



maryland
health services
cost review commission

The Episode Quality Improvement Program

Value-Based Medicare Incentive Payment Opportunity for Maryland Physicians

June 15th, 2021

Introductions

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Agenda for Today

1. Overview of Maryland's Episode Quality Improvement Program
2. Participation in Performance Year One (PY1), 2022
3. EQIP's Policy and Methodology
4. Next Step and Contacts

The Purpose of Episode Quality Improvement Program (EQIP)

Under the Total Cost of Care Model, **Maryland's healthcare system has focused on reducing costs and improving quality of care** for Marylanders who receive care in both hospital and non-hospital settings.



Maryland **physicians largely remain on fee-for-service** reimbursement incentives and, as a result of the TCOC Model, are left out of national, **Medicare** value-based payment programs.

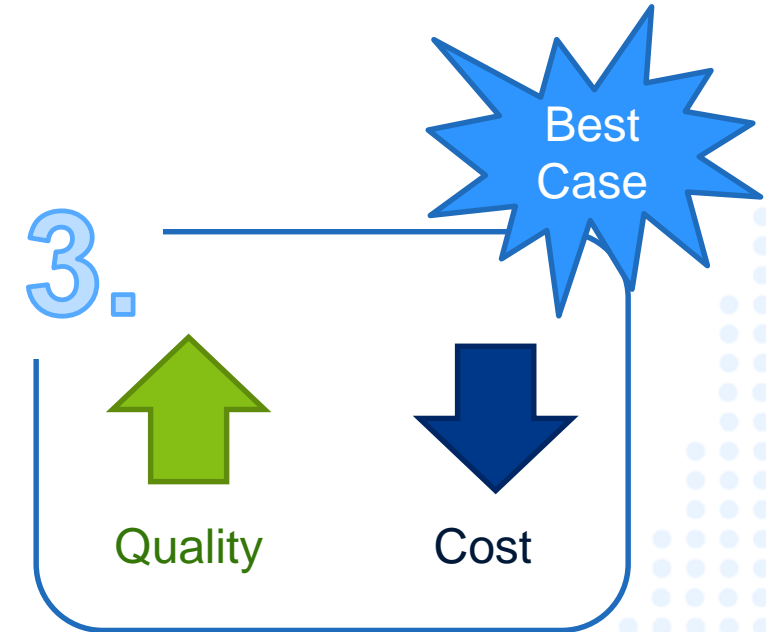


Therefore, it is imperative that the State **creates new value-based reimbursement opportunities to ensure cost containment and high quality in non-hospital settings.**



Moving Healthcare to Value-Based Payment

- There are three outcomes that drive better 'value' than traditional fee-for-service payment



The Episode Quality Improvement Program – EQIP

- The HSCRC plans to start a voluntary, episodic incentive payment program for specialist physicians in Medicare, EQIP, in 2022.

Physician ownership
of performance

Upside-only risk with
dissavings
accountability

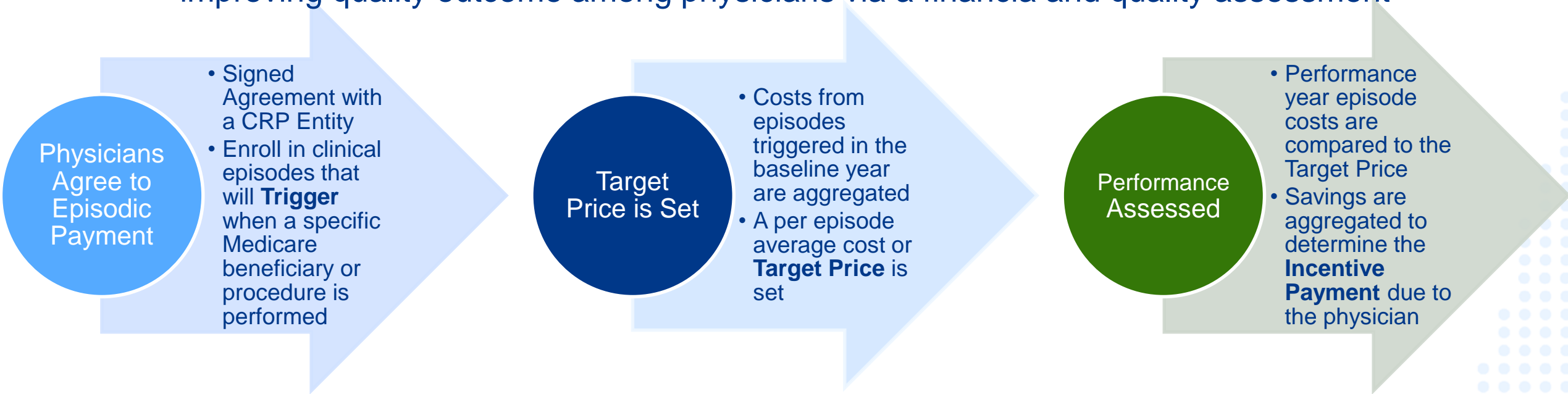
Alignment with
CareFirst's episode
payment program

