

# **Reducing Readmissions Through Care Transitions:** Barriers, Billing and Beyond

Andrea Backes, PharmD, BCACP Gloria Sachdev, BS Pharm, PharmD



# **Lessons Learned: Implementing Successful Transitions** of Care Programs

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# **Objectives**

- Define the Maryland all-payer model and its impact on Care Transitions programs
- · Describe 3 aspects that should be considered when designing a Care Transitions program
- Discuss opportunities for improvement in an established Care Transitions program

# Maryland All-Payer Model



- **Health Services Cost Review Commission** (HSCRC)
- Modernized model approved Jan 2014
  - Readmission rates are high compared to national rates
  - Estimated to save Medicare \$330 million over the next 5 years
  - Achieve quality improvements including reduction in 30-day RA rate
  - Population health management

# midyear **Frederick Memorial Hospital**

- · Frederick one of the fastest growing counties in Maryland
- Payment model = global budget revenue (GBR)
  - Incentivized to decrease expenses per patient
  - · Potentially avoidable utilization (PAU)
  - Preventable quality indicators (PQI)
- "Population Health"



# Lesson #1: "It Takes a Village..."

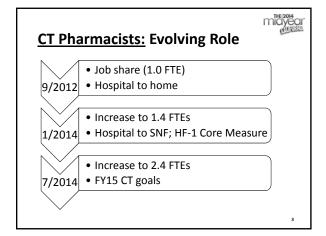
# Care Transitions (CT) Team

- RN Navigators (3.0)
- Pharmacists (2.4)
- Community SWs (2.0)
- · Behavioral health
- ED Social Workers (2.3) Coordinator (1.0)
- Nurse Practitioner



- Started July 2012
- Preventable readmissions are complex

CT Team: Roles & Responsibilities				
RN Navigator	Social Worker	Coordinator		
Identify high-risk pts	ED	Prioritize referrals		
<ul> <li>Assess needs</li> <li>Remove barriers to care</li> <li>Educate on disease states</li> </ul>	<ul><li>Care plans</li><li>Secure f/u care</li><li>SNF placement</li><li>Community</li></ul>	<ul> <li>Organize contacts</li> <li>Secure f/u care</li> <li>Schedule f/u appts</li> <li>Reminder calls</li> <li>Fax records</li> </ul>		
<ul> <li>Coach on self- management</li> <li>Find providers</li> <li>Communicate with providers</li> <li>F/u phone calls</li> </ul>	<ul> <li>Pt advocate (appointments)</li> <li>Assesses home</li> <li>SNF/LTC/AL placement</li> <li>F/u phone calls</li> </ul>	<ul> <li>TransIT app</li> <li>SafeLink app</li> <li>Med coupons</li> <li>Patient assistance applications</li> <li>F/u phone calls</li> </ul>		





# **FY15 Care Transitions Goals**

- 1. Achieve a 10% reduction in avoidable admissions for the 419 "high utilizers"
- 2. Achieve all-cause (intra-hospital) RA rate of 8.4%
- 3. Achieve all-cause (inter-facility) RA rate of 9.68%
- 4. Reduce diabetes readmissions by 15%
- 5. Reduce behavioral health readmissions by 20%

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# **CT Team:** Opportunities

- · Working at the top of our licenses
- Identifying the "highest-risk" patients
  - Shared accountability hospital-wide
- Seven day coverage by all CT disciplines
- Partnering with community organizations
  - · Home health care
  - · Primary care including PCMHs
  - Community Action Agency
  - WayStation

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# midyear

# **Lesson #2: Bedside Delivery is Essential**

- Primary medication non-adherence
  - Any prescription issued to a patient for which no medication is picked up
- Ambulatory care
  - 7% 24% of prescriptions
- Discharge from hospital
  - 27% of prescriptions within 7 days of discharge
  - Associated with increased 1-year mortality for post-acute myocardial infarction patients

Ekedahl et al. *Pharm World Sci.* 2004;26:26-31. Jackevicius et al. *Circulation*. 2008;117:1028-36 Fischer et al. *J Gen Intern Med*. 2010;25:284-90.

# **Bedside Delivery: Removing Barriers**



## Patient Perspective

- · Lack of transportation
- Difficulty affording medications
- Long wait times at the pharmacy

Kripalani S, et al. Mayo Clin Proc 2008:83:529-35.

