WORKING DRAFT

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Tennessee Payment Reform Initiative

Provider Meeting

September 11, 2013

PRELIMINARY WORKING DRAFT, SUBJECT TO CHANGE

Agenda for September 11th Provider Coalition meeting

Activity	Time
Introductory remarks	13:00 – 13:10
Potential path forward on PCMH	13:10 – 13:45
■ Episode TAG updates	13:45 – 14:35
Key operational decisions on Provider Report design	14:35 – 14:50
Discussion and next steps	14:50 – 15:00

- Potential path forward on PCMH
- Episode TAG updates
- Key operational decisions on Provider Report design
- Discussion and next steps
- Appendix

Update on PCMH strategy

Current status

Payers are discussing the development of a multi-payer PCMH initiative. The purpose of multi-payer collaboration is to

- Accelerate the transition of care delivery to a system with improved coordination, access, and patient engagement
 - With transition support from multiple payers, providers will be better able to invest into PCMH
 - With access to payment streams from multiple payers, providers that participate will be more likely to succeed
- Lower total investment costs borne by payers (e.g., for provider training)
- Create opportunities to learn more about what "works" so that providers and payers can expand the program over time

Elements under consideration

- Joint statement of intent: Payers are developing a "charter" that describes their shared vision for population-based models
- Areas for alignment and differentiation:
 Payers are defining areas where they should adopt a standard approach in order to streamline provider experience
- Plans to build on existing programs:
 Payers are discussing how to expand their current programs to a broader range of providers
- Geographic rollout: Payers will select two MSAs in which to test a multi-payer effort on PCMH
- Plan for enrolling practices: Payers are considering a common process for enrolling practices in selected MSAs

FOR DISCUSSION

Payers can assess the appropriate degree of standardization for each component

of the PCMH care delivery and payment model

"Standardize approach"

Standardize approach (i.e., identical design) only when:

- Alignment is critical to provider success or significantly eases implementation for providers (e.g., due to lower administrative burden)
- Meaningful economies of scale exist
- Standardization does not diminish potential sources of competitive advantage among payers
- Standardization is lawful
- Standardization promotes the best interest of patients

"Align in principle"

Align in principle but allow for payer innovation consistent with those principles when:

- Payer alignment has benefits for the integrity of the program
- It benefits providers to understand where payers are moving in same direction
- Differences have modest impact on providers from an administrative standpoint
- Differences are necessary to account for legitimate differences among payers (e.g., varied customers, members, strategy, administrative systems)

"Differ by design"

Differ by design when:

- Required by laws or regulations
- An element of the model is substantially tied to competitive advantage
- There exists meaningful opportunity for innovation or experimentation

Economic

opportunity

Considerations to inform selection of markets for PCMH focus

Provider market structure

Payer coverage

Demographic factors

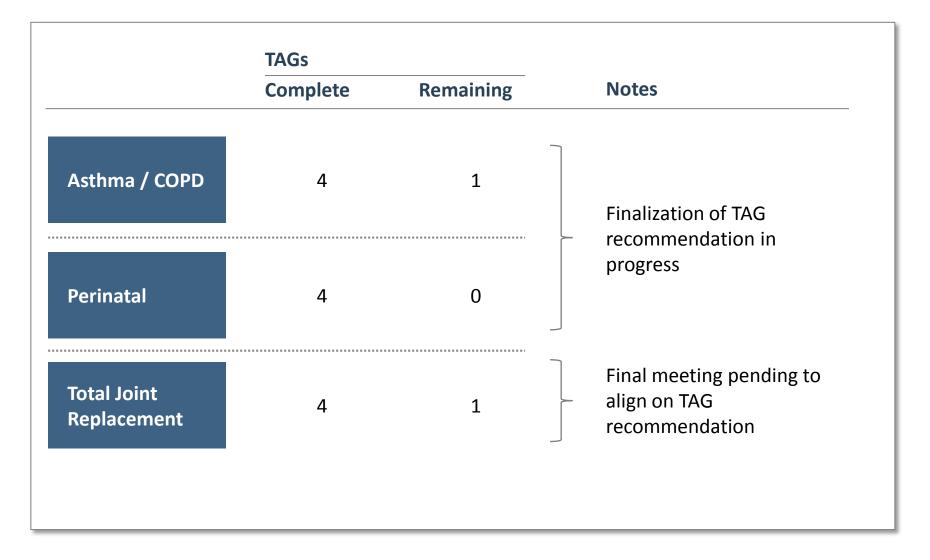
Environmental success factors

Criteria by MSA¹

- Total spend
- Variation in spend
- Network adequacy
- Provider fragmentation
- PCP attribution
- Presence of state-contracted payers
 - Market share of major payers
- Age distribution
- Risk stratification
- Presence of champions
- HIE
- Other considerations

- Potential path forward on PCMH
- Episode TAG updates
 - Status of TAG meetings
 - Asthma
 - Perinatal
 - Total Joint Replacement
- Key operational decisions on Provider Report design
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Status of TAG meetings

