

# PDA Boot Camp

## How to Effectively Use the Milestones 2.0

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# Disclosures

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- None
  
  
  
  
  
  
  
  
  
  
- The opinions expressed in this presentation are solely those of the presenters and do not reflect the official views or policy of Department of Defense, or its Components

# Learning Objectives

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- Describe some of the features of the Milestones 2.0
- Identify resources to support using Milestones 2.0
- Discuss ways to effectively use the Milestones 2.0

# Background

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- Milestones are intended:
  - Assess performance levels of 6 ACGME competencies
  - Provide outcomes-based narrative descriptions of performance levels
  - Provide residents a transparent roadmap to competency and for self-reflection
  - Provide framework for formative development and feedback
  - Provide semi-annual framework for Clinical Competency Committees (CCC) to reach summative judgments

# Background

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- Milestones are not intended:
  - Assess performance on regular short-term rotations
  - Used as the only assessment tool
  - Inclusive of all areas of competence
  - Correspond with the post-graduate year of education
  - Set a predetermined time for a resident to attain a specific level
  - Automatically progressive – residents can regress

# Milestones “1.0”

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- 2009 – next accreditation system approved and included development of milestones
- July 2013 – First seven specialties introduced
- Aug 2013 – Allergy/Immunology developed specialty specific milestones
- July 2014- Allergy/Immunology formally introduced

# Milestones 2.0

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- Aug 2019 – Allergy/Immunology Work Group

Amal Assa'ad, MD

Evelyn Lomasney, MD

Taylor Atchley, MD

Aidan Long, MD

T Prescott Atkinson, MD PhD

Mike Nelson, MD, PhD

Beverly Huckman, BA

Princess Ogbogu, MD

Bruce Lanser, MD

Kelly Stone, MD PhD

- 1 July 2020 - Milestones 2.0 took effect
- 30 Dec 2020 – first required use of Milestones 2.0

# Milestones 2.0

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ACGME Core Competency	Milestones 1.0	Milestones 2.0
Patient Care & Procedural Skills	4	4
Medical Knowledge	1	3
Systems-based Practice	1	4
Practice-based Learning & Improvement	2	2
Interpersonal & Communication Skills	1	3
Professionalism	1	3
<b>Total</b>	<b>10</b>	<b>19</b>



# Unchanged in Milestones 2.0

- Range of Level 1 to Level 5 remains
- Level 4 remains the graduation target ... but is not a requirement

## Interpersonal and Communication Skills 2: Interprofessional and Team Communication

Level 1	Level 2	Level 3	Level 4	Level 5
Respectfully receives and clarifies a consultation request	Responds to a consultation request clearly, concisely and in a timely manner	Confirms understanding of recommendations when providing consultation	Coordinates recommendations from different members of the health care team to optimize patient care	Role models flexible communication strategies that value input from all health care team members, resolving conflict when needed
Uses language that values and respects all members of the team	Communicates information effectively and solicits feedback with all members of the team	Solicits feedback and communicates concerns to peers and learners	Communicates feedback and constructive criticism to superiors, as indicated	Facilitates team-based feedback in complex situations (e.g., fostering debriefing sessions)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# New in Milestones 2.0

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- Increased granularity & specialty-specific language
  - Differentiates adult & pediatric patients
  - Differentiates basic science & clinical science
  - Etc
- Positive language
  - Specific outcomes
  - No longer “infrequent”, “inconsistent”, <25% - >90%

# New in Milestones 2.0

- Broader considerations (wellness, population health, etc)
- Level 5 outcomes relevant & achievable by resident
- Flexibility = “not assessable” & “not yet completed Level 1”

Patient Care 1: Medical Interview and Physical Examination of Adult Allergy and Immunology Patients				
Level 1	Level 2	Level 3	Level 4	Level 5
Obtains a history and physical exam	Obtains a complete history and physical exam, extracting relevant elements for presentation of a patient with common conditions	Obtains a complete history and physical exam, extracting relevant elements for presentation of a patient with complex conditions	Efficiently obtains and communicates a focused history and physical exam for all patients	Efficiently obtains and communicates a focused history and exam, including sensitive, complicated, and detailed information that may not be volunteered by the patient
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>				
Not Yet Completed Level 1 <input type="checkbox"/>				
Not Yet Assessable <input type="checkbox"/>				

# New in Milestones 2.0

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- Supplemental Guide
  - Provided as a .pdf or modifiable word template
  - Added information
    - Overall intent
    - Specific examples
  - Ideas and examples for assessment tools
  - Section to prompt curriculum mapping
  - Ideas and examples for resources

## Medical Knowledge 1: Basic Science of Allergy and Immunology

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## Medical Knowledge 1: Basic Science of Allergy and Immunology

**Overall Intent:** To demonstrate the progression of basic science knowledge from immune system components to complex immunologic and allergic disease pathophysiology, as well as the basis for diagnosis, treatment, and research

Milestones	Examples
<b>Level 1</b> <i>Demonstrates basic knowledge of the cellular and humoral components of the immune system</i>	<ul style="list-style-type: none"> <li>● Describes and differentiates features of innate and adaptive immunity</li> <li>● Describes basic lymphocyte subsets and immunoglobulin classes and subclasses</li> <li>● Describes the structure and function of primary and secondary lymphoid organs</li> </ul>
<b>Level 2</b> <i>Demonstrates advanced knowledge of the cellular and humoral components of the immune system and basic knowledge of normal physiology</i>	<ul style="list-style-type: none"> <li>● Describes the major components of humoral and cellular innate immunity</li> <li>● Describes the development of B and T cells</li> <li>● Describes the T and B cell receptor signaling cascