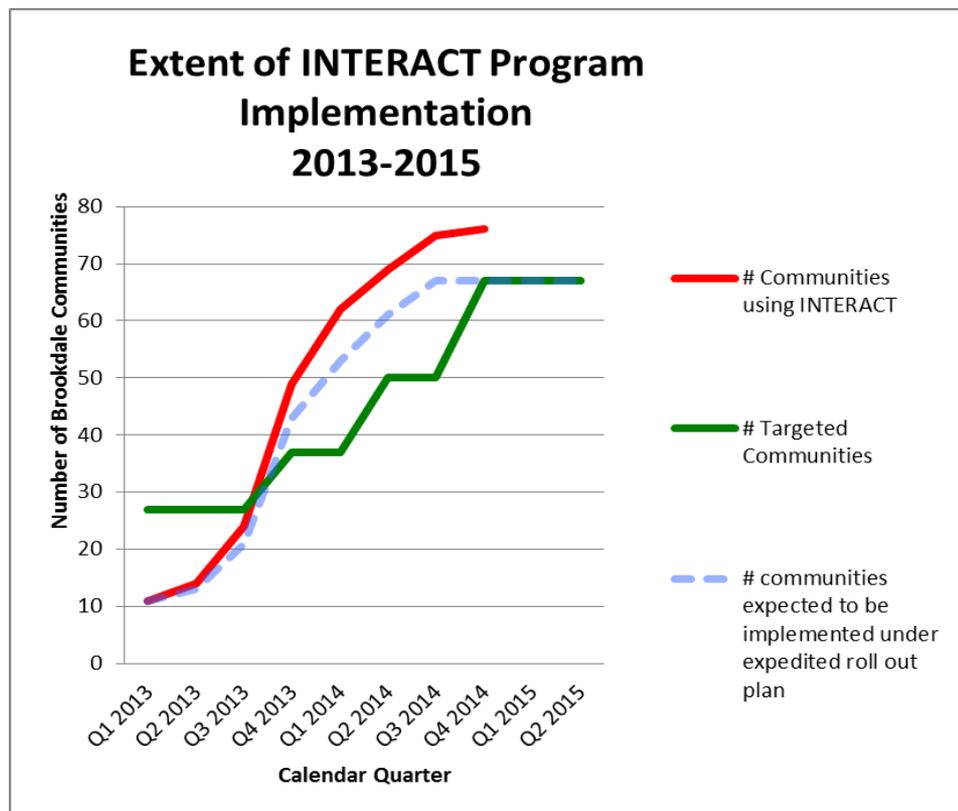
II. Residents at High Risk of Actively Dying who Should be Considered for Palliative or Comfort Care Orders (*if not already on Hospice*)

- Frequent Emergency Room visits and/or hospitalizations over the last 6 months
- Sudden, major decline in functional status with no identified reversible causes
- Primary diagnosis of metastatic cancer with chronic pain and/or poor ADL function, not on chemotherapy
- Semi-comatose or comatose state with no identified reversible causes
- Inability or difficulty taking oral medicines
- Minimal oral intake (*or receiving continuous or intermittent IV hydration*)
- Mottling of extremities related to poor oral intake or volume depletion

Pilot Sites Conclusions

- ALF tools are rated as very useful
- Highest ranked tools are Communication tools (SBAR and Stop and Watch)
- Decision support and Advance Care Planning tools were well received
- ALFs with Electronic records were more likely to complain the INTERACT forms duplicate work
- Staff indicated improvements but admitted it was work to implement
- Many pilot sites used communication forms but did not enact QI process for full use of all tools