## CT Perspective

- Access to medications
  - Is it in stock?
  - How common is it?
  - Controlled substances
  - · Prior authorizations
    - 24-72 hours
  - Non-formulary; preferred alternative?
- · Automatic order to CM
  - "Check insurance coverage" for high-cost medications

# **Bedside Delivery:** Evolving Program

- Monday to Friday (9 5:30 pm)
- · Daily bed huddles to identify discharges
- · Limited read-only access to EHR
- Expert in medication discounts
  - · Discount cards (www.goodrx.com)
  - · Patient assistance programs
- · Expanded to BHU, SDS, & Family Center
  - · Delivery of non-medications
  - "On-Call" for ED & ICU
  - · Rx for employees
- 48-hr follow-up phone calls
  - If issues, notify CM & CT team



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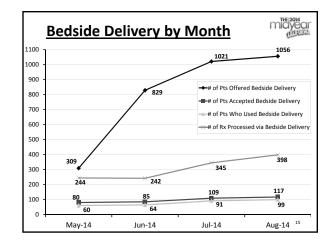
# **Bedside Delivery: Lessons Learned**

- Find the "right" person
  - · Communication skills
    - Patient
    - Bedside RN
    - · Case manager
    - Hospitalist
    - Care Transitions
  - Proactive
  - · Understands the purpose
- · Not a hospital employee

- Medication deliveries need to be reviewed
  - · Right patient
  - · Right medication
  - · Right medication dosing
  - · Completeness of order



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# **Bedside Delivery: Opportunities**



- · Offer weekend service
- Deliver medications to patients' homes
- Accept all insurances (ex: Amerigroup)
- Prioritize high-risk patients (ex: cath lab)
- Provide 24-hour supply of meds to pts transitioned to SNFs
- Partner with community pharmacists for shared accountability (ex: access to EHR)
- Follow-up with pts at 30 days for chronic meds that need refills

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# Lesson #3: Don't forget about SNF pts

- MedPAC 23.5% of all hospital discharges to SNFs were readmitted w/in 30 days in 2006
  - Total cost = \$4.34 billion/year
  - 78% of admissions potentially avoidable
- 22.1% of pts visited the ED or were readmitted within 30 days of discharge from SNF to home
- SNF value-based purchasing program is on the horizon

Mor et al. Health Aff 2010;29:57-64. Toles et al. J Am Geriatr Soc 2014;62:79-85. http://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/SNFPPS/Downloads/SNF-VBP-RTC.pdf

# **SNFs:** Evolving CT Program



### Pilot (Started Jan 2014)

- Citizens
- · Northampton Manor
- Vindobona

# Other Facilities

- Golden Living
- · Glade Valley
- College View
- St. Joseph's/St. Catherine's
- Buckinghams Choice
- Homewood

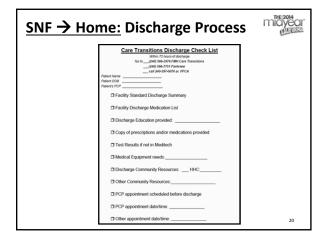
# <u>Criteria</u>

- NOT long-term care
- Identified as high-risk for readmission
  - High-utilizer
  - Concerns from CM and/or other providers
- Seen by CT RN for disease state education
- Seen by CT pharmacist for medication review

# midyear Hospital → SNF: Medication Reconciliation

- One study identified at least one medication discrepancy in 71.4% of SNF admissions
- · Discharge med rec is not mandatory at FMH
  - · Dictation of discharge summary unsigned
  - Meditech medication list not updated
- · Access to SNF medication lists within 48 hrs
  - Fax or obtain access to electronic records

Tjia et al. J Gen Intern Med 2009;24:630-5.



# <u>SNF</u> → <u>Home</u>: Medications



- · Variability in Rx that are given at discharge
  - All Rx provided
  - No CII Rx
  - No Rx at all
- · Variability in remaining medications given at discharge
  - None
  - · Bulk meds
  - All





# <u>SNF</u> → Home: Discharge Med Lists



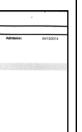
Sumex 2mg by mouth daily for CHF. (9am) Losartan 25mg by mouth daily. (9am) Celexa 40mg by mouth daily. (9am) am Chloride 40 meQ by mouth daily. (9am) Exalgo 8mg ER 1 tab by mouth daily for pain. (9am) Toprol XL 25mg by mouth daily for CHF. (9am) Advair Diskus 500-50mcg inhaler 1 puff twice daily. (9am, 9pm) Neurontin 300mg capsule – take 2 capsules by mouth twice daily at 9am and 2pm. (9am, 2pm) ntin 300mg capsule – take 3 capsules by mouth at bedtime. Crestor 40mg by mouth at bedtime. (9pm) Requip 0.5mg by mouth at bedtime for RLS. (9pm)

