



Indiana State Department of Health

**WE
WILL**

PREVENT PRESSURE ULCERS.
KNOW THE FACTS. TAKE ACTION.

Recognizing Successes in the Indiana Pressure Ulcer Quality Initiative

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Introduction

- Collaborative Team—June 2008
- Adopted the Institute for Healthcare Improvement Breakthrough Series Collaborative model
 - 12-15 months
 - Highly interactive education
 - Consultation and technical assistance



Introduction

- Benefits of Participation
 - Increased quality of life
 - Opportunity for improved health care
 - Improved facility reputation
 - Learn from the experts
 - Cost savings

Introduction

- Goal—Decrease pressure ulcers by 16-20%
- Measureable Outcomes
 - # of facilities and individuals trained
 - Partnerships established
 - Method and frequency of technical assistance
 - Number of changes implemented

Introduction

- Measurement Tools
 - Pressure Ulcer Knowledge Questionnaire
 - 20 questions administered to all staff
 - Pre-Test – October 2008; Post-Test – July 2009
 - Pressure Ulcer Self Assessment Worksheet
 - Designed by the Pressure Ulcer Expert Faculty
 - Measure effectiveness of pressure ulcer prevention system
 - 32 items evaluated by designated team
 - Pre-Test – Oct-Dec 2008; Post-Test – July 2009

Description of Indiana Pressure Ulcer Initiative

- September –October 2008
 - Selection of Participants
 - Knowledge Questionnaire and Self Assessment Worksheet Pre-Test
- October-November 2008
 - Learning Session #1 (separate)
 - Webinars
- April 2009
 - Learning Session #2 (together)
 - Consumer Brochure
 - Webinars

Description of Indiana Pressure Ulcer Initiative

- July 2009
 - On-line education modules
 - Indiana health Care Quality Resource Center
 - Knowledge Questionnaire and Self Assessment Worksheet Post-Test
- August 2009

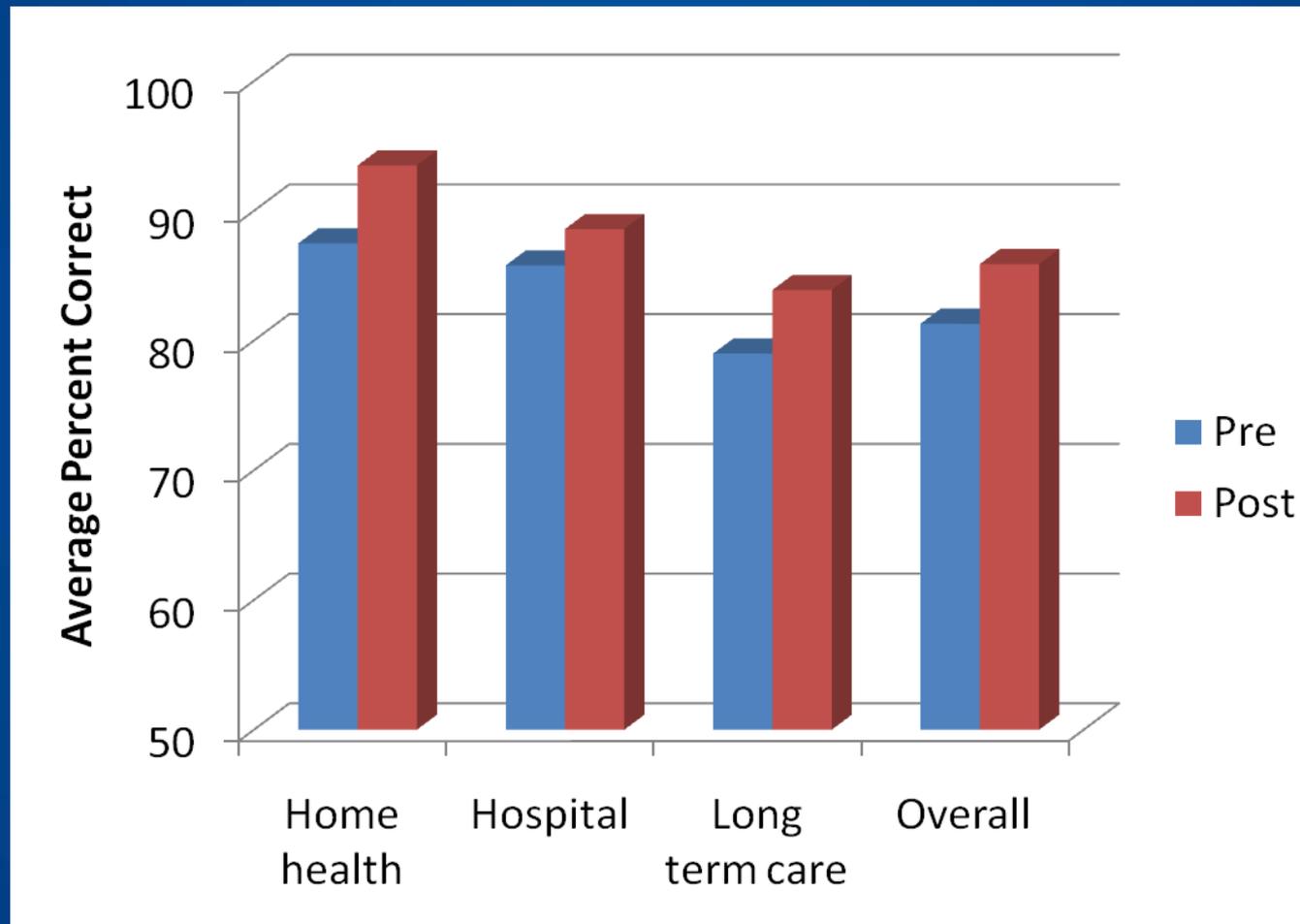
OUTCOMES
CONGRESS!!