AAPM/value-based
payment participation
opportunities for MD
physicians

- EQIP will utilize the Prometheus Episode Grouper approach. The first performance year will include episodes in the following specialty areas:
 - Gastroenterology and General Surgery
 - Orthopedics and Neurosurgery
 - Cardiology

Episodic Value-Based Payment

- Bundled-payment programs are effective at controlling episodic care costs and improving quality outcome among physicians via a financial and quality assessment



- Analyses of CMS bundled-payment programs have shown 4-6 percent reductions in gross Medicare spending

Multi-Payer Demonstration with CareFirst

- The HSCRC and CareFirst have aligned episode program definitions so that the Episodes of Care (EOC) Program and EQIP can provide parallel incentives to participating physicians.
 - **Prometheus Episode Definitions** will be utilized in both programs
 - Incentive Payment and other **policy decisions will remain separate** where appropriate
 - Opportunity for **rewards across both Medicare and CareFirst** increases program outcomes
- The HSCRC will encourage other payers to start programs similar to EQIP in Maryland



EQIP Participation Performance Year One (PY1), 2022

EQIP Roles – Definitions and Responsibilities



“Care Partner” (a specialty physician)

- **Triggers episodes** and **performs EQIP care interventions**
- Signs a **Care Partner Arrangement** with the CRP Entity
- Receives normal fee-schedule payments from Medicare and a **potential “Incentive Payment” with the EQIP Entity**
- Eligible to achieve **Quality Payment Program Status** and bonuses



“EQIP Entity”

- Consists of an **individual Care Partner** or **multiple Care Partners**
- **Performance evaluation** occurs at the EQIP entity level
- Receives **Incentive Payments**



“CRP Entity”

- Signs a **Care Partner Arrangement** with all Care Partners
- **Pays incentive payments** or savings to EQIP entities



HSCRC and CRISP

- Will calculate episodes, monitor performance and **determine Incentive Payments**
- Maintains reporting and monitoring requirements per the Participation Agreement and to **support CRP Entity**
- Will facilitate **EQIP Entity and Care Partner Enrollment, Reporting and Learning Systems**

Administrative Proxies (*)

EQIP Entities can delegate management of their program administration. This contractual arrangement, if any, will be determined between Administrative Proxy and Participant outside of Care Partner Arrangements.

Participation Requirements



Qualify as a Care Partner with CMS

- Must be licensed and enrolled in the **Medicare** Provider Enrollment, Chain, and Ownership System (**PECOS**)
- Must use **CEHRT and CRISP**, Maryland's health information exchange



Enroll in EQIP

- Establish **EQIP Entity** with **multiple Care Partners**
- **Select Episodes and Interventions** and agree to quality metrics*
- Each Care Partner Signs a **Care Partner Arrangement**
- Determine **Payment Remission Recipient***



Meet Episode Thresholds

- Provide care in **Maryland**
- For a **single episode, threshold = 11** episodes in the baseline
- Across **all episodes of participation, threshold = 50** episodes in the baseline

**All Care Partners in an EQIP Entity will share the same episodes, quality metrics and payment recipient.*

EQIP Interventions and Performance Improvement Opportunities

In addition to electing episodes, each EQIP Entity will need to indicate how they intend to produce savings in their episodes.

Intervention Category	Example Intervention
Clinical Care Redesign and Quality Improvement	Standardized, evidence-based protocols are implemented, for example for discharge planning and follow-up care.
	Performance of medication reconciliation.
	Elimination of duplicative, potentially avoidable complications or low value services
Beneficiary/Caregiver Engagement	Patient education/shared decision making is provided pre-admission and addresses post-discharge options.
	Implementation of "health literacy" practices for patient/family education
Care Coordination and Care Transitions	Assignment of a care manager and enhanced coordination to follow patient across care settings
	Interdisciplinary team meetings address patients' needs and progress.
	Selection of most cost efficient, high-quality settings of care

EQIP's CRP Entity is The University of Maryland Medical Center

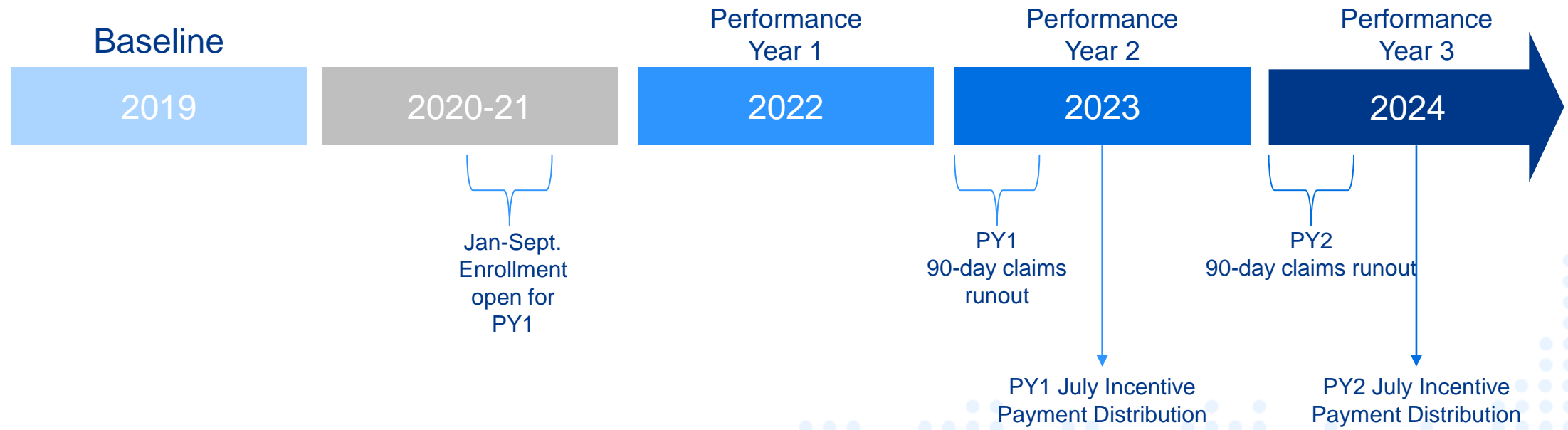
- The State has partnered with UMMC to enable EQIP as an Advanced Alternative Payment Model with CMS
- Any qualifying physician in Maryland will be allowed to participate in EQIP, regardless of previous contracting, relationship and/or privileges at UMMC
- UMMC's main roles will be:
 1. Signing an individual Care Partner Arrangement with each participating Care Partner in the EQIP Entity, and,
 2. Printing checks for earned Incentive Payments to the EQIP Entity.
- The HSCRC and CRISP will facilitate interactions between UMMC and Care Partners/EQIP Entities
 - Policy decisions and operations support will remain transparent and set at the State level
 - Any changes to the policy will be made at the CRP Committee and EQIP stakeholder level

CRP Entity Operations

- The CRP Entity will receive a list of:
 - Care Partners contacts who have been submitted for CMS vetting, used to generate Care Partner Arrangements (9/1-12/1/21),
 - EQIP Entities who elect participation in EQIP for PY1 and their Payment Remission Recipient, used to generate Care Partner Arrangements (9/1-12/1/21),and,
 - A final Incentive Payment list for EQIP Entity Payment (7/1/23).
- The CRP Entity will not have:
 - Protected Health Information
 - Access to EQIP Entity or Care Partner performance analytics
- All program data, inquiries and policy procedure will be managed by the State (HSCRC and CRISP), including CRP Entity operations.