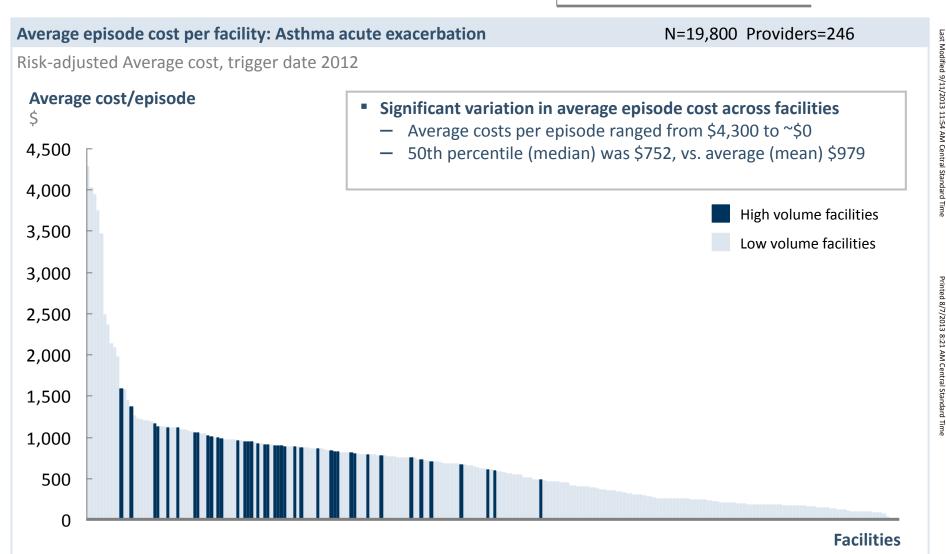


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PRELIMINARY: Risk-Adjusted average episode cost per facility

FURTHER QA NEEDED TO
VERIFY DATA ROBUSTNESS OF ALL
FACILITIES BELOW 25TH PERCENTILE
AND ABOVE 75TH PERCENTILE

PRELIMINARY



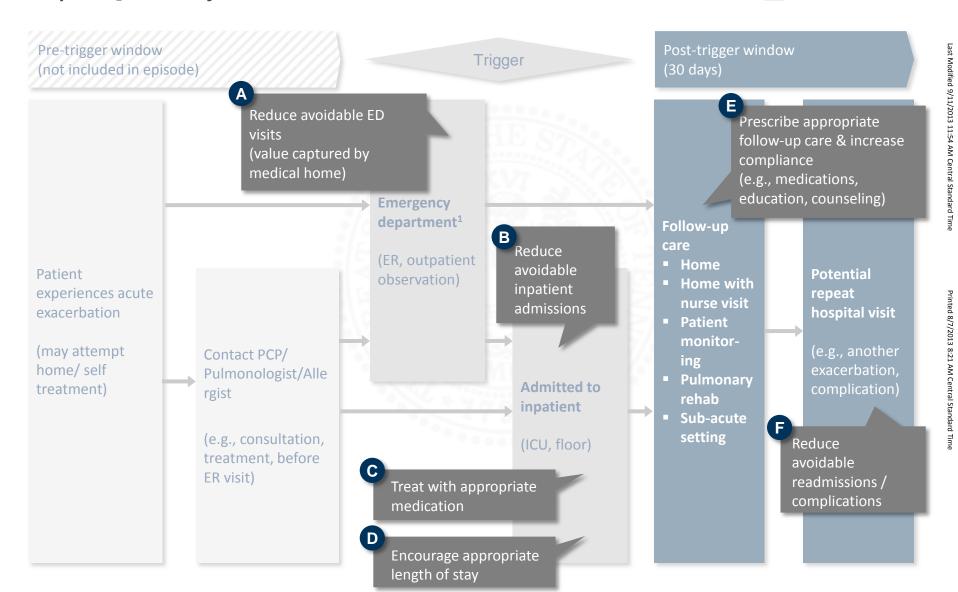
1 2 facilities (2 episodes total) with Avg cost > \$5,000 were removed for further analysis. No other exclusions applied.

Executive Summary: Major areas of focus in the Asthma Exacerbation TAG to date

- 1.
- Significant discussion around inclusions and exclusions
 - What codes should actually be used a trigger for an asthma exacerbation?
 - At what ages (if any) should patients be excluded?
- 2. Significant discussion around quality metrics
 - TAG recommended to keep all Arkansas quality metrics, with one small adjustment
 - TAG recommended the addition of five additional metrics to track
- **3. Some discussion around quarterback preference in transfer episodes**: when a patient is transferred from one facility to another, who should be the quarterback?

Asthma acute exacerbation Proposed_sources of value

Sources of value



1 May include urgent care facility

Episode definition and scope of services:

Diagnostic trigger ICD-9 codes within Asthma DRG groups

	Clear and likely trigger (obvious)
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	Unlikely	trigger	(much	more	severe	or i	oossible	exclu	ision)
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	Possible trigger (likely asthma exacerbation, but not 100% clear)
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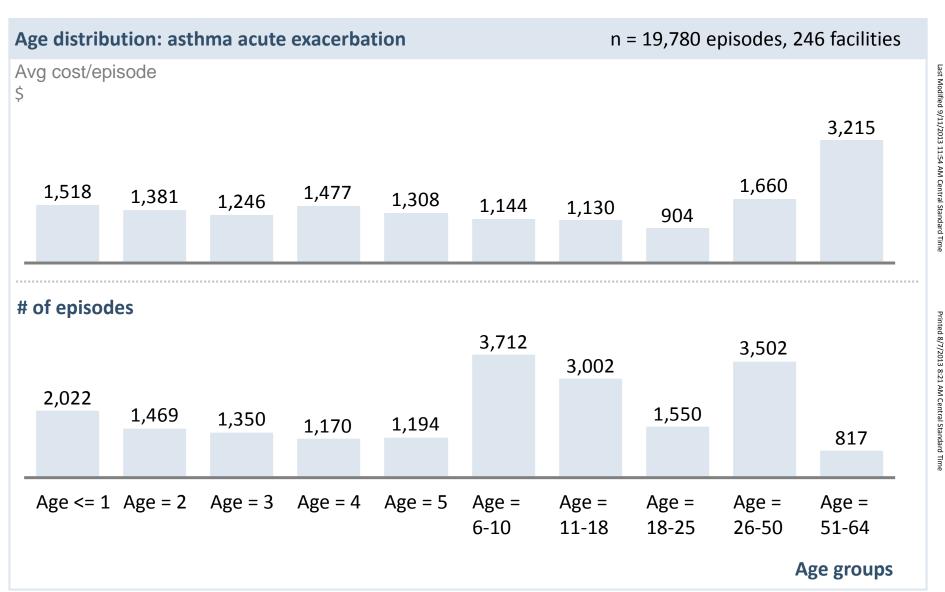
ICD-9 Dx	ICD-9 Dx Description	DRG code	Avg claim count per year
33.00	BORDETELLA PERTUSSIS	203	335
33.10	BORDETELLA PARAPERTUSSIS	203	44,591
33.80	WHOOPING COUGH NEC	203	135
33.90	WHOOPING COUGH NOS	203	0
464.10	AC TRACHEITIS NO OBSTRUC	203	473
464.11	AC TRACHEITIS W OBSTRUCT	203	10
466.00	ACUTE BRONCHITIS	203	0
466.11	ACU BRONCHOLITIS D/T RSV	203	12,920
466.19	ACU BRNCHLTS D/T OTH ORG	203	27,493
490.00	BRONCHITIS NOS	203	0
491.00	SIMPLE CHR BRONCHITIS	203	0
493.00	EXTRINSIC ASTHMA NOS	203	22,109
493.01	EXT ASTHMA W STATUS ASTH	203	2,171
493.02	EXT ASTHMA W(ACUTE) EXAC	203	4,535
493.10	INTRINSIC ASTHMA NOS	203	2,346
493.11	INT ASTHMA W STATUS ASTH	203	155
493.12	INT ASTHMA W (AC) EXAC	203	683
493.20	CHRON OBST ASTHMA, NOS	203	5,387
493.21	CHRON OBST ASTHMA STAT ASTH	203	516
493.22	CHRON OBST ASTHMA (ACUTE) EXAC	203	2,548
493.81	EXERCSE IND BRONCHOSPASM	203	465
493.82	COUGH VARIANT ASTHMA	203	1016
493.90	ASTHMA NOS	203	74,930

ICD-9 Dx	ICD-9 Dx Description	DRG code	Avg claim count per year
493.91	ASTHMA W STATUS ASTHMAT	203	5,749
493.92	ASTHMA NOS W (AC) EXAC	203	28,574
519.11	ACUTE BRONCHOSPASM	203	4,687
519.19	TRACHEA & BRONCH DIS NEC	203	1,746
327.22	HIGH ALTITUDE BREATHING	204	5
518.82	OTHER PULMONARY INSUFF	204	2,273
786.00	RESPIRATORY ABNORM NOS	204	1,494
786.01	HYPERVENTILATION	204	724
786.02	ORTHOPNEA	204	208
786.03	APNEA	204	3,127
786.04	CHEYNE-STOKES RESPIRATN	204	21
786.05	SHORTNESS OF BREATH	204	57,813
786.06	TACHYPNEA	204	1,129
786.07	WHEEZING	204	28,978
786.09	RESPIRATORY ABNORM NEC	204	43,358
786.10	STRIDOR	204	0
786.20	COUGH	204	0
786.30	HEMOPTYSIS	204	951
786.40	ABNORMAL SPUTUM	204	0
786.52	PAINFUL RESPIRATION	204	17,908
786.60	CHEST SWELLING/MASS/LUMP	204	0
786.70	ABNORMAL CHEST SOUNDS	204	0
786.80	HICCOUGH	204	0
786.90	RESP SYS/CHEST SYMP NEC	204	4,912
793.10	NONSP ABN FD-LUNG FIELD	204	0

Episode definition and scope of services:

Count and spend associated with potential triggers

Trigger 19,488 episodes triggered in 2012	Count of episodes Count	Total paid cost \$ K	Avg paid cost \$
Asthma, unspecified type, with (acute) exacerbation	10,846	13,465	1,241
Asthma, unspecified type, unspecified	4,927	4,525	918
Acute bronchospasm	1,173	995	849
Asthma, unspecified type, with status asthmaticus	1,018	3,313	3,255
Chronic obstructive asthma; with (acute) exacerbation	598	2,733	4,569
Wheezing	212	226	1,067
Extrinsic asthma with (acute) exacerbation	179	354	1,978
Extrinsic asthma, unspecified	167	171	1,025
Chronic obstructive asthma; unspecified	128	306	2,393
Cough variant asthma	110	72	651
Extrinsic asthma with status asthmaticus	56	254	4,529
Chronic obstructive asthma; with status asthmaticus	23	75	3,265
Exercise induced bronchospasm	21	11	503
Intrinsic asthma, unspecified	19	16	846
Intrinsic asthma with (acute) exacerbation	6	24	3,991
Intrinsic asthma with status asthmaticus	5	29	5,787



1 No exclusions. Age 65+ data not shown (20 episodes)

The TAG advises that several quality metrics be added to those used by Arkansas

TENNESSEE DRAFT

Quality Metrics

Arkansas quality metrics agreed upon by TAG

- Percent of episodes where patient visits a physician or mid-level provider in the outpatient setting within 30 days of initial discharge
- Percent of patients on appropriate medication determined by a filled prescription for oral corticosteroid and/or inhaled corticosteroids during episode window or within 30 days prior to trigger (excludes patients < 5 years old)
- Percent of patients with repeat acute exacerbation during episode window as measured by a re-encounter with the facility within 30 days or discharge