Knowledge Questionnaire Summary

Setting	Number of facilities		Number of respondents		Average percent correct		% increase
	Pre	Post	Pre	Post	Pre	Post	
Home health	22	17	531	396	87.5	93.5	6%
Hospital	27	28	1140	899	85.8	88.6	2.8%
Long term care	69	56	3692	2878	79.0	83.9	4.9%
Overall	118	101	5693	4173	81.3	85.9	4.6%



Knowledge Questionnaire Summary



Knowledge Questionnaire Summary

Group	Setting	Number of facilities		Number of respondents		Average % correct		% increase
		Pre	Post	Pre	Post	Pre	Post	
Licensed health care providers	All	117	98	1882	1529	87.0	90.3	3.3%
Non-licensed direct care	All	114	94	1876	1458	80.2	84.8	4.6%
Administrative	All	84	55	292	146	82.6	86.9	4.3%
Non-direct care	All	75	68	915	687	72.0	80.3	8.3%



Knowledge Questionnaire Summary

Most Frequently Missed Questions on Pre Test	% Correct		% Increase
	Pre	Post	
Who should be actively involved in reduction of patient's pressure ulcer?	68.3	80.0	11.7%
Sites most susceptible to pressure ulcer development?	64.8	65.5	0.7%
How long does it take for a pressure ulcer to form?	60.9	81.6	20.7%
A daily bath or sponge bath will prevent pressure ulcers.	51.9	53.7	1.8%
Donut devices or ring cushions help prevent pressure ulcers.	36.7	54.5	17.8%
Massaging a bony prominence (area) promotes circulation and prevents pressure ulcers.	33.8	51.3	17.5%

Self Assessment Summary

Setting	Number of facilities		
	Pre	Post	Matched Pre and Post
Home health	13	16	7
Hospital	22	27	16
Long term care	86	48	44
Overall	121	91	67



Self Assessment Summary

Performs a comprehensive pressure ulcer risk assessment within first 24 hours of admission.

Response	Percent of facilities					
	Home Health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	42.8	71.4	75.0	93.7	77.3	90.9
Frequently	28.6	28.6	18.7	6.3	20.4	6.8
Seldom	28.6	0.0	0.0	0.0	0.0	0.0
Never	0.0	0.0	6.3	0.0	0.0	0.0
Missing	0.0	0.0	0.0	0.0	2.3	2.3



Self Assessment Summary

Performs a comprehensive pressure ulcer risk assessment during length of care.

Response	Percent of facilities					
	Home health*		Hospital**		Long term care***	
	Pre	Post	Pre	Post	Pre	Post
Always	14.3	57.1	43.8	87.5	75.0	86.4
Frequently	57.1	28.6	37.5	12.5	22.7	9.1
Seldom	14.3	14.3	0.0	0.0	0.0	2.3
Never	14.3	0.0	18.7	0.0	0.0	0.0
Missing	0.0	0.0	0.0	0.0	2.3	2.3

* routine intervals during length of care

** at least daily during hospital stay

*** prior to or at bedtime on day of admission



Self Assessment Summary

Implements designated interventions that correlate with identified risk factors after admission risk assessments are performed.

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	14.3	14.3	25.0	50.0	45.4	63.6
Frequently	42.9	57.1	43.7	37.5	43.2	36.4
Seldom	14.3	28.6	18.7	6.3	11.4	0.0
Never	28.5	0.0	12.5	6.3	0.0	0.0
Missing	0.0	0.0	0.0	0.0	0.0	0.0

Self Assessment Summary

Performs daily skin inspections by licensed staff and changes are addressed.