Participation Timeline

- EQIP will have an annual opportunity to enroll in EQIP. The enrollment period will open **July through September** of each year prior to the performance year.
- The policy may be updated and participation opportunities increased year to year through HSCRC's stakeholder engagement process



HSCRC Staff Proposed Episodes for PY1, Episode Type, Length

Cardiology	Gastroenterology and General Surgery	Orthopedics and Neurosurgery
Pacemaker / Defibrillator – Procedure, 30	Colonoscopy – Procedure, 14	Hip Replacement & Hip Revision – Procedure, 90
Acute Myocardial Infarction – Acute, 30	Colorectal Resection – Procedure, 90	Hip/Pelvic Fracture – Acute, 30
CABG &/or Valve Procedures – Procedure, 90	Gall Bladder Surgery – Procedure, 90	Knee Arthroscopy – Procedure, 90
Coronary Angioplasty – Procedure, 90	Upper GI Endoscopy – Procedure, 14	Knee Replacement & Knee Revision – Procedure, 90
		Lumbar Laminectomy – Procedure, 90
		Lumbar Spine Fusion – Procedure, 180
		Shoulder Replacement – Procedure, 90

EQIP Policy and Methodology

EQIP Policy: Where is each methodology determined?

Prometheus Episode Definition

- Episode Definitions and Triggers
- Relevant Cost Methodology

HSCRC/CMS Policy

- Target Price Methodology
- Shared Savings/Incentive Payment Methodology
- Quality Measures
- Reporting and Monitoring (via CRISP)
- Participation Specialty Areas
- CMS Policy (including QP status)

PROMETHEUS Episode of Care Overview



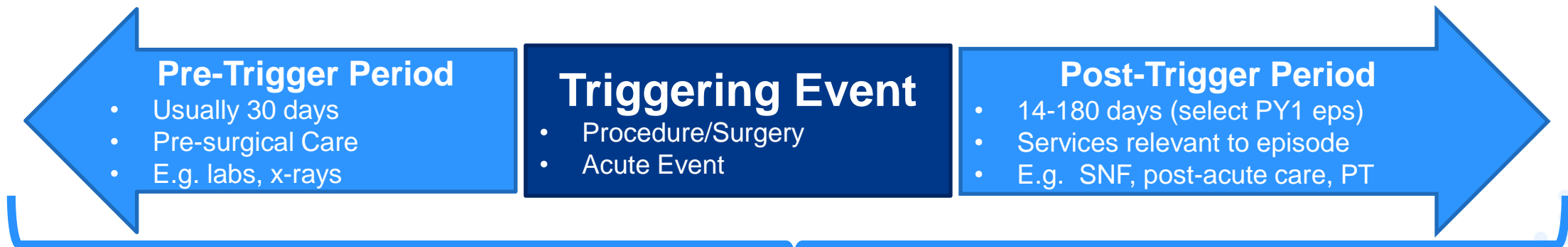
Iterative development since 2006, maintained by HCI3/Altarum and recently acquired by Change Healthcare



Promotes coordination and collaboration **across the continuum of care at the specialist level**

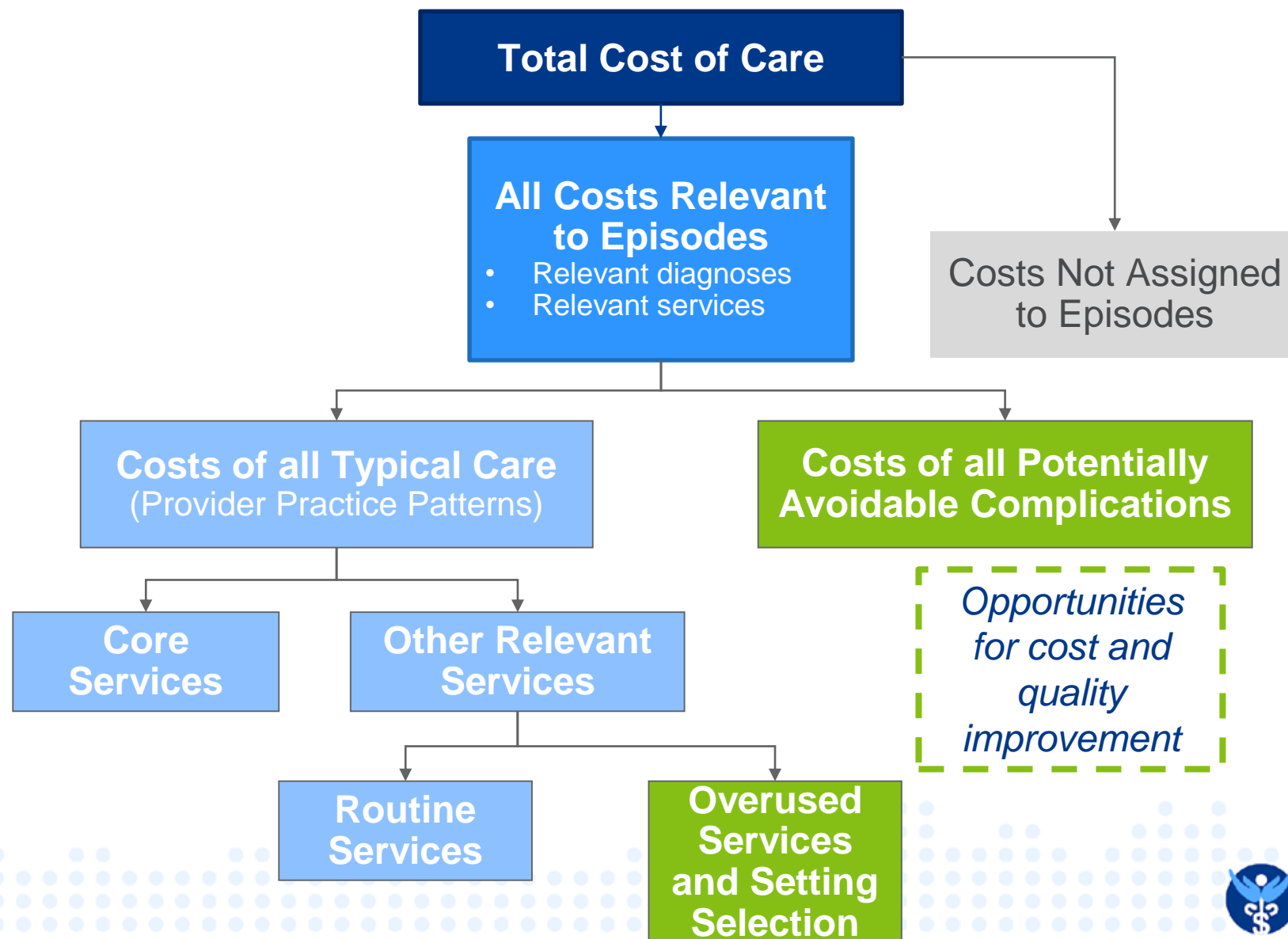


97 episodes grouped into clinically relevant areas: **Procedural, Acute**, Chronic and Other



Relevant Episode Costs

PROMETHEUS Relevant Cost Analysis



Target Price Methodology

- 2019 will serve as a **Baseline** for the first three performance years for EQIP Entities joining in Y1
 - Each EQIP Entity will have their own **unique Target Price** per episode
 - The baseline will be trended forward in order to compare to current performance costs
 - Target Prices are not final until the end of the Performance Year as final inflation will need to be applied
 - The baseline for entities that join in subsequent performance years will be the year prior to them joining
- Each episode will have a **singular Target Price**, regardless of the setting of care (Hospital, Outpatient Facility, ASC)
 - The price gap between ASC and Hospital is significantly larger under the Medicare fee schedule than under commercial, particularly in Maryland where hospital rates are regulated.
 - This will **create incentive to shift lower acuity procedures** to lower cost settings, aligning with GBR incentives.

Incentive Payment Methodology

Incentive Payments will be direct checks made from the CRP Entity to the EQIP Entity for aggregate positive performance after a minimum savings threshold, shared savings split, and quality adjustment are applied.

1. Performance Period Results

- The Performance Period Episode costs are less than the Target Price in the aggregate across all episodes in which the EQIP Entity participates.
- At least three percent of savings are achieved (stat. significant)
- Dissavings from prior year (if any) are offset

2. Shared Savings

- Each Care Partner's Target Price** will be compared to the statewide experience and annually ranked based on relative efficiency. Lower cost providers will be in a higher tier and vice versa.
- The Shared Savings split with Medicare will be based on the Care Partner's Target Price rank

Target Price Rank	% of Savings to due EQIP Entity
Up to 33 rd percentile	50 percent
34 th – 66 th percentile	65 percent
66 th + percentile	80 percent

3. Clinical Quality Score

- 5% of the incentive payment achieved will be withheld for quality assessment
- The EQIP Entity's quality performance will indicate the portion of this withholding that is 'earned back'

5. Final Incentive Payment

- Paid directly to the payment remission source indicated by the EQIP Entity*
- Paid in full, six months after the end of the performance year
- In addition to incentive payments, if QPP thresholds are met, Medicare will pay a bonus to physicians and increase rate updates in future years.

4. Incentive Payment Cap

- The result is no more than 25 percent of the EQIP Participant's prior year Part B payments

*The EQIP entity can direct the payment remission source to distribute payments to individual Care Partners however it desires.

** In Year 1 the Target Price will be used to determine the tercile, in subsequent years, prior year performance will be used.

Example: Incentive Payment Calculation

EQIP Entity Participating in two EQIP episodes

		Episode A	Episode B	Calculation
A	Baseline period EQIP Entity episode payment benchmarks	\$15,000	\$10,000	Prometheus Grouper
B	Episode Target Price	\$15,000	\$10,000	$A \times 100\% \times \text{Inflation Adjustment}^{***}$ (no discount)
C	Episode Volume, Performance Year	25	50	Prometheus Grouper
D	Performance Year episode cost	\$14,300	\$9,500	Prometheus Grouper
E	Aggregate actual performance year episode costs	\$357,500	\$475,000	$D \times C$
F	Aggregate Savings/Dissavings Achieved	\$17,500	\$25,000	$(B - D) \times C$
G	At least 3% savings achieved?	Yes	Yes	$0.03 \times E < F$
H	Tiered shared savings rate	73rd percentile rank = 80% Shared savings due to EQIP Entity		HSCRC Methodology
I	Total Incentive Payment Due**	\$34,000		$\text{Ep. A } (F \times H) + \text{Ep. B } (F \times H)$

**Less dissavings from prior year (if any) and Adjusted for Quality Performance Score

*** Inflation set to zero for the purpose of this example

Dissavings Accountability

- Direct collection of downside risk is not possible without the ability to directly adjust physician FFS payments.
- However, it is important to ensure the program drives meaningful improvements in cost efficiency and quality.
- EQIP's **Dissavings Policy** will help to ensure outcomes in lieu of downside risk:
 1. Participants who create dissavings in a performance year will be required to offset those dissavings in the following performance year, prior to earning a reward.
 2. An EQIP Entity will be removed from EQIP if its Target Price is in the lower two terciles of the Tiered Shared Savings Rate (0-66th percentile) and there have been two consecutive years of dissavings.
 - HSCRC staff will monitor the effects of this policy to ensure there are no unintended consequences

EQIP will be an Advanced Alternative Payment Model (AAPM)

- AAPM status means EQIP will allow participating Care Partners to qualify into the Quality Payment Program (QPP). QPP status benefits participants in several ways, including:
 - A potential 5 percent incentive payment (in addition to EQIP incentives),
 - Exclusion from the MIPS reporting requirements, and,
 - Exclusion from MIPS payment adjustments.
- Care Partners who participate in 2022 will **receive a lump-sum payment from CMS in 2024**, based on their 2023 Part B services
 - **In initial performance years**, all beneficiaries ‘touched’ by a Care Partner participating in an EQIP Entity will be attributed to the AAPM.

EQIP Quality Measure Selection for PY1

Measure Characteristics

- Measures within the PY2021 MIPS Set
- Applicable at physician-level
- Part B claims measurable

CMS Quality Payment Program (QPP) Standards

- High Priority or Outcomes Measure
- 3-6 measures available

HSCRC Priorities

- Alignment with CareFirst
- Agnostic to episode-type
- Maryland's Statewide Integrated Health Improvement Strategy

Measure Name	Orthopedics	Gastroenterology	Cardiology
Advance Care Plan (NQF #326)	✓	✓	✓
Documentation of Current Medications in the Medical Record (NQF #419)	✓	✓	✓
Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan (MIPS #128)	✓	✓	✓

- Will be a Care Partner-specific quality adjustment to the final Incentive Payment after shared savings as a 5% 'earn back'
- For each triggered episode, the HSCRC will assess if the three measures were **performed 365 days prior to the end of the episode**, by any physician

CRISP EQIP Entity Portal

- The State has developed a one-stop shop, or EQIP Entity Portal to support participation with:
 - Enrollment and opportunity analysis,
 - CMS vetting and required activities (including reporting),
 - CRP Entity Contracting and operations support, and,
 - Performance analytics, learning system and program communications.
- Access to EEP is a requirement for participation
 - Organizations will need access to the CRISP Reporting Services (CRS) Portal Login Page (separate from ULP and ENS)
 - For organizations new to CRS, you must sign a CRISP Participation Agreement (PA) and update their Notice of Privacy Practices documents (**this can be done NOW, Contact: EQIP@CRISPhealth.org**)
 - CRISP will hold webinars for training later in June and early July

EQIP Entity Enrollment

- Individual or Group Participation
- Provider Information
- Administrative Proxy Election
- Status Tracker

Participation Management

- Episode Selection
- Intervention Selection
- Baseline Data

Program Data

- Incentive Payments and Savings Summaries
- Monthly Performance Analytics

The Benefits of EQIP



Value-based
payment
opportunity
tailored to
Maryland
physicians



No downside
risk collection



System
alignment,
regardless of
care setting



Episodes
tailored to
provider
practice
patterns and
scope of
impact



Opportunity to
improve
patient
outcomes and
contribute to
health system
improvement

EQIP Timeline

May-June, 2021	<ul style="list-style-type: none">• EQIP Recruitment and information sessions• CRISP Credentialing and Enrollment for EEP
July 9th, 2021	<ul style="list-style-type: none">• EEP opens for enrollment• Technical Policy and Portal User Guides available• Baseline Episode experience available in EEP
Sept. 1st, 2021	<ul style="list-style-type: none">• Deadline to submit National Provider Identification (NPI) and other enrollment initiation information into EEP• Providers submitted to CMS for vetting
Dec. 1, 2021	<ul style="list-style-type: none">• Care Partner Arrangements and Payment Operations Finalized• CMS Vetting Status Available, Enrollment Finalized
Jan. 1, 2022 PY1 Start	<ul style="list-style-type: none">• Care Partner participation opportunity will be annual• Preliminary Target Prices available in EEP
<i>Mar. 1, 2022</i>	<ul style="list-style-type: none">• Performance analytics available, updated
<i>July 1, 2022</i>	<ul style="list-style-type: none">• PY2 (2023) Enrollment Opens
<i>July 1, 2023</i>	<ul style="list-style-type: none">• Incentive Payments distributed

Learning More about EQIP and Enrollment

- Please reach out if you would like to schedule a one-on-one demo or meeting about EQIP with your organization. Staff will be available to:
 - Walk through opportunity analysis, specific to your organization
 - Discuss any episode definitions
 - Answer specific questions
- EQIP Subgroup Schedule
 - Monthly every third Friday, 9-11am
 - Next meeting: June 18th, 2021, To be added to distribution list, email: bfitzgerald@medchi.org
- **Enrollment Inquiries:** EQIP@crisphealth.org
- Website: <https://hscrc.maryland.gov/Pages/Episode-Quality-Improvement-Program.aspx>
- Key Dates
 - July 9, 2021: Enrollment Opens
 - September 1, 2021: Deadline for Care Partner submission into EEP for 1/1/22 start (CMS Vetting)
 - October-December, 2021: Contracting, Episode and Intervention Selection
 - January 2022: Program Start

Thank you!

Appendix

HSCRC Staff Proposed Episodes for PY1, Episode Type, Length

Gastroenterology Episode	Triggering Procedures (CPT)	
Colonoscopy <i>Procedure, 14</i>	Colonoscopy Sigmoidoscopy w biopsy, polypectomy Colonoscopy thru stoma w biopsy, polypectomy Colonoscopy w biopsy, polypectomy Sigmoidoscopy	Flexible Sigmoidoscopy /Colonoscopy Colonoscopy/Sigmoidoscopy ColorectalCa Screen Colonoscopy through Stoma Other therapeutic Sigmoidoscopy
Colorectal Resection <i>Procedure, 90</i>	Colectomy with proctectomy Laparoscopic colectomy with proctectomy Laparoscopic partial colectomy Laparoscopic total intra-abd colectomy Partial Colectomy Total intra-Abdominal colectomy	Abdominoperineal Resection Abdominoperineal Resection Rectal Resection Pelvic Exenteration Procedure - colorectal resection – other Procedure - other anal / rectal procedures
Gall Bladder Surgery <i>Procedure, 90</i>	Laparoscopic Cholecystectomy Open Cholecystectomy w/wout CBD expl	
Upper GI Endoscopy <i>Procedure, 14</i>	Flexible Esophagoscopy Esophagoscopy w additional procedures Upper GI endoscopy w additional procedures Esophagoscopy w treatment of varices	Upper GI endoscopy Esophagoscopy w Dilatation Flexible Esophagoscopy w biopsy EGD w biopsy EGD w Dilation Barrett's ablation