Coumadin 2mg at bedtime on Sunday, Tuesday, Thursday and Sati (9pm) Coumadin 2.5mg at bedtime on Monday, Wednesday and Friday. (9po Ventolin HFA inhaler 2 puffs every 6 hours as needed for wheezing

Zantac 150mg by mouth daily at bedtime. (9pm)

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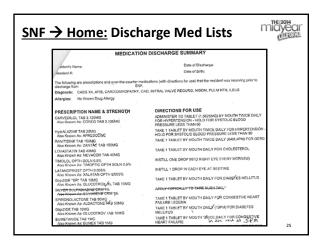
# <u>SNF</u> → Home: Discharge Med Lists



# SNF → Home: Discharge Med Lists



Select	Qty	Prescription Attached	Date Next Dose Due	Rx Number	Drug Name	Dispensed Qty	Strength
г	17	г	Γ	R40392144	LOPERAMIDE HCL 2MG CAPSULE 1 CAP BY NOUTH BEFORE MEALS FOR DIARRHEA	60	2MG
г	1/un		[	R40392148	CHOLESTYRAMINE 4GM POWDER ONE SCOOP (4GM) BY MOUTH 3 TIMES A DAY AT 7:30AM-11:00AM- 7:00PM FOR DIARRHEA	378	4GM
г	40	Г	<u>-</u>	R40392153	DIPHENOXYLATE W/ATROPINE 2.5025MG TABLET 2 TABS (SMG-0.05MG) BY MOUTH 3 TIMES A DAY	60	2.5025MG
г	벡			R40392158	MIDODRINE HCL SMG TABLET 1 TAB BY MOUTH (TID) WITH MEALS FOR HYPOTENSION	90	SMG
г	4	г		R40392159	OMEPRAZOLE 40MG CAPSULE DR 1 CAP BY MOUTH EVERY MORNING AT 7;30AM FOR GERD	30	40NG



# SNF → Home

- 100% of SNF pts were discharged home with more medications than upon their initial admission to hospital
- · Decipher discharge med list
- Variability of prescriptions and medications provided
- Drop off and pick up Rx at pharmacy and hope for no issues
- Figure out routine for med management
- · Medication education
- · Evaluate for home visit

Sinvani et al. J Am Med Dir Assoc 2013:14:668-72



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# Home-Based Medication Management

- · Mixed impact on readmissions
- · Pharmacist-RN team
- Dovetail Health
  - Pharmacist-led
  - Access to RN
- Johns Hopkins
  - · Access to social worker
- Timing matters
  - · # of days post-discharge
  - Prior to HHC & PCP

Triller et al. AJHP 2007;64:2244-9. Stewart et al. J Am Geriatr Soc 1998;46:174-80.



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Novak et al. Consult Pharm 2012;27:174-9. Pherson et al. AJHP 2014;71:1577-83.

# **Home Visits: Factors to Consider**



- · Lives alone and/or no social support
- Previous medication-related hospitalization
- Inadequate functional health literacy
- · Multiple medication changes at discharge
- Number of medications at discharge
- · Safety concerns at the home
- · Difficulty coming to FMH clinic
- · Utilization of home care services
- TIME (90 to 120 minutes per visit)

Pherson et al. AJHP 2014;71:1577-83.

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# SNF → Home: Patient Case



- Homebound; continuous 02
- · Transportation concerns
- · Minimal social support
- · Low functional health literacy
- Sees multiple providers (8)
- Takes > 20 medications
- · Weekly pillbox fills
- Ongoing medication education



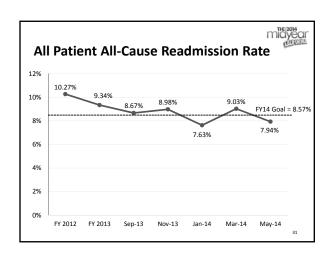
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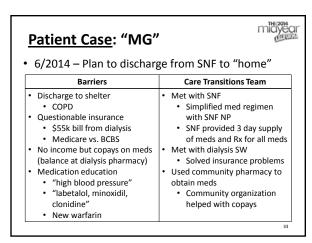
# **SNFs:** Opportunities

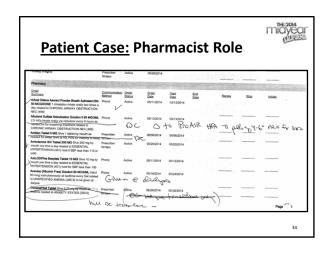


- Electronic discharge med rec for all SNF pts
- Collaborate with consultant pharmacists at SNFs
  - Hand-offs: hospital → SNF → home
  - Continued medication education
  - Investigate medication costs
- Timely notification of discharges from SNF to home
- Implementation of Bedside Delivery service at SNFs
  - Provision of remaining bulk meds
- · Creation of patient-friendly discharge medication lists

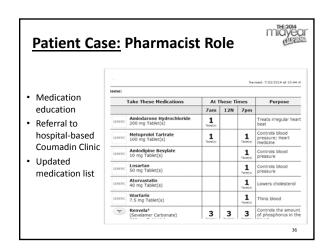


### MIGYEGI Patient Case: "MG" 60 yo AA male with ESRD (2/2 HTN) on IHD Hospitalizations Hospital → Discharge Disposition 9/16/13 - 9/18/14 FMH → home 12/23/13 - 12/24/14 FMH (chest pain) → transferred to JHH 12/14/14 - 1/8/14 JHH $\rightarrow$ SNF 1/13/14 - 1/22/14 St. Joseph Medical Center (afib) $\rightarrow$ ? 1/29/14 - ? JHH? $\mathsf{MedStar}\,\mathsf{Franklin}\,\mathsf{Square}\,\,\mathsf{Hospital}\,\mathsf{Center}\,\, \boldsymbol{\to}\, ?$ 2/8/14 - 2/11/14 3/10/14 - 3/11/14 FMH observation → home 4/4/14 - 4/13/14 FMH (shortness of breath) → SNF FMH (atrial fibrillation) → SNF 4/22/14 - 4/25/14 4/26/14 - 5/11/14 FMH (SOB) → SNF









Patient Ca	ase: Roles of CT team
Nurse Practitioner	Patient's "PCP" is nephrologist at dialysis Diagnosed humerus fracture, ordered X-ray, placed sling set up appt with Mid-Maryland Musculoskeletal Institute (MMI) for f/u Diagnosed ankle sprain and wrapped ankle Communicated plan of care with nephrologist and cardiologist Ordered medication refills when needed Fed patient so he would take his meds while at Bridge Clinic
Social Worker	Found a pro-bono lawyer to meet with patient     Helped patient apply for green card     Provided patient w/a phone charger



# Patient Case: MG's Long-Term Goals

- Keep him out of the emergency room
- Know his medications
  - Fill his own pillboxes
  - Take meds as prescribed
- Help him obtain green card (and citizenship?)
  - Find a job
    - Income
    - Housing
  - Find a purpose

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# Question #1

All of the following statements are true about Maryland EXCEPT:

- a. Only state with an all-payer model
- b. The Medicare readmission rates are similar to national Medicare readmission rates
- c. The HSCRC has set a 6.76% readmission reduction target for 2014

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# Question #2

A "Med to Bed Delivery" service addresses all of the following barriers EXCEPT:

- a. Inability to obtain non-formulary medication
- b. Long wait times at the pharmacy
- c. Discovering the need for a prior authorization
- d. Inability to read medication label
- e. Lack of transportation to pharmacy

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# Question #3

Opportunities for improving Transitions of Care from Skilled Nursing Facilities to home include:

- a. Collaborating with consultant pharmacists
- b. Creating a patient-friendly discharge med list
- c. Offering a "Med to Bed Delivery" service
- d. Communicating with PCPs at discharge
- e. All of the above

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# **Key Takeaways**



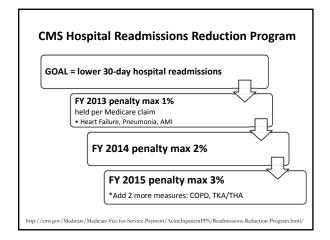
- Key Takeaway #1
  - Collaborate with other disciplines to form an effective Care Transitions team.
- Key Takeaway #2
  - Partner with a community pharmacy to offer a medication bedside delivery service.
- Key Takeaway #3
  - Create a standardized discharge checklist for patients transitioning from skilled nursing facilities to home.



# CPT for TOC, Easy as 1, 2, and 3

### Gloria Sachdev, BS Pharm, PharmD

Clinical Assistant Professor, Purdue University College of Pharmacy; Adjunct Assistant Professor, Indiana University School of Medicine; President and CEO, Sachdev Clinical Pharmacy, Inc. December 10, 2014

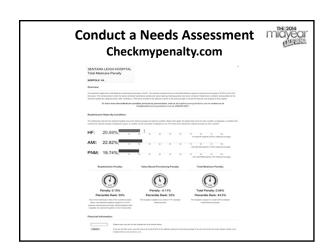


# CMS Hospital Readmission Reduction Program

2,610 hospitals will get penalties starting Oct. 1, 2014 to Sept. 30, 2015!

- 433 more hospitals penalized FY 2015 than 2014
- Avg. penalty 0.63% FY 2015 vs. 0.38% FY 2014
- 39 hospitals get 3% penalty
- 496 hospitals get 1.00-2.99%

In NJ, every hospital but 1 will loose money this year



# **Needs Assessment**



Terrific website which notes the 3 year (FY 2013, 2014, 2015) penalty trend for every hospital in US

- see link-link
- http://www.kaiserhealthnews.org/Stories/2014/October/02/Medicarereadmissions-penalties-2015.aspx

# **Transitional Care Management (TCM)**



New bundled payment billing codes for 30 days of service post hospital discharge

Implemented January 1, 2013

You may bill other CPT codes for medically necessary visits during this reporting period

# Billing for Transitional Care Management BEST Websites

- http://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/PhysicianFeeSched/Downloads/FAQ-TCMS.pdf
- http://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-
- MLN/MLNProducts/Downloads/Transitional-Care-Management-Services-Fact-Sheet-ICN908628.pdf
- http://www.aafp.org/dam/AAFP/documents/practice\_ma nagement/payment/TCM30day.pdf

### **Providers of TCM services**



# Physicians (any specialty)

The following non-physician practitioners (NPP) who are legally authorized and qualified to provide the services in the State in which they are furnished

- Certified nurse-midwives
- Clinical nurse specialists
- Nurse practitioners
- · Physician assistants

# TCM Services are Post Discharge from one of the Following



- Inpatient Acute Care Hospital
- Inpatient Psychiatric Hospital
- · Long Term Care Hospital
- · Skilled Nursing Facility
- · Inpatient Rehabilitation Facility
- Hospital outpatient observation or partial hospitalization
- Partial hospitalization at a Community Mental Health Center
- FQHCs and RHCs are NOT paid using TCM billing codes

# **Service Components to Bill TCM**



# 1. An interactive contact

- telephone, e-mail, or face-to-face within 2 business days
- Provided to patient and/or caregiver
- Attempts to communicate should continue after the first two attempts in the required 2 business days until they are successful.
- It does not count to leave a voicemail or send an e-mail without response from the beneficiary and/or caregiver

# **Service Components to Bill TCM**



# 2. Certain non-face-to-face services

- Must furnish non-face-to-face services to the beneficiary, unless physician or NPP determine that they are not medically indicated or needed
- May be furnished by licensed clinical staff under MD or NPP direction (meeting incident to guidelines).

### 3. A face-to-face visit

- Seen within 7 days for moderately complex
- Seen within 14 days for highly complex
- Medication reconciliation and management must be furnished no later than the date you furnish the face-to-face visit

# Transitional Care Management



2 of the 3 components must be met or exceeded

Type of Decision Making	# of possible Dx or Mgmt Options	Amt and/or complexity of DATA to be reviewed	Risk of sig complications morbidity, mortality
straightforward	min	min	min
low	limited	limited	low
moderate <	multiple	moderate	moderate
high 📛	extensive	extensive	high

# Which CPT code to Use



Type of Decision Making	Face-to-face within 7 days	Face-to-face within 14 days
Moderate	99495	99495
Complex		
High Complex	99496	99495

# 2014 TCM Payment



	CPT 99495 Hospital Outpatient Office	CPT 99495 Physician Office	CPT 99496 Hospital Outpatient Office	CPT 99496 Physician Office
Anaheim, CA	\$120.23	\$184.81	\$173.95	\$259.84
Rest of Maryland (except Baltimore/ Surr Cntys)	\$113.42	\$167.97	\$164.10	\$237.22
Indiana	\$107.19	\$155.74	\$155.06	\$220.13

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### Steps to look Up CMS Payment per CPT Code

Professional Fee reimbursement Rates (determined annually, varies per region):

- 1. www.cms.gov/apps/physician-feeschedule/search/search-criteria.aspx
- 2. Select "Accept"
- 3. Select PRICING INFORMATION, RANGE OF HCPCS CODES
- 4. Select SPECIFIC LOCALITY
- 5. Enter HCPC as "99211 99215" or any CPT code
- 6. Select modifier as "ALL MODIFIERS", and select carrier/MAC locality (example, "Indiana")

# What is the Pharmacist's Role in TCM



Within 2 business days post-hospitalization patient interactive contact

- Must follow incident to guidelines (except do not need to be face to face)
- Can be by email, phone, or face-to-face

Assist with on-site visit with MD or NPP

- Med Rec must be done at or before on-site visit
- Assess and support treatment regimen adherence and medication management

Assist with follow-up to optimize patient care during entire 30-day post hospitalization period

# Q/A: If the patient is readmitted in the 30-day period, can TCM still be reported?

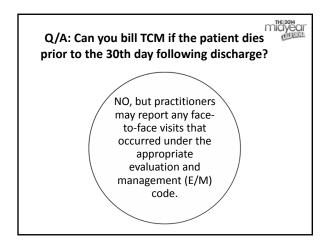
Yes, as long as the services described by the code are furnished by the practitioner during the 30-day period, including the time following the second discharge.

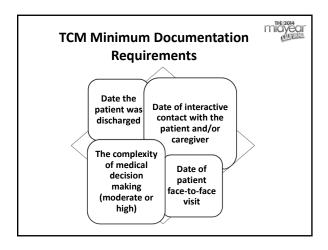
Alternatively, the practitioner can bill for TCM services following the second discharge for a full 30-day period as long as NO other provider bills the service for the first discharge.

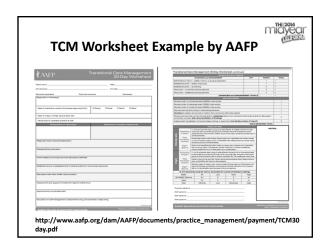
# Q/A: If more than one practitioner reports TCM services, how will Medicare determine which practitioner to pay?

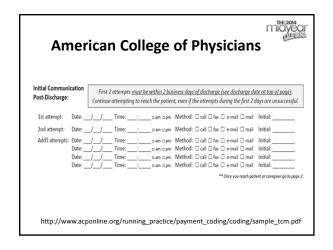
Medicare will only pay the first eligible claim submitted during the 30 day period that commences with the day of discharge.

Other practitioners may continue to report other reasonable and necessary services, including other E/M services, to beneficiaries during those 30 days.









American College of Physicians

First Face-to-Face Follow-up visit must be no longer than 14-days post-discharge to qualify for TCM.

Review progress notes in patient's record for information:

First face-to-face visit occurred on:

Date: \_\_\_\_\_\_\_ Time: \_\_\_\_\_\_ am \_ pm
Location of visit:

Number of galendage\* days since discharge: | 7 or frever | 8-14 | 15 or more

Medication reconciliation performed? | No | 1961 (flys, date: \_\_\_\_\_\_)

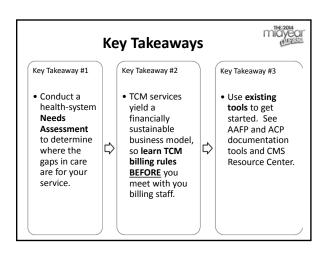
Level of medical decision-making: | High | Moderate | Low/Straightforward

Face-to-face visit performed by (provider name and orderetabl):

Progress notes signed by the treating provider for the above date of service? | Yes | No

\* Calendar days include weekends and holidays.

http://www.acponline.org/running\_practice/payment\_coding/coding/sample\_tcm.pdf



# References



- CMS Transition of Care Resources  $http://partnershipfor patients.cms.gov/p4p\_resources/tsp-preventable readmissions/tool preventable readmissions.html$
- ASHP-APhA Medication Management in Care Transitions Best Practices published Feb 2013 http://www.ashp.org/DocLibrary/Policy/Transitions-of-Care/ASHP-APhA-Report.pdf
- www.ashp.org/menu/News/PharmacyNews/NewsArticle.aspx ?id=3885
- www.ashp.org/DocLibrary/MemberCenter/SACP/Spotlight/May-09-2013.pdf



# **Poll Everywhere Question** Which statement describes you best?



- I currently have/practice in a Transitions of Care service.
- I currently do NOT have/practice in a Transitions of Care service, but WANT to.
- I currently do NOT have/practice in a Transitions of Care service, and though may have the opportunity, I have NO plans to.
- I have NO opportunity to have/practice in a Transitions of Care service.



For those who have/practice in a Transitions of Care Service, do you/you organization bill TCM codes for these services?



- A Yes
- <sup>₿</sup>No
- I do not know



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