

2020 ABG QCDR Measure Specifications

Calculations

$$\text{Reporting Rate} = \frac{\text{Performance Met} + \text{Performance Not Met} + \text{Denominator Exceptions}}{\text{Initial Patient Population} - \text{Denominator Exclusions}}$$

$$\text{Performance Rate} = \frac{\text{Performance Met}}{\text{Reporting Numerator} - \text{Denominator Exceptions}}$$

Measure # 16 (ABG16): Planned use of difficult airway equipment

Domain: Effective Clinical Care

Measure Type: Process

Description: For all patients on whom difficult airway equipment is used in the operating room/procedure room, the rate with which it's use is planned ahead of time for either therapeutic or educational purposes.

Instructions: Users must report at least one ABG Observation code in the intraoperative phase of care for the case to be counted in the reporting numerator. Cases with Observation code 36 will be counted in the performance numerator. Cases with Observation codes 4, 36, 37 and 38 will be counted in the performance denominator.

Denominator: Patient with an encounter

Criteria (Eligible Cases)

Excluding the following ABG observations: 002, 063, 064, 065 (case cancellations) AND

Excluding Labor Epidural (CPT codes 01960, 01967)

Numerator:

Numerator Instructions: Inverse Measure

Performance Met: ABG Observation 036 (use of difficult airway equipment, planned) Reported intraoperatively

Performance Not Met: ABG Observation 037, 38 or 4 (unplanned use of difficult airway equipment, unable to intubate or failed airway) Reported intraoperatively

Denominator Exclusions: Labor Epidural or ASAPS>4

Denominator Exceptions: ABG Observation 4, 36, 37 OR 38 **NOT** reported

Measure#38 (ABG38): Second Provider Present for Induction/Intubation of Known or Suspected Difficult Airway

Measure Description: In adult patients with a known or suspected difficult airway, presence of a dedicated second provider at induction of general endotracheal anesthesia who can serve as an assistant for management of a difficult airway.

National Quality Strategy Domain: Patient Safety

Measure Type: Process

High Priority Status: Yes

Inverse Measure: No

Risk Adjusted: No

Instructions: This measure is to be reported each time an adult patient with a suspected difficult airway undergoes general anesthesia requiring placement of an endotracheal tube. At the time of induction and placement of the endotracheal tube a second dedicated provider will be present to serve as an assistant for management of a difficult airway. It is anticipated that qualified anesthesia providers and eligible clinicians who provide denominator-eligible services will submit this measure.

Measure Reporting via the Qualified Clinical Data Registry

Patient demographics and CPT codes are used to identify patients who are included in the measure denominator. G-codes and Registry Codes are used to capture the numerator.

Denominator: Patients, aged 18 years and older with a known or suspected difficult airway who undergo general anesthesia with an endotracheal tube (identified with ABG Measure Response Code 1019)

Denominator Criteria (Eligible Cases):

Has general anesthesia with endotracheal intubation

AND

Patient encounter during the reporting period:

CPT Codes included:

00100, 00102, 00103, 00104, 00120,
00124, 00126, 00140, 00142, 00144, 00145, 00147, 00148, 00160, 00162, 00164, 00170, 00172, 00174,
00176, 00190, 00192, 00210, 00211, 00212, 00214, 00215, 00216, 00218, 00220, 00222, 00300, 00320,
00322, 00326, 00350, 00352, 00400, 00402, 00404, 00406, 00410, 00450, 00454, 00470, 00472, 00474,
00500, 00520, 00522, 00524, 00528, 00529, 00530, 00532, 00534, 00537, 00539, 00540, 00541, 00542,
00546, 00548, 00550, 00560, 00600, 00604, 00620, 00625, 00626, 00630, 00632, 00635, 00640, 00670,
00700, 00702, 00730, 00740, 00750, 00752, 00754, 00756, 00770, 00790, 00792, 00794, 00796,
00797, 00800, 00802, 00810, 00820, 00830, 00832, 00834, 00836, 00840, 00842, 00844, 00846, 00848,
00851, 00860, 00862, 00864, 00865, 00866, 00868, 00870, 00872, 00873, 00880, 00882, 00902, 00904,
00906, 00908, 00910, 00912, 00914, 00916, 00918, 00920, 00921, 00922, 00924, 00926, 00928,
00930, 00932, 00934, 00936, 00938, 00940,
00942, 00944, 00948, 00950, 00952, 01112, 01120, 01130, 01140, 01150, 01160, 01170, 01173,

01180, 01190, 01200, 01202, 01210, 01212, 01214, 01215, 01220, 01230, 01232, 01234, 01250, 01260,
01270, 01272, 01274, 01320, 01340, 01360, 01380, 01382, 01390, 01392, 01400, 01402, 01404, 01420,
01430, 01432, 01440, 01442, 01444, 01462, 01464, 01470, 01472, 01474, 01480, 01482, 01484, 01486,
01490, 01500, 01502, 01520, 01522, 01610, 01620, 01622, 01630, 01634, 01636, 01638, 01650, 01652,
01654, 01656, 01670, 01680, 01682, 01710, 01712, 01714, 01716, 01730, 01732, 01740, 01742, 01744,
01756, 01758, 01760, 01770, 01772, 01780, 01782, 01810, 01820, 01829, 01830, 01832, 01840, 01842,
01844, 01850, 01852, 01860, 01924, 01925, 01926, 01930, 01931, 01932, 01933, 01935, 01936, 01951,
01952, 01961, 01962, 01963, 01965, 01966, 01992

DENOMINATOR EXCLUSIONS:

Age < 18

ASA Physical Status =E

DENOMINATOR EXCEPTIONS:

NOT identified as a difficult airway

Numerator:

Patient who by history or physical examination is suspected of having a difficult airway and for whom general anesthesia with an endotracheal tube is planned. The presence of a dedicated second provider for the induction and placement of the endotracheal tube shall be documented.

Numerator Quality-Data Coding Options for Reporting Satisfactorily :

Patient having GETA (ABG Measure Response Code 1019)

AND

Patient identified as a known or suspected difficult airway (ABG Measure Response Code 1073)

Performance Met: A dedicated second provider is present at induction and placement of the endotracheal tube (ABG Measure Response code 1074)

OR

Performance Not Met: A dedicated second provider is NOT present at induction and placement of the endotracheal tube (ABG Measure Response code 1075)

Definitions:

Numerator Note: suspected difficult airway- A difficult airway is defined as the clinical situation in which a conventionally trained anesthesiologist experiences difficulty with facemask ventilation of the upper airway, difficulty with tracheal intubation, or both. The difficult airway represents a complex interaction between patient factors, the clinical setting, and the skills of the practitioner.

Numerator Note: dedicated second provider- capable healthcare provider whose only responsibility at the time of induction is to provide assistance for management of difficult airway

References:

1. [Practice Guidelines for Management of the Difficult Airway An Updated Report by the American Society of Anesthesiologists Task Force on Management of the Difficult Airway. Anesthesiology 2013; 118:251-70.](https://www.openanesthesia.org/overall_preoperative_evaluation_anesthesia_text/)