

■ Potential episode trigger event

# Patient journey: Esophagogastroduodenoscopy (EGD) and colonoscopy episodes

**Patient has clinical indications that require a non-emergent esophagogastroduodenoscopy (EGD) or colonoscopy**

## Initial assessment

- Initial assessment is done by either a primary care provider (PCP), GI specialist or surgeon, or other physician depending on where the patient seeks care

## Procedure

- Patient may receive diagnostic testing, laboratory tests, and imaging based on their medical history
- Patient is prepared for procedure and given anesthesia
- Procedure is performed in an office or outpatient setting
- Tissue samples may be taken, and other diagnostic or therapeutic maneuvers may be performed based on patient diagnosis

## Follow up care

- Patient recovers either in a same-day recovery unit or an inpatient recovery unit
- Patient receives either a follow-up visit or phone call
- Medications to alleviate pain or for certain conditions may be prescribed

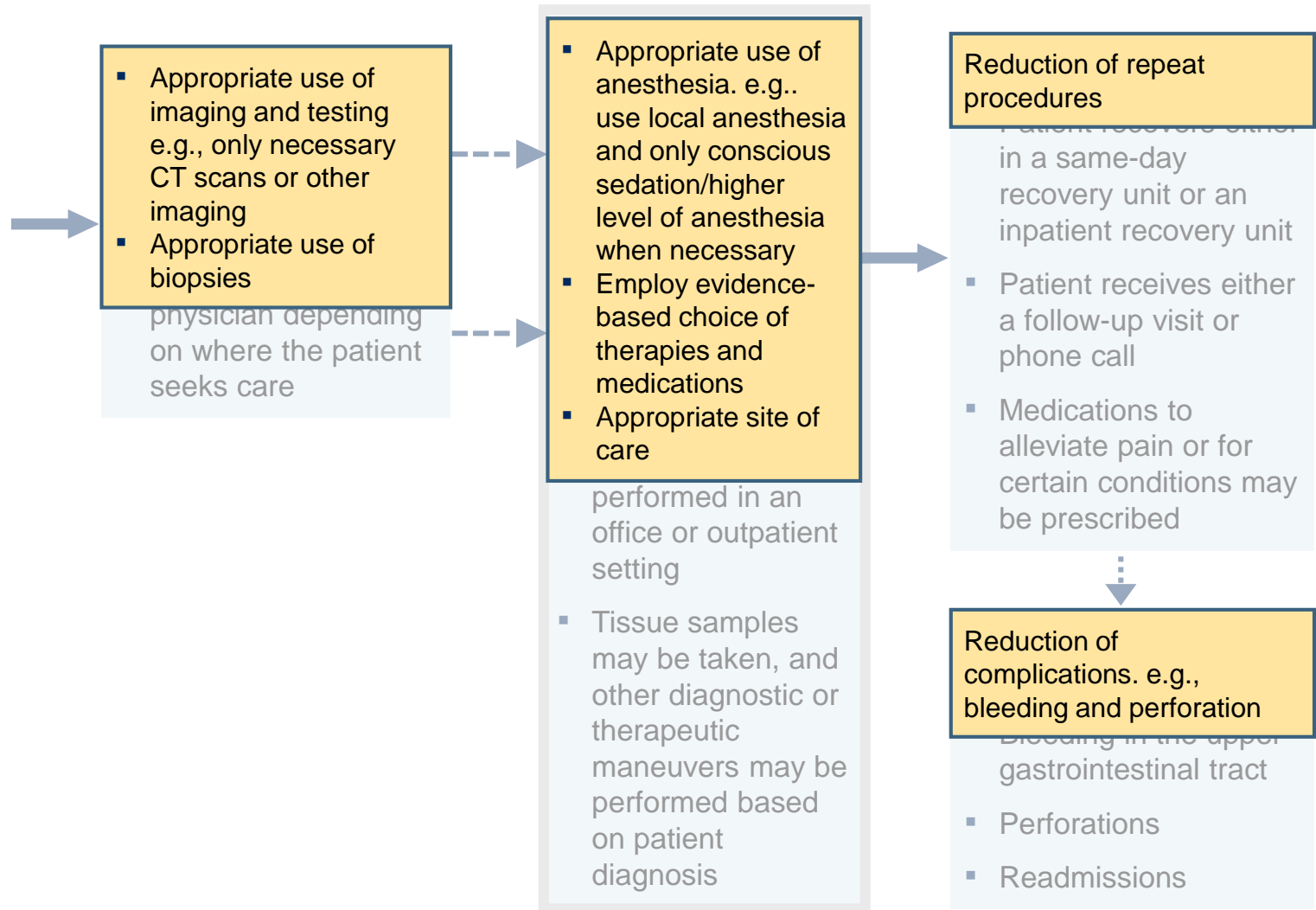
## Potential complications

- Bleeding in the upper gastrointestinal tract
- Perforations
- Readmissions

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# Sources of value: Esophagogastroduodenoscopy (EGD) and colonoscopy episodes

Patient has clinical indications that require a non-emergent esophagogastroduodenoscopy (EGD) or colonoscopy



# Colonoscopy episode definition (1/2)

Area	Episode base definition
<b>1</b> Episode triggers <sup>1</sup>	<ul style="list-style-type: none"> <li>Professional claim for colonoscopy</li> </ul>
<b>2</b> Episode window	<ul style="list-style-type: none"> <li>Episodes begin <b>7 days</b> before the colonoscopy procedure</li> <li>Episodes end <b>14 days</b> after the colonoscopy procedure or discharge from hospital</li> <li>Clean period is <b>21 days</b></li> </ul>
<b>3</b> Claims included <sup>1</sup>	<ul style="list-style-type: none"> <li><b>During the pre-procedure period:</b> Relevant procedures, relevant E&amp;M care, and relevant medications</li> <li><b>During the visit for the procedure:</b> Relevant procedures, relevant E&amp;M care, and relevant medications</li> <li><b>During post-procedure window:</b> Relevant procedures, relevant E&amp;M care, relevant medications, spend associated with complication diagnoses (e.g., anesthesia procedures, septicemias, anemias, antidiarrheals) and inpatient admissions less BPCI exclusions</li> </ul>
