

# Care Redesign Bundled Payment Programs

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# Today I'll Touch on Care Redesign in Two Bundles...

- ❖ Total Hip Replacement
- ❖ Bariatric Surgery

Baystate Health (BH) – Sponsoring Entity

Baystate Medical Center – 653 Bed Acad Med Center

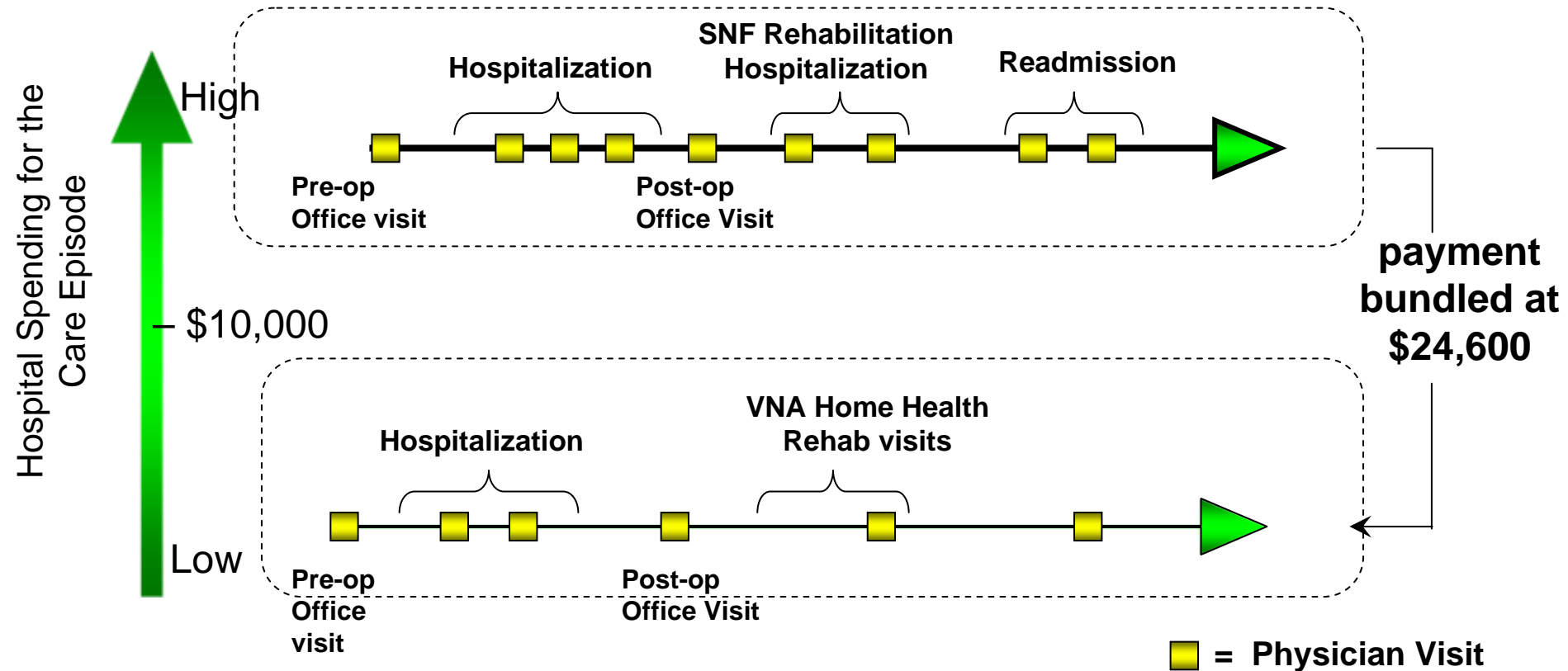
Health New England – BH Owned Health Plan

Employed and Independent Physician Groups

Visiting Nurse Assn

Physician-Hospital Organization

# Total Hip Replacement Before-After Bundle – Care Design



Shared savings Model: 45% Physicians

45% Hospital

10% Visiting Nurse

Baystate Health




# Total Hip Replacement

## Key Components of Care Redesign

- History & Physical includes:
  - └ Pre-hab visit=> safety and home screening
  - └ Education => going home on PM of POD 2 or AM of POD 3
- Pre-op class and screening:
  - └ Review of safety issues, exercises, precautions, what to expect, pain management options
  - └ Reinforcement => going home
- Case Managers arrange for Visiting Nurse:
  - └ Visiting Nurse protocol planned in conjunction with MDs and Health plan
  - └ If Hosp LOS 2 Days – 8 Nurse Visits; LOS 3 Days – 7 Nurse Visits  
If Nursing Home/Rehab – 6 days, then – 5 Nurse Visits

# Results: Initial 45 Patients CY 2011

	BMC Baseline	Target	Post Implementation
% Patients readmitted within 30 days	0.45	0	<b>0</b>
% Patients discharged to home	68	85	<b>90</b>
% Patients with any hospital acquired complication (UTI, HAPU, DVT, Post-op sepsis, complication of anesthesia, SSI)	0.5	0	<b>0</b>
<b>SCIP Measures</b> (% ACS – all or none)	97.8%	98.5	<b>100</b>
<b>Bundle Cost</b>	\$24,600	\$24,600	<b>\$23,726</b>
<b>Patient Experience</b> HCAHPS* “Overall Rating”	6.78	≥8	<b>8.70</b>
<b>ALOS</b>	3.38	2.75	<b>3.02</b>
<b>Mortality</b>	0		

# Bariatric Surgery

## Laparoscopic Band Procedure

- ❖ Wide variation in number of band adjustments (range 1-9 per pt)
- ❖ ?? Avoidable complications
- ❖ ?? Avoidable ED visits
- ❖ Inconsistent nutritional counseling after procedure



# Bariatric Surgery

## Laparoscopic Band Procedure

### Care Redesign

- ❖ Bariatric surgeons available 24/7 for patients
  - see them in office instead of ED for acute post op problems
- ❖ All patients receive postoperative nutritionist consultation
- ❖ Decrease goal # of band adjustments from 4.0 to 3.5 for 365 days postop

# Bariatric Surgery

## Laparoscopic Band Procedure

Launched January 1, 2013

Metric	Baseline Performance	Bundle Target	Bundle Actual
Unplanned Post Operative Hospital Service	18%	10%	
Length of Stay (Hours)	27	23	
SCIP Measures	100%	100%	
Band Adjustments	4.0/patient	3.5/patient	
Pt Experience	80%	85%	
Mortality	0	0	0