New quality metrics added by Tennessee TAG

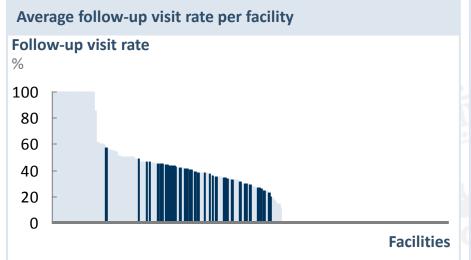
To be encouraged

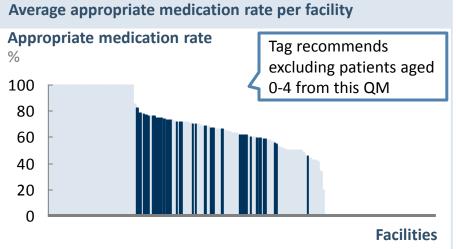
- Percent of cases where education on proper use of medication, trigger avoidance or asthma action plan was discussed
- Percent of cases where smoking cessation counseling for patient and/or family was offered (when appropriate)
- The addition of a controller if the patient has had two "episodes" in a 3 month time period.

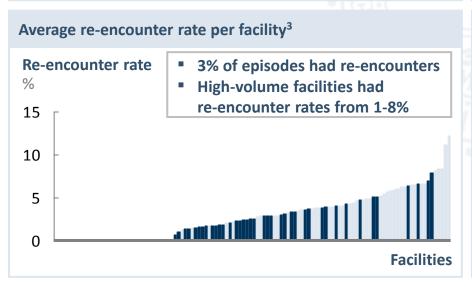
To be discouraged

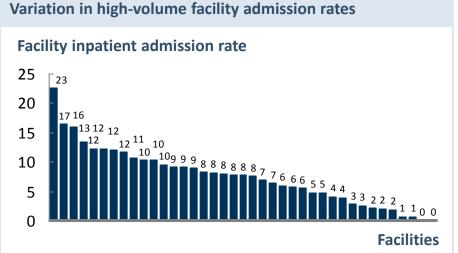
- The routine usage of higher cost Xopenex over Albuterol
- Any use of albuterol syrup

Variability in TennCare's Asthma quality metric data N=19,810 episodes; Providers=246









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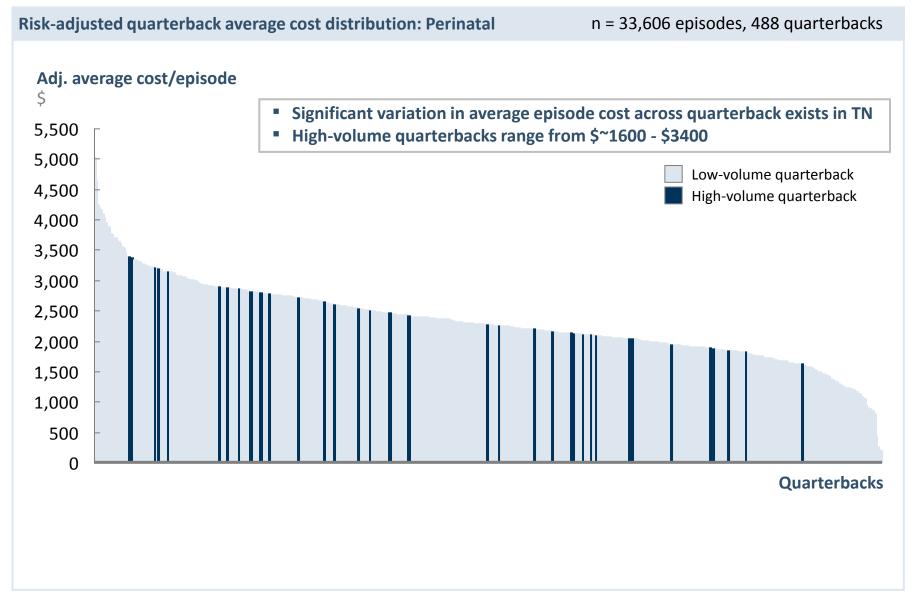
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¹ No exclusions applied.

² High-volume facilities had >=100 episodes in 2012

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PRELIMINARY: Average episode cost per quarterback



Executive Summary: Major areas of focus in the Perinatal TAG to date

1.

Significant discussion around quarterback choice

- Should the pre-natal care provider be evaluated separately from the delivering provider?
- If a payer chooses to make the delivering provider the quarterback, what rules should payers consider to account for cases in which prenatal care may have been performed by a different quarterback?
- 2.

Significant discussion around improving quality of care

- TAG recommended to keep all Arkansas quality metrics, but questioned the need for chlamydia screening
- TAG wants to add additional quality metrics to measure rate of Tdap vaccinations
- 3.
- TAG is focused on inclusion, and risk adjusting instead of excluding as much as possible

Perinatal: Sources of value

Pregnancy with no major clinical complications

Pregnancy with significant clinical complications

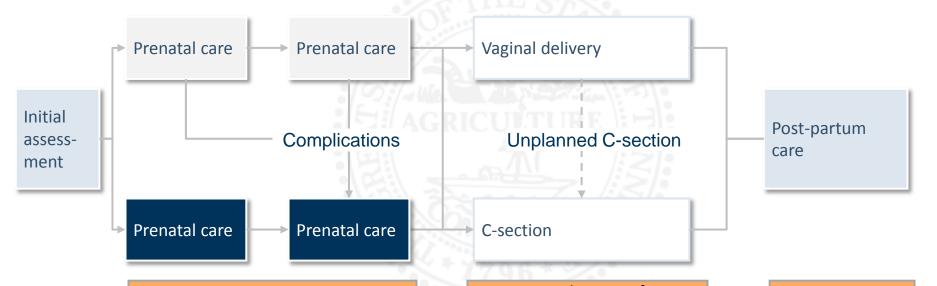
Sources of value

Early pregnancy (1st/2nd trimester)

Late pregnancy (3rd trimester)

Delivery

Postpartum care



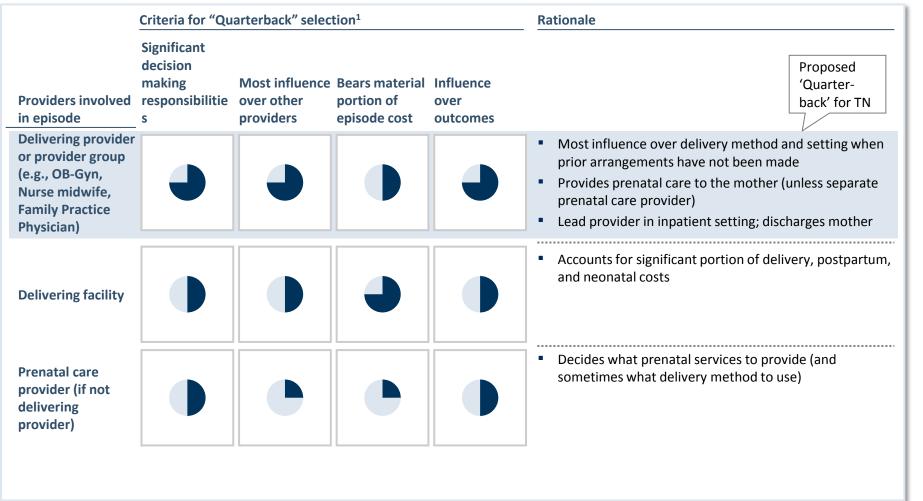
Sources of Value Appropriate and effective mix of prenatal care (e.g., screening for opioid usage, necessity of ultrasounds and testing, education on breast feeding and contraception)

- Decrease utilization of elective interventions (e.g. early elective inductions, C-sections)
- 3 Reduce readmissions
- 4 Ensure appropriate length of stay (tertiary in some cases)
- promotion of desired post-natal practices (e.g. long-term contraception, breast feeding)

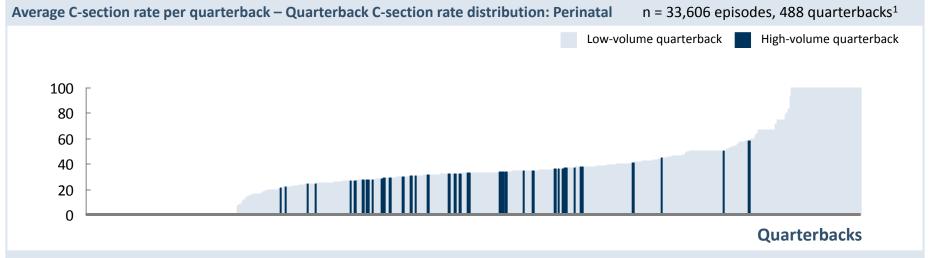
3. Quarterback selection – Perinatal:

Assessment of provider types used to determine most appropriate episode 'quarterback'



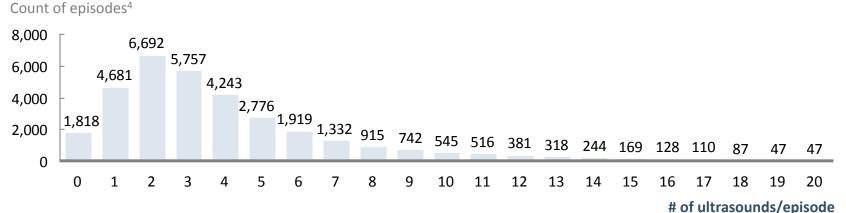


¹ Based on objective assessment of 'Quarterback' criteria; individual participating payers will need to make own assessment of which providers to designate as "Quarterback"





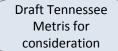
n = 33,467 episodes², 488 quarterbacks³



- 1 Excludes unknown providers (3914 episodes)
- 2 Excludes 139 episodes with over 20 ultrasounds an episode
- 3 No other exclusions applied (except unknown providers (3914 episodes) were removed)
- 4 Ultrasounds claims were counted if they were performed on different days

Count

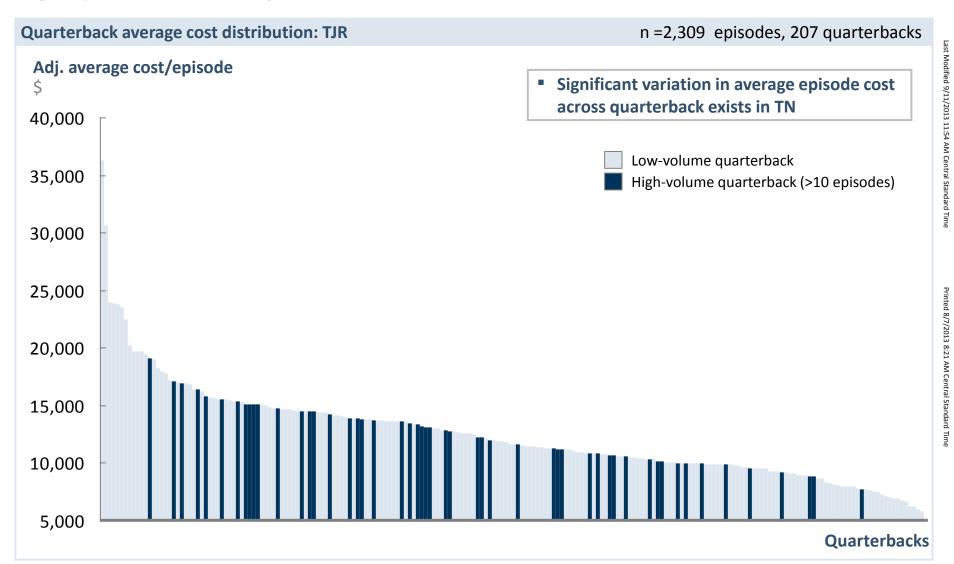
Quality metrics – Perinatal:



Quality metric	Objective
 HIV screening – must meet minimum threshold 	Increase
 Tdap vaccination – must meet minimum threshold 	Increase
 Group B strep screening – must meet minimum threshold 	Increase
 Screening for Gestational diabetes 	Increase
 Screening for Asymptomatic Bacteriuria 	Increase
 Hepatitis B specific antigen screening 	Increase
C-Section Rate	Decrease

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Original paid cost, non risk-adjusted data (\$)



Executive Summary: Major areas of focus in the TJR TAG to date



Inpatient facility costs raise a conversation around accountability in a total joint replacement episode, as well as quarterback considerations

- Over 60% of the costs are inpatient facility costs at the time of the procedure; average episode cost per physician outside of this inpatient facility costs ranges from \$3250 to \$6950¹
- In almost every market, there are multiple hospitals with varying inpatient facility costs
 Approximately two thirds of large volume TennCare providers perform procedures at more than one facility
- Approximately 20% of orthopedic surgeons in Tennessee are employed by hospitals, and that number is growing. In cases where surgeons are not employed by the facility, surgeons or their practices decide where to perform procedures
- Switching facilities or shifting volume amongst existing facilities raises operational considerations

2.

Certain aspects of a pre-procedure window require more discussion

- Interactions with other physicians in the pre-trigger window
- Referral choice in the pre-procedure window
- 3.

Several source of value exist under the DRG that require more discussion

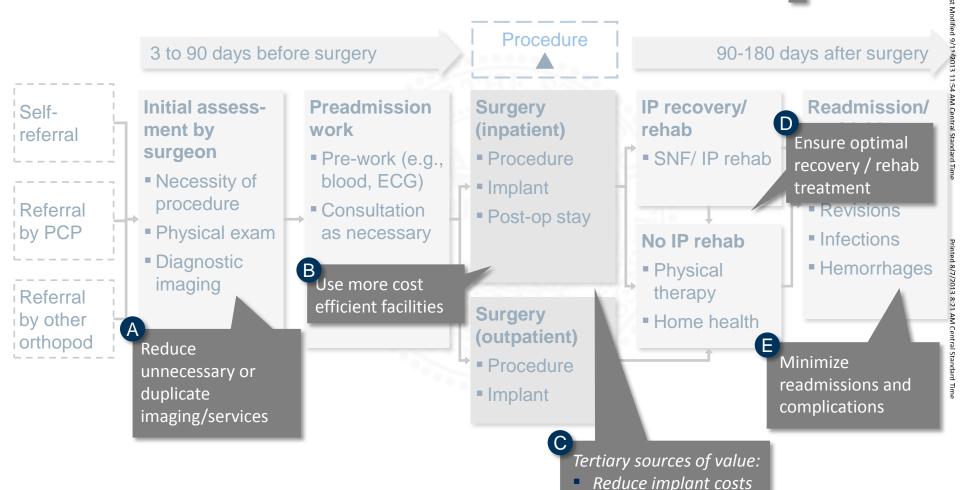
- Orthopedic surgeons have direct control over several source of value, but are concerned that they
 don't benefit from any value realized. These include:
 - the cost of the implant
 - the length of stay in the hospital
- The TAG members have asked that we explore how these potential sources of value could be realized within the payment reform initiative

1. Episode definition and scope of services – TJR (Hip & knee replacements):

Sources of value

Services included in the episode

Sources of value



Optimize inpatient

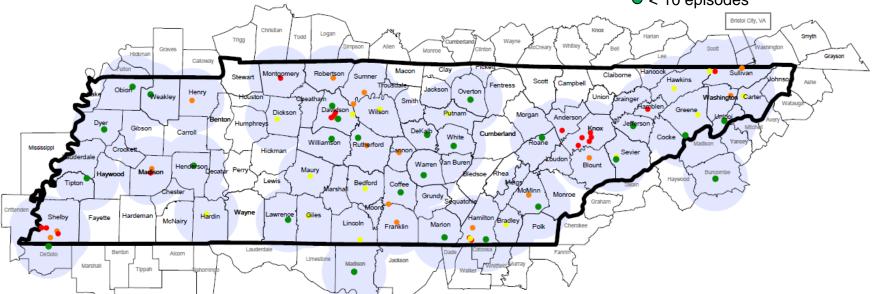
length of stay

Facility locations in Tennessee

>=50 episodes
 20-49 episodes
 10-19 episodes
 Area represented by a 20 mil radius around existing