Statewide Estimates, 2019

	Statewide Episodes	Unique NPIs	Average Cost per Episode	Total Cost Statewide
Colonoscopy	15,995	873	\$ 1,629	\$ 28,922,505
Colorectal Resection	1,322	287	\$ 37,824	\$ 47,004,774
Gall Bladder Surgery	2,254	388	\$ 13,547	\$ 28,557,776
Upper GI Endoscopy	15,084	889	\$ 2,325	\$ 35,254,531
Grand Total	34,655	2,437	\$ 8,043	\$ 139,739,585

HSCRC Staff Proposed Episodes for PY1, Episode Type, Length

Ortho/Neuro Episode	Triggering Procedures (CPT)
Hip Replacement & Hip Revision Procedure, 90	Partial and Total Hip Replacement Partial and Total Hip Revision Total Hip Resurfacing
Hip/Pelvic Fracture Acute, 30	Triggered on diagnosis (ICD-10) Closed and open Fracture Neck of Femur, Pelvis Stress Fracture Femur, Pelvis Other Closed Fracture Femur, Pelvis Completion of Joint Prosthesis, orthopedic procedure *may also include above episodes
Knee Arthroscopy Procedure, 90	Posterior Cruciate Ligament Repair Knee Arthroscopy Knee Meniscal Transplant / Graft Knee Arthroscopy without ligament repair ACL Repair Knee
Knee Replacement & Knee Revision Procedure, 90	Partial and Total Knee Replacement (primary) Partial and Total Knee Revision
Lumbar Laminectomy Procedure, 90	Decompression / Discectomy Laminectomy
Lumbar Spine Fusion Procedure, 180	Spinal Fusion
Shoulder Replacement Procedure, 90	Partial and Total Shoulder Replacement Revision of Shoulder Replacement

Statewide Estimates, 2019

	Statewide Episodes	Unique NPIs	Average Cost per Episode	Total Cost Statewide
Hip Replacement & Hip Revision	3,402	277	\$ 22,028	\$ 71,653,679
Hip/Pelvic Fracture	4,357	n/a	\$ 31,396	\$ 136,794,460
Knee Arthroscopy	919	226	\$ 4,587	\$ 4,167,320
Knee Replacement & Knee Revision	6,791	442	\$ 19,140	\$ 133,288,453
Lumbar Laminectomy	1,255	173	\$ 11,731	\$ 14,052,763
Lumbar Spine Fusion	1,861	180	\$ 46,329	\$ 86,758,488
Shoulder Replacement	1,124	139	\$ 22,657	\$ 27,743,028
Grand Total	19,709	1,438	\$ 20,269	\$ 474,458,189

HSCRC Staff Proposed Episodes for PY1, Episode Type, Length

Cardiology Episode	Triggering Procedures (CPT)
Pacemaker / Defibrillator <i>Procedure, 30</i>	Insertion of Pacemaker Insertion of Generator Alone Insertion of Leads Insertion of Defibrillator
CABG &/or Valve Procedures <i>Procedure, 90</i>	Heart Valve Repair, Outflow Reconstruction Heart Valve Replacement Coronary Artery Bypass Graft (CABG) Re-Do Coronary Artery Bypass Graft (CABG)
Coronary Angioplasty <i>Procedure, 90</i>	PCI with stents, atherectomy Procedure - coronary - ptca – angioplasty Procedure - coronary - thrombectomy
Acute Myocardial Infarction (AMI) <i>Acute, 30</i>	Triggered on diagnosis (ICD-10) STEMI NSTEMI *may also include above episodes

Statewide Cardiology Estimates, 2019

	Statewide Episodes	Unique NPIs	Average Cost per Episode	Total Cost Statewide
Acute Myocardial Infarction	3,116	TBD	\$ 24,925	\$ 77,666,845
CABG &/or Valve Procedures	1,707	123	\$ 64,220	\$ 109,563,635
Coronary Angioplasty	3,853	305	\$ 18,581	\$ 71,637,404
Pacemaker / Defibrillator	3,908	240	\$ 22,634	\$ 92,028,833
Total	12584	669	\$ 28,435	\$ 350,896,717