<b>4</b> Principal accountable provider	<ul style="list-style-type: none"> <li>The PAP is the <b>physician or group</b> that performs the surgery</li> <li>The billing provider ID on the triggering professional claim will be used to identify the PAP</li> <li>Payers may alternatively choose to identify the PAP based on the contracting entity responsible for the triggering claim</li> </ul>

<sup>1</sup> A full list is available in the detailed business requirements

# Colonoscopy episode definition (1/2)

## Area

### Episode base definition

#### 5 Risk adjustment and episode exclusion

- **Risk adjustment:** 22 factors for use in risk adjustment including intestinal infections, upper GI conditions, lower GI conditions, and urinary conditions<sup>1</sup>
- **Episode exclusion:** There are three types of exclusions:
  - Business exclusions:
    - Members under 1 years old or above 64 years old
    - Emergent (ED and inpatient) scopes
    - Clinically indicated concurrent EGD
    - Screening colonoscopies with concurrent EGD
    - Others: Third-party liability, inconsistent enrollment, PAP out of State, No PAP, dual eligibility, long-term care, long hospitalization, missing APR-DRG, and incomplete episodes
  - Clinical exclusions
    - Members with any of 17 clinical factors<sup>1</sup>
    - Members with an unusually large number of comorbidities<sup>1</sup>
  - High cost outlier exclusions: Episode's risk-adjusted spend is 3 standard deviations above the mean (after business and clinical exclusions)

#### 6 Quality metrics

- **Quality metrics linked to gainsharing**
  - Share of colonoscopies in a facility participating in QCDR, e.g., GIQuiC
  - ED visit rate in the post-trigger window
- **Quality metrics for reporting only**
  - Perforation rate
  - Percent of valid episodes with a repeat colonoscopy within 60 days
  - Post-polypectomy/biopsy bleeding rate

<sup>1</sup> A full list is available in the detailed business requirements