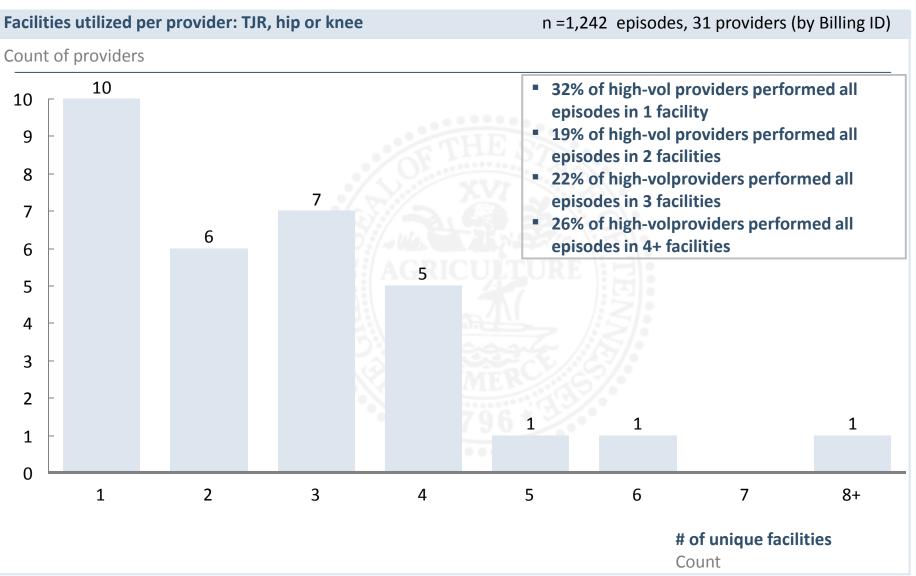
facilities

< 10 episodes</p>

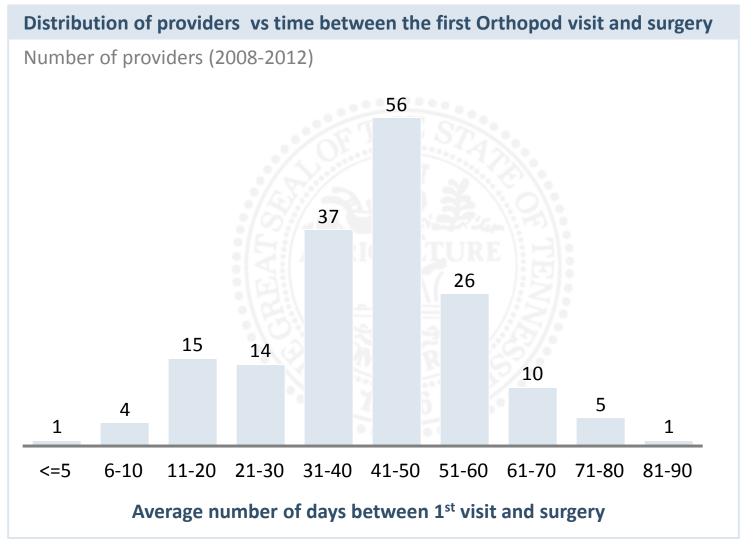


All facilities are within a 20 mile radius of at least one other facility

		Cumulative episode volume
Nashville	25.2%	25.2%
Knoxville	23.6%	48.7%
Memphis	14.4%	63.1%
Chattanooga	7.5%	70.6%
lackson	5.3%	75.9%
Iohnson City	5.9%	81.8%
Other	18.2%	100.0%



PRELIMINARY: Distribution of providers vs time between the first Orthopedic PRELIMINARY surgeon visit and surgery



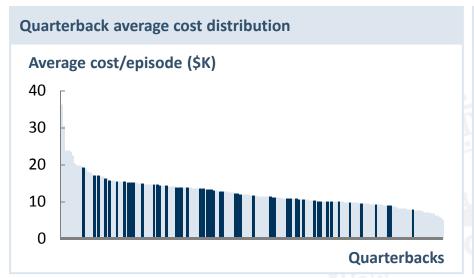
¹ Unknown providers (no professional claim) (544 episodes, \$5,648,374) were removed

^{2 36} providers without a recorded visit in the performance period (43episodes, \$358,826)

PRELIMINARY

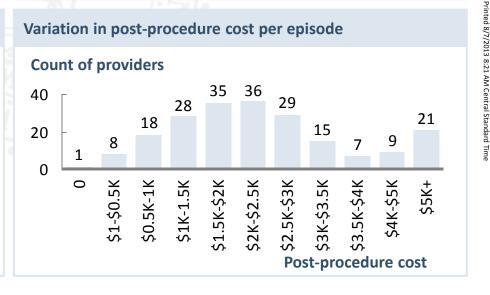
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n =2,309 episodes, 207 quarterbacks





Variation in pre-procedure cost per episode **Count of providers** 40 32 33 32 19 17 16 20 13 3 4 0 \$1-100 \$101-200 \$0 \$1K+ \$301-400 \$401-500 \$501-600 \$601-700 \$801-900 \$901-\$1K \$201-300 \$701-800 Pre-procedure cost



Capturing value under the DRG – for discussion

- Price transparency: State intervenes to create greater transparency of implant prices
- Preferred implant reporting tied to payment: Facility reports on episode-by-episode use of "preferred implant". Use tied to quarterback payment (e.g., through adjustment to average cost)
- Fundamentals drive DRG value: No payment methodology changes. Surgeons selecting costeffective implants drives DRG value over time, all leading to better episode cost performance for orthopedic surgeons

Larger
Change

TAG member? "Can we just give the orthopedic surgeon the bundle"?

