




Anesthesiology: Milestones 2.0

NEW AND IMPROVED

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ACGME

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Disclosure

- Full-time employee of ACGME

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Thank You!

| | |
|----------------------------|-------------------------------|
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We ♥ Milestones 2.0

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What have we learned?

- Too much!
- Dissatisfaction with non-PC/MK
- More people want to participate

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Differences

Patient Care and Medical Knowledge have two options outside of the levels:

- Not yet completed Level 1
- Not yet assessable

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What changed?

| Patient Care 3: Application and Interpretation of Monitors | | | | | |
|--|---|--|--|---|--|
| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | |
| Monitors standard monitors | Independently selects central and arterial catheters based on patient comorbidities and procedure | Selects advanced monitors based on patient comorbidities and procedure, with supervision | Inserts or applies advanced monitors, with supervision | Independently inserts or applies advanced monitors | Functions as a consultant for difficult advanced monitor placement |
| Applies standard monitors to patients | Inserts central and arterial catheters, with supervision | Recognizes and addresses malfunctions in standard monitors and interprets data from central and arterial lines, with supervision | Recognizes and addresses malfunctions in advanced monitors and interprets data, with supervision | Independently interprets data, recognizes and addresses malfunctions in monitors and other monitoring equipment | Participates in the research and/or development of protocols for monitoring technology |
| Interprets standard monitoring data | Addresses malfunctions in standard monitors and interprets data from central and arterial lines, with supervision | Recognizes and addresses malfunctions in advanced monitors and interprets data, with supervision | Recognizes and addresses malfunctions in advanced monitors and interprets data, with supervision | Recognizes and addresses malfunctions in advanced monitors and interprets data, with supervision | Recognizes and addresses malfunctions in advanced monitors and interprets data, with supervision |
| Comments: | | | | | |
| Not Yet Completed Level 1 <input type="checkbox"/> | | | | | |
| Not Yet Assessable <input type="checkbox"/> | | | | | |

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Milestones 2.0: Patient Care

Pre-Anesthetic Evaluation
 Peri-Operative Care and Management
 Application and Interpretation of Monitors
 Intra-Operative Care
 Airway Management

Point of Care Ultrasound
 Situational Awareness and Crisis Management
 Post-Operative Care
 Critical Care
 Regional (Peripheral and Neuraxial) Anesthesia

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Milestones 2.0: Medical Knowledge

Foundational Knowledge
 Clinical Reasoning

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Milestones 2.0

Systems-Based Practice
 Patient Safety and Quality Improvement
 Systems Navigation for Patient-Centered Care
 Physician Role in the Healthcare System

Practice-Based Learning and Improvement
 Evidence-Based and Informed Practice
 Reflective Practice and Commitment to Personal Growth

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Milestones 2.0

Professionalism
 Professional Behavior and Ethical Principles
 Accountability/Conscientiousness
 Well-being

Interpersonal and Communication Skills
 Patient and Family Centered Communication
 Interprofessional and Team Communication
 Communication within Health Care Systems

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Supplemental Guide

Examples for Levels 1-5
 Assessment methods
 Resources

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Supplemental Guide

| Patient Care 5: Airway Management | | |
|--|--|--|
| Milestones | Examples | |
| Level 1: Performs basic airway assessment | • Aspects Mallampati score | |
| Level 2: Lines the airway and identifies risk factors to determine a patient-specific plan | • Performs bag mask ventilation for an uncomplicated induction in a healthy 21-year-old male | |
| Level 3: Prepares fiber equipment and manages airway in a complicated airway | • Secures videolaryngoscopy for a patient who is Mallampati 2 with limited neck range motion | |
| Level 4: Independently manages airway management plans that address contingencies | • Checks laryngoscope light, endotracheal tube balloon and intubates 21-year-old Mallampati 2 airway | |
| Level 5: Prepares and incorporates advanced equipment in the management of a complicated airway, with supervisor | • With supervisor: <ul style="list-style-type: none"> Plans indirect laryngoscopy for a patient with BMI 45 and Mallampati 3 and assesses availability of supraglottic device and tongue Inserts appropriate size of supraglottic device, assesses functionality of fiberoptic scope | |
| Level 6: Independently manages airway management plans that address contingencies | • Independently: <ul style="list-style-type: none"> Plans indirect laryngoscopy for a patient with BMI 45 and Mallampati 3 and assesses availability of supraglottic device and tongue Inserts appropriate size of supraglottic device, assesses functionality of fiberoptic scope | |
| Level 7: Prepares and incorporates advanced equipment in the management of a complicated airway | • Manages fiberoptic intubation for an intubate case and (ICU) patient with a known central airway who self-extubated and calls otolaryngologist to decide for potential surgical airway | |
| Level 8: Functions as an expert in an airway crisis for complicated airways | • Direct observation | |
| Assessment Modes or Tools | • Direct observation | |
| Consent/Mapping | • Direct observation | |
| Notes or Resources | • Novack et al. Last Mile, Cohen NE. ASA provides examples to meet ASA physical status class. ASA Newsletter. 2015;79:30-49. http://onlinelibrary.wiley.com/doi/10.1002/lary.23402 . 2015. | |

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Supplemental Guide



Review the Milestones and Supplemental Guide with your CCC



Perform a shared mental model exercise with your CCC

Program's expectations at each level
Assessment tool(s) you will use
Rotations each will be assessed

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Where do I find...?



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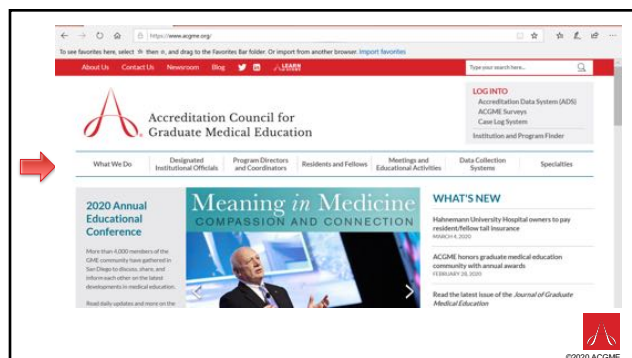


Resources

- Are you aware of the Milestones resources available from ACGME?
- Resident-Fellow Guidebook for Milestones?
- Annual Milestones National Report?

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Milestones Resources

Guidebooks

- Milestones Implementation Guidebook
- Milestones Guidebook
- Milestones Guidebook for Residents and Fellows
- Clinical Competency Committee Guidebook
- Clinical Competency Committee Guidebook Executive Summaries

Other Resources

- Milestones FAQs
- Use of Individual Milestones Data by External Entities for High Stakes Decisions

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Distance Learning



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Accreditation Council for Graduate Medical Education

LOG INTO
Accreditation
ACGME Sur-
Case Log Sys
Institution and

What We Do | Designated Institutional Officials | Program Directors and Coordinators | Residents and Fellows | Meetings and Educational Activities | Data Collection Systems

Home » What We Do » Accreditation » Milestones » Milestones Engagement

Milestones Engagement

The ACGME plans to involve the public more in the next iteration of the Milestones. Opportunities to be involved range from completing surveys to becoming a member of a committee. E-mail any questions to milestones@acgme.org.

Call for Volunteers
There are no volunteer positions currently available.

Feedback Surveys
There are no feedback surveys currently available.

Quick Links
Overview
Resources
Research and Re
Engagement

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MILESTONES BIBLIOGRAPHY - DECEMBER 2019

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Here to help

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