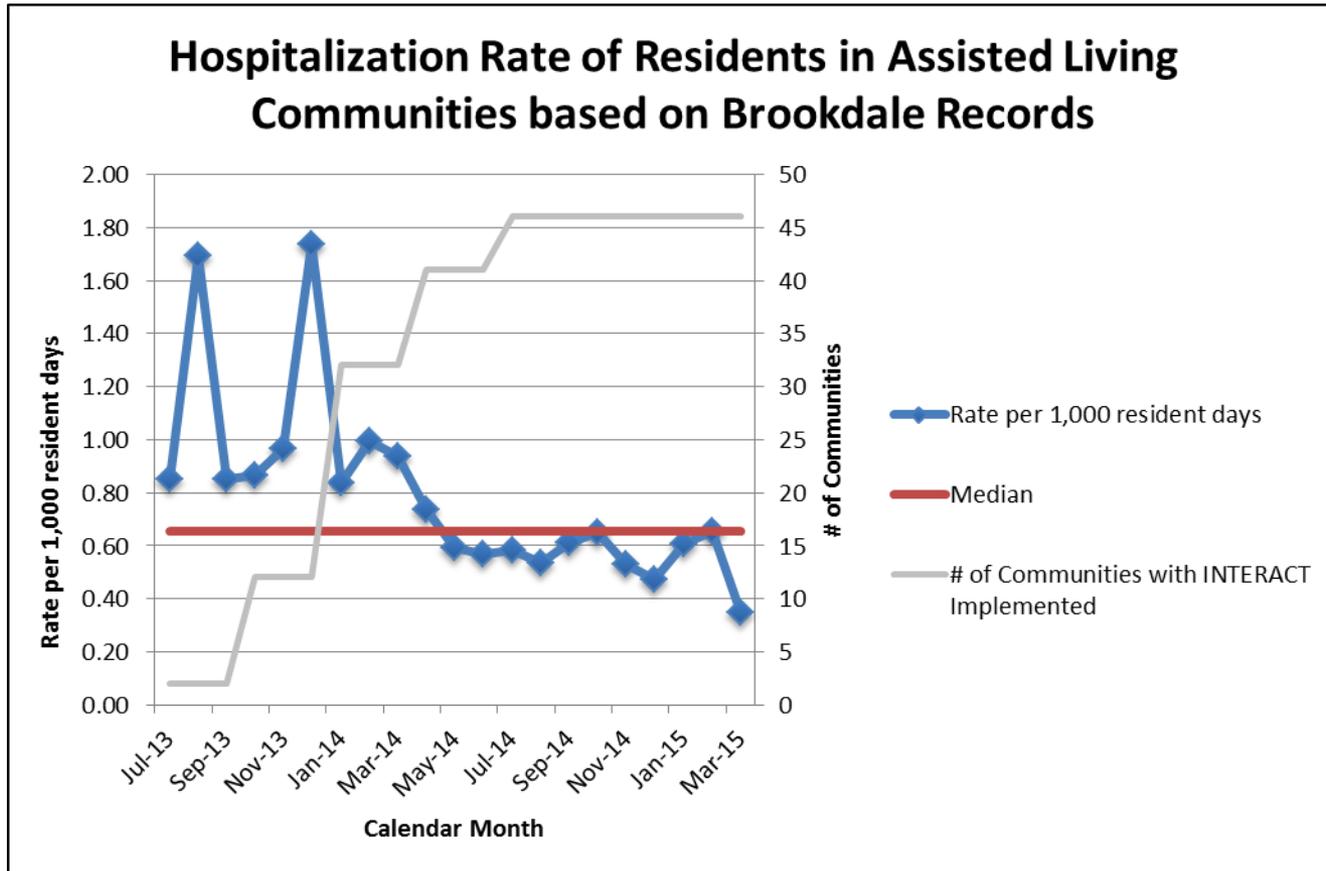
INTERACT Implementation



