





#### Why should we study Discharge Readiness?... The 'So What" question

- Research to build evidence about Discharge Readiness
  - Is discharge readiness a predictor of hospital outcome or an outcome?
  - How should we measure discharge readiness?
  - > What are predictors and outcomes of Discharge Readiness
  - > Who knows best about Discharge Readiness?
     > What difference does it make if patients are 'not ready' for discharge?

Why study readiness for discharge? – in the beginning

Patients are discharged from the hospital in an intermediate rather than later stage of recovery. (Korttila, 1991)

# Why study readiness for discharge - now?

- More than 35 million discharges annually from acute care hospitals.
- ▶ 65% are discharged to home
- Inadequacies of discharge preparation are well documented.
- Readmission rates range from 8 to 15% in the 1st 30 days after discharge; 20% for age 65+
- Readmissions are costly and many are no longer reimbursed.
- Opportunities for process and outcome improvements

#### Why should nurses study discharge readiness?

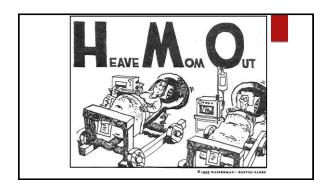
- An everyday nursing practice question:
   Is my patient ready to go home?
- Discharge preparation is a primary function of hospital-based nursing (Nosbusch et al., 2010).
- Discharge readiness is an important nurse-sensitive outcome of hospitalization.

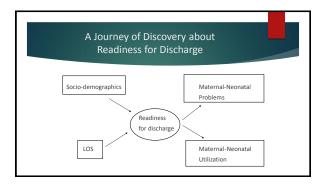
### Measuring discharge readiness: Who determines readiness?

- Physician
  - Clinical criteria
     Medical necessity for continuation of hospitalization
- <u>Nurse</u>
   Discharge preparation knowledge and skills
- Patient
- Readiness for self management
- Family
   Family readiness to assume care responsibility

#### Research to Build Evidence about Discharge Readiness

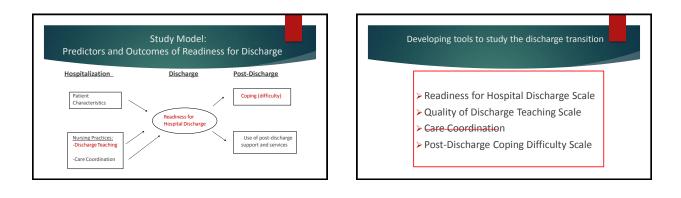
- ▶ The year.... 1996
- ▶ The healthcare landscape:
  - ► HMOs driving shorter lengths of stay





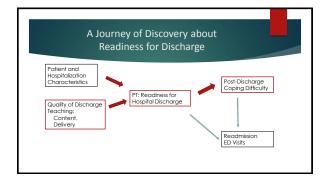




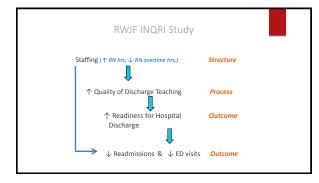


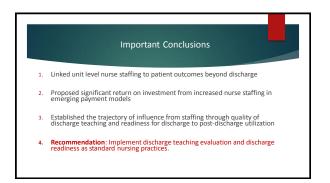
	r Hospital Discharge Scale:
Personal Status	Knowledge:
Physically ready Pain	Caring for yourself Personal needs
Energy Strength	Medical needs Restrictions
Emotionally ready	Problems to watch for Who and when to call
Physically able	What happens next Community resources
Perceived Coping Ability	Expected Support
Handle demands at home	Emotional support
Perform personal care	Help with personal care
Perform medical care	Help with household activities
	Help with medical care









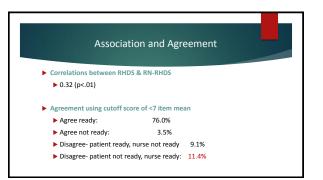




The Journey of Discovery about Readiness for Discharge				
Patient and Hospitalization Characteristics Quality of Discharge Teaching: Content, Delivery Unit Nurse Staffing	PT: Readiness for Hospital Discharge RN: Readiness for Hospital Discharge	Post-Discharge Coping Difficulty Readmission ED Visits		



RHDS Scale Statistics					
Scale	Max score	Mean	SD	Cronbach's alpha	
PT- RHDS/SF	80	67.6 (item mean=8.5/10)	10.9	.80	
RN- RHDS/SF	80	67.7 (item mean=8.5/10)	9.6	.81	