- Implant cost carve-out:
 Carve out medical
 device cost from DRG,
 to give surgeons
 greater opportunity to
 gain from choosing
 cost-effective implants
- Preferred implant reporting: Facility reports on episode-by-episode use of "preferred implant".
 Use not tied to quarterback payment

Smaller Change

Considerations

- A Requires minimal change. Episode construct as described will reduce DRG price over time
- B Requires hospital reporting. Increase transparency on implant but no tie to payment
- Requires hospital reporting.
 Increased transparency on implant tied to payment
- Could require large amount of administrative changes.
 Directly tie implant choice to physician
- Could require state / legal / legislative action

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Provider report: Key operational aspects to consider

Current working hypothesis
Still requiring payer finalization

FOR DISCUSSION

		į	FOR DISCUSSION
Operational aspect	Questions to answer	I I Arkansas model	Considerations
Length of performance period	What should be the length of the performance period? How would this be related to reporting frequency?	Annual performance period	 Shorter performance period allows for more frequent payments Longer performance period includes more data for low volume episodes/providers
2 Frequency of reports	How often should providers receive reports?	Quarterly report generation	 Interim reports¹ allow providers to track performance btwn payments Overly frequent reports may cause numbing effect or be overlooked
Timeliness of data	How recent a time period should payors report on? How quickly can payors generate reports from claims data?	3 month claims run-out	 A run-out period allows for claims data to come in, payments to be calculated, and reports generated Providers more likely to remember recent data
Date range of historical data in each report	How much historical data should be shown (e.g., data even prior to the current performance period)?	1 12 mo. 1 (prior 4 quarters, 1 ending just 1 before claims 1 run-out)	 Historical data may put into context performance data from a shorter period Historical data increases the size and complexity of each report
Syncing across payors	Should start and end dates of periods align across payors?	Synced across payors L	 Standardized dates create consistency for payors Payors may have preexisting dates

¹ If the reporting frequency is less than the length of the performance period, providers would receive interim reports. Interim reports would show performance in between reports that calculate payments.

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Preliminary agenda

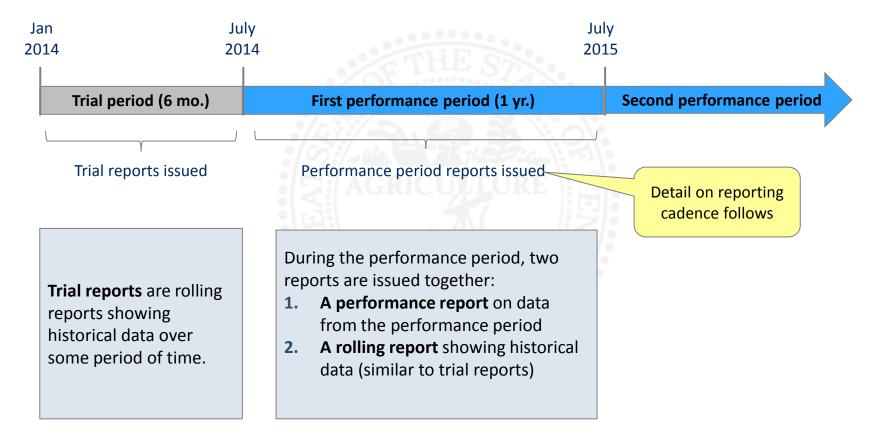
- Discuss PCMH charter & market
- Discuss final episode designs & areas where payers choose to align
- Discuss episode level design decisions
- Review latest timeline
- Discussion and next steps

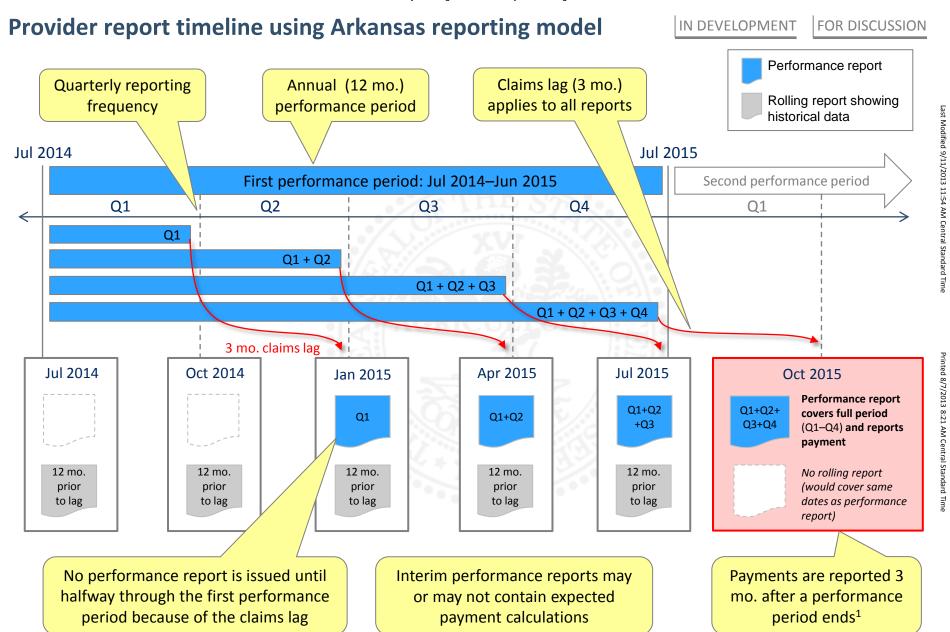
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Trial period and performance period using Arkansas reporting model

A period of trial reporting acclimates providers to upcoming performance reports

FOR DISCUSSION





¹ Payments are reported after a complete performance period ends, plus any time in claims lag. For an annual performance period and 3 mo. claims lag, payments would be calculated 15 mo. after the start of the first performance period and every year thereafter.