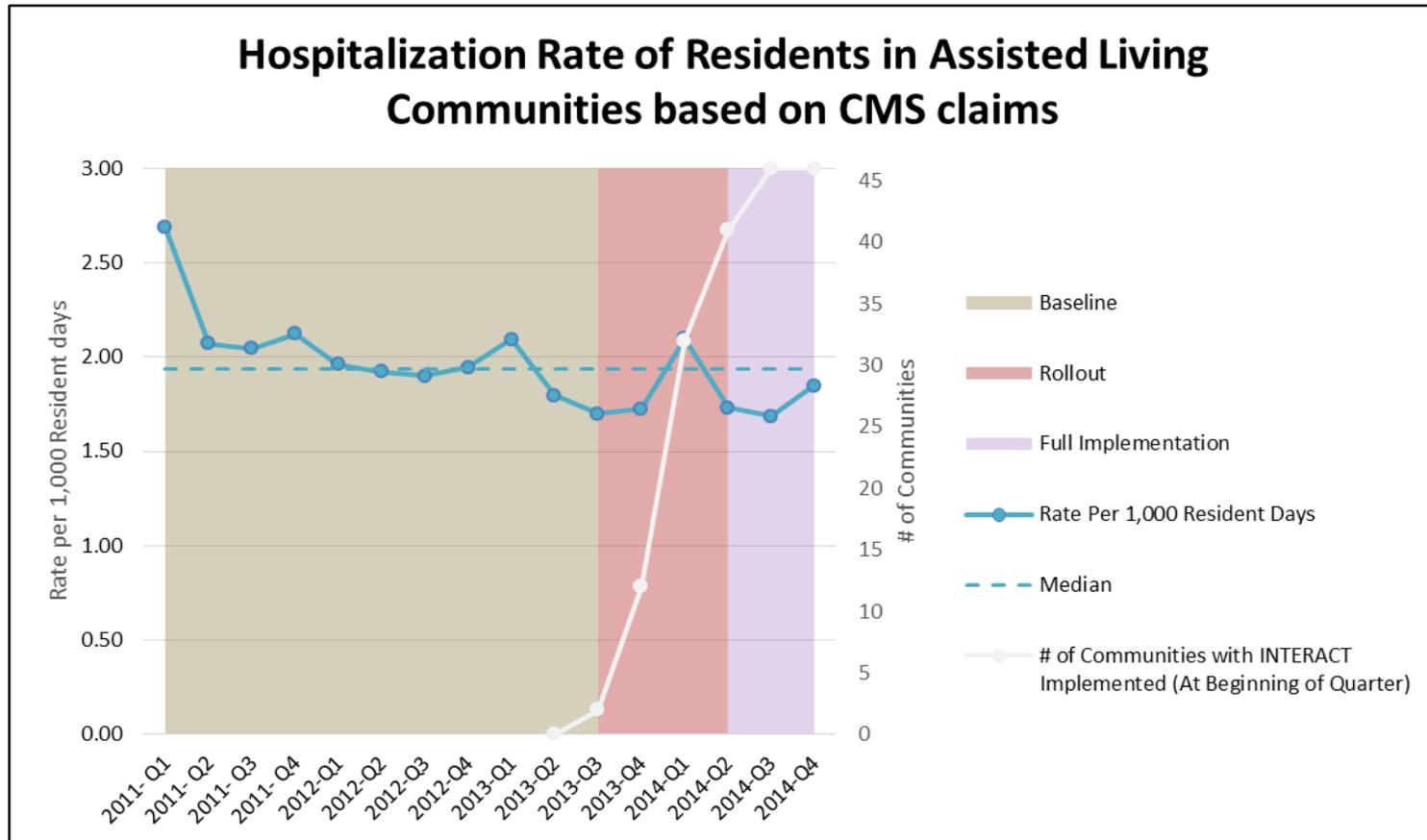
In God we trust; all others must bring data

-Edward Deming

Assisted Living: Hospitalization Rate

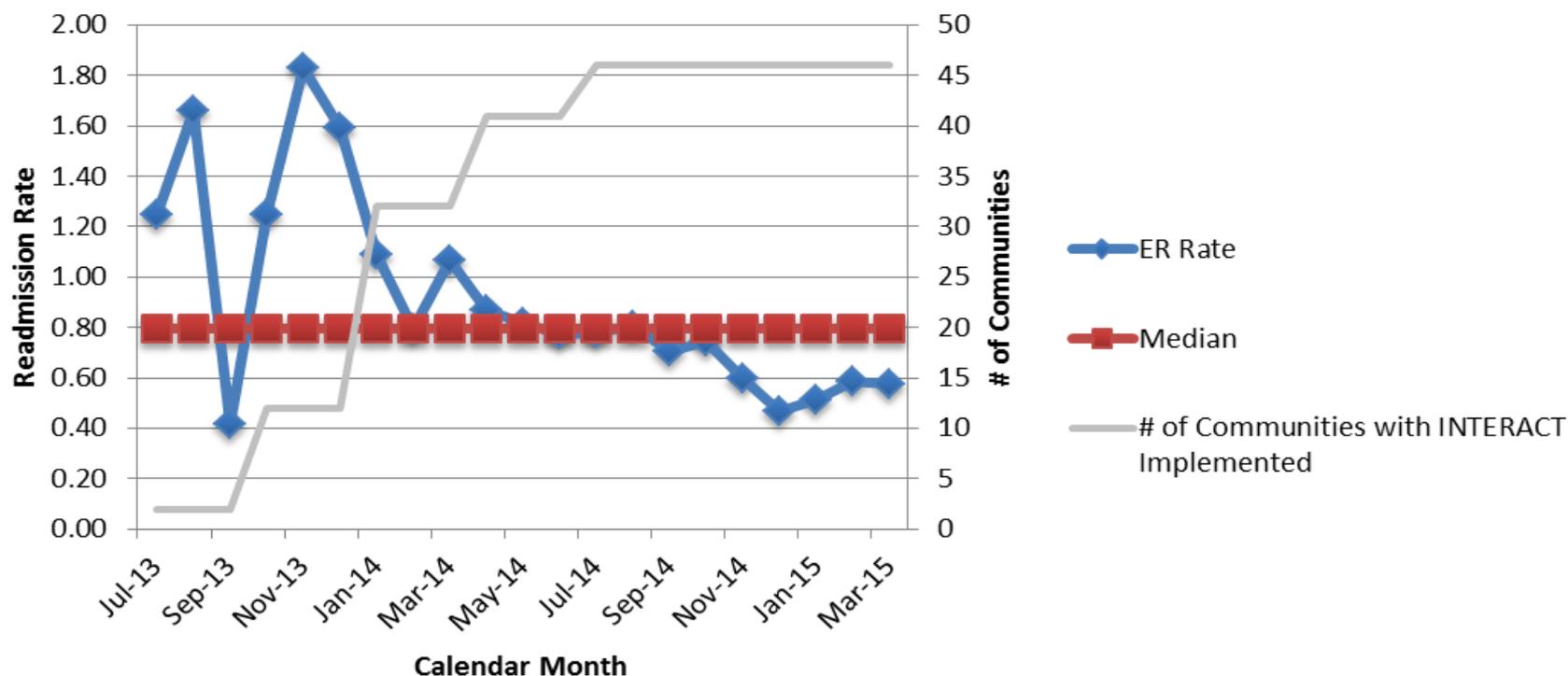


AL Hospitalization Rate: CMS Claims



Emergency Room Transfer Rates

ER Rate for Residents in Assisted Living Communities based on Brookdale Records



Engaging Hospitals

1. **Create** a list of all hospitals your facility sends patients to/or receives patients from.
2. **Identify** the 'readmissions champion' for each hospital.
3. **Host** or join a 'cross-continuum' or Community Care Transitions Working Group or Coalition.
4. **State** your facility's goals to reduce avoidable hospital transfers, admissions, and readmissions, and link that to the hospitals' goals in readmission reduction.
5. **Describe** the set of quality improvements underway in your facility through INTERACT and other initiatives.
6. **Ask** the hospital to be an active partner in your INTERACT improvements.

Engaging Hospitals in Your Program



Engaging Hospitals Checklist

1. **Create** a list of all hospitals your facility sends patients to or receives patients from.
2. **Identify** the 'readmissions champion' for each hospital. You can most easily discover who is leading the readmissions effort at local hospitals by reaching out to one of the leaders listed below. They will know who is the organizational lead for readmissions for example, the:
 - a. Chief Quality Officer
 - b. Chief Medical Officer
 - c. Chief Nursing Officer
 - d. Director of Case Management
 - e. Director of Quality
3. **Host** or join a 'cross-continuum' or Community Care Transitions Working Group or Coalition. Start by inviting the hospitals in your area to your facility to see your capabilities first hand. Also, attend cross-continuum team meetings hosted by your local hospitals. It is optimal to meet in person to form and strengthen relationships, but start with one person and one phone call if needed.
4. **State** your facility's goals to reduce avoidable hospital transfers, admissions, and readmissions, and link that to the hospital's goals in readmission reduction. Lead with a brief set of numbers:
 - a. The average number of patients you receive from the hospital each month
 - b. The current 30-day readmission rate among those patients
 - c. Your facility's goal to reduce preventable and unnecessary hospital transfers
5. **Describe** the set of quality improvements underway in your facility through INTERACT and other initiatives.
6. **Ask** the hospital to be an active partner in your INTERACT improvements.
 - a. Post the INTERACT NH Capabilities List in the ER and at floor case manager workstations
 - b. Educate ER staff and inpatient teams about relevant INTERACT forms and tools
 - c. Encourage ER physicians to review your transfer forms and consider returning the resident to NH if safe and appropriate based on the NH Capabilities Checklist
 - d. Develop a process to ensure INTERACT forms are sent from the ER to the patient care units
 - e. Improve hand-off communication between hospital and NH using 'Warm Hand-Off' (in-person communication)
 - f. Engage in regular readmission reviews to identify improvement opportunities

Engaging With Hospitals: $V = \frac{Q+S}{\$}$

- Identify your champions and co-champions
- Share your capabilities
- Demonstrate your value with data
- Participate on transition teams and coalitions
- Determine projects to pursue
- Hardwire continuous quality improvement structure

Ensure Leadership Buy-in

- Create a feeling of urgency
- Build your team
- Have a clear vision
- Communicate for buy-in
- Empower action
- Create short-term wins
- Don't let up
- Make changes stick

Source: Kotter JP, Leading Change

Impact: Acute and PAC Providers

- Strategic planning
- Identifies opportunities for synergistic alliances
- Increases care coordination with hospitals and communities
- Positions the PAC provider to be a viable hospital partner
- Aligns internal operations with ACA and hospital Initiatives

Project Impact: Medicare Population

Assist organizations in the development of processes that:

- Improve clinical post-acute care outcomes for Medicare population
- Decreases risk of inappropriate hospital readmissions and ER transfers
- Improves continuity of care from acute to post-acute care
- Reduce cost and health care expenditures through increased efficiency and operational capacity
- Provides methods to hold post-acute care and long-term care providers accountable for performance

Project Impact: Public Health

Addresses Accountable Care Act and Triple Aim Guidelines to:

- Improve Patient Experience
- Improve Quality of Healthcare
- Decrease Medical Cost

- Reduces:
 - Silos in Healthcare
 - Healthcare Expenditures
 - Medical Errors
- Increases Internal and External Accountability for PAC and LTC Providers
- Develops Relationships between Public Health and Senior Long-Term Healthcare Providers

What We Have Learned...

- Importance of Leadership & Communication
- Role of Champions/Co-Champions is critical
- Sustaining gains & training new staff
- Integrating QI/tools into the culture
- Opportunities with staff turnover
- Family/Caregiver education on INTERACT is important
- Advanced Care Planning discussions make a difference
- Involve all staff in quality improvement
- Critical role of the Transition Teams

Resources

- National Transitions of Care Coalition: www.ntocc.org
- Institute for Healthcare Improvement: www.ihl.org
- INTERACT QI Program: www.interact.fau.edu
- Care Transitions Program SM, University of Colorado (Eric Coleman, MD): www.caretransitions.org
- American Medical Director Association: Transitions of Care Clinical Practice Guideline at www.amda.com



“ Alone we can do so little;
together we can do so much.”

—Helen Keller

Questions?