RN_Acc	accman	it of 'Low	Reading	acc'
	Depende	ent Variable = <sup>5</sup> ED o	r Readmission w	ithin 30 days
	Unadjus	ted Models	Adjus	ed Models"
VARIABLES	ED	R	ED	R
RN-RHDS/SF categories				
(8-8.9)	0.691	2.118	0.925	2.191
	(0.654)	(0.364)	(0.920)	(0.194)
(7 - 7.9)	1.044	1.398	2.162	2.023
	(0.960)	(0.645)	(0.337)	(0.344)
(< 7)	0.137*	6.293**	0.092	9.030***
	(0.081)	(0.030)	(0.271)	(0.009)
Patient controls &				
Length of stay (days)			1.212*	0.869
			(0.092)	(0.305)
4+ Discharge meds <sup>‡</sup>			5.408**	1.349
-			(0.010)	(0.574)

Used A found to Honoran Tome OF the 44 found to Honoran Tome Decision 11 (1997-1998) REFLACTIONS	Ready for Practice Change?
Validation of Patient and Nurse Short Forms of the Readiness for Hospital Discharge Scale and Their Relationship to Return to the Hospital	From observational studies, we know that:
Marianne K. Weiss, Linda L. Casta, Olgu Yakusheva, and Kathleen L. Boboy Objective. To validate patient and more abort forms for discharge readiness anexes users and their secondations with 50 days endeducions and energyncy department (92)	<ul> <li>Discharge readiness assessed by the nurse is associated with risk of adverse post-discharge outcomes including readmission</li> </ul>
visia. Data Sourcea' Study Setting. A total of 254 adult medical surgical pail ents and their dashangan amens flow an Daten II.S tertiary hospital between May and Nevember, Study Design. Prospective longitudinal design, makkoonial logistic regression analy- nia. Data Collection: Riverariation Methods. Narus and autoatist inducember to com- tant.	► For translation to practice, we don't yet know:
about on registricum Handmann for Hampiel Dharburge finale on the offset of Hampiel Hambiel enhancements constructions, and Dia United and Hambiel And Hambiel Philatelijk Phillippe, Nation assessment of their discovers destructionally distantised. The structure of the structure of the structure of the structure of the structure of the one of the structure of the structure of the structure of the structure of the Constructures. Nation is discovered assessments about the structure of the National Structure of the structure of the structure of the structure of the National Structure of the structure of the structure of the structure of the National Structure of the structure of the structure of the structure of the National Structure of the structure of the structure of the structure of the National Structure of the structure of the structure of the structure of the National Structure of the structure of the structure of the structure of the National Structure of the structure of the structure of the structure of the structure of the National Structure of the stru	<ul> <li>if implementing discharge readiness assessment as a standard nursing practice on the day of discharge can result in improved discharge transition care leadin to improved outcomes, specifically fewer readmission and ED visits.</li> </ul>







# The READI Study

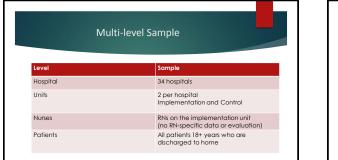
- Implementation of discharge readiness assessment as a standard nursing practice for discharge.
- Outcome variables: Readmissions /ED visits

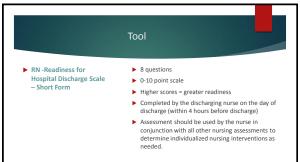
# Study Design

- Unit level implementation of discharge readiness assessment protocols
- Randomization of implementation and control units within each hospital
- Test modifications of a discharge readiness assessment protocol in sequence to identify the optimal and most efficient protocol for achieving outcomes

		Study Design		
<ul> <li>Stepped se</li> </ul>	quential imple	mentation:		
Steps Study Units	Baseline 4 months	Step 1 4 months	Step 2 4 months	Step 3 4 months
Implementation	Baseline	Discharge Readiness Assessment protocol using RN-RHDS	Modifications to the Discharge Readiness Assessment protocol	Modifications to the Discharge Readiness Assessment protocol
Control	Baseline control	Concurrent control	Concurrent control	Concurrent control

Multi-level Design Framework					
	Donabedian's Quality Model	Study Variables			
Unitlevel	Structure	Context variation Discharge Model of Care Nurse Staffing			
Patient Level	Nursing Process	Discharge Readiness Assessment			
	Patient Outcomes	Readmissions ED visits post-discharge			

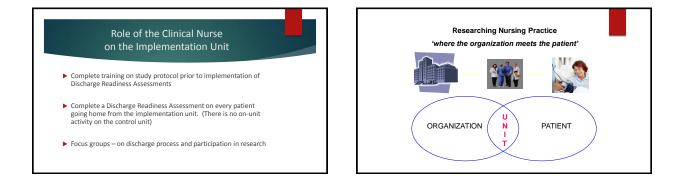




# Timeline

- 3 year study period began July 1, 2014
- 13 months of on-unit data collection
  - Starts between February and May 2015 for most hospitals
- Training about the study protocol will occur in the 2 weeks before on-unit implementation. Short trainings will happen as modifications are introduced.
- After 1 year of data collection
  - Electronic data retrieval
  - Focus groups
  - Hospital specific and total study results.







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