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	14.3	14.3	25.0	50.0	45.4	63.6
Frequently	42.9	57.1	43.7	37.5	43.2	36.4
Seldom	14.3	28.6	18.7	6.3	11.4	0.0
Never	28.5	0.0	12.5	6.3	0.0	0.0
Missing	0.0	0.0	0.0	0.0	0.0	0.0



Self Assessment Summary

Monitors risk factors on an ongoing basis as with a change of condition.

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	42.9	57.1	37.5	62.5	56.8	81.8
Frequently	57.1	28.6	43.8	37.5	15.9	13.6
Seldom	0.0	14.3	12.5	0.0	13.6	0.0
Never	0.0	0.0	6.3	0.0	9.1	0.0
Missing	0.0	0.0	0.0	0.0	4.5	4.5



Self Assessment Summary

Communicates results of both risk and routine skin assessments to appropriate staff.

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	14.3	28.6	12.5	37.5	27.3	70.4
Frequently	42.8	71.4	62.5	62.5	47.7	29.6
Seldom	42.8	0.0	25.0	0.0	22.7	0.0
Never	0.0	0.0	0.0	0.0	0.0	0.0
Missing	0.0	0.0	0.0	0.0	2.3	0.0



Self Assessment Summary

Follows written processes (policies and procedures)
for pressure ulcer prevention.

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	14.3	28.6	31.2	68.7	59.1	84.1
Frequently	14.3	42.8	50.0	25.0	25.0	15.9
Seldom	42.9	28.6	6.3	0.0	13.6	0.0
Never	28.5	0.0	12.5	0.0	0.0	0.0
Missing	0.0	0.0	0.0	6.3	2.3	0.0



Self Assessment Summary

Provides pressure ulcer prevention training as part of the orientation process.

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	28.6	71.4	68.7	100.0	34.1	72.7
Frequently	28.6	14.3	6.3	0.0	13.6	20.4
Seldom	14.3	0.0	6.3	0.0	38.6	6.8
Never	28.6	0.0	18.7	0.0	11.4	0.0
Missing	0.0	14.3	0.0	0.0	2.3	0.0



Self Assessment Summary

Provides pressure ulcer prevention training on an ongoing basis.

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	0.0	42.9	31.2	87.5	38.6	81.8
Frequently	14.3	57.1	31.2	12.5	29.5	13.6
Seldom	71.4	0.0	18.7	0.0	22.7	4.5
Never	14.3	0.0	12.5	0.0	9.1	0.0
Missing	0.0	0.0	6.3	0.0	0.0	0.0



Self Assessment Summary

Involves nurse aides in care planning.

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	0.0	42.9	18.7	37.5	13.6	40.9
Frequently	71.4	42.9	18.7	43.8	22.7	31.8
Seldom	14.3	14.3	50.0	12.5	38.6	20.4
Never	14.3	0.0	12.5	6.3	22.7	4.5
Missing	0.0	0.0	0.0	0.0	2.3	2.3



Self Assessment Summary

Involves patients in care planning.

Response	Percent of facilities			
	Home health		Hospital	
	Pre	Post	Pre	Post
Always	42.9	57.1	6.3	25.0
Frequently	57.1	42.9	62.5	75.0
Seldom	0.0	0.0	25.0	0.0
Never	0.0	0.0	6.3	0.0
Missing	0.0	0.0	0.0	0.0



Self Assessment Summary

Educates residents and families about pressure ulcer prevention and how they can help prevent pressure ulcers.

Response	Percent of facilities	
	Long term care	
	Pre	Post
Always	20.4	36.4
Frequently	15.9	52.3
Seldom	50.0	11.4
Never	13.6	0.0
Missing	0.0	0.0



Self Assessment Summary

Tracks patients with both nosocomial pressure ulcers and those admitted with pressure ulcers.

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Always	14.3	57.1	62.5	93.7	97.7	97.7
Frequently	0.0	28.6	31.2	6.3	2.3	2.3
Seldom	14.3	14.3	0.0	0.0	0.0	0.0
Never	71.4	0.0	6.3	0.0	0.0	0.0
Missing	0.0	0.0	0.0	0.0	0.0	0.0



Self Assessment Summary

Have at least one nurse who has specialized in wound care and management?

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Yes	71.4	57.1	87.5	100.0	70.4	84.1
No	28.6	42.9	12.5	0.0	29.6	13.6
Missing	0.0	0.0	0.0	0.0	0.0	2.3



Self Assessment Summary

Use a multi-disciplinary team approach to pressure ulcer prevention?

Response	Percent of facilities					
	Home health		Hospital		Long term care	
	Pre	Post	Pre	Post	Pre	Post
Yes	57.1	85.7	75.0	87.5	77.3	90.9
No	42.9	14.3	18.7	12.5	22.7	4.5
Missing	0.0	0.0	6.3	0.0	0.0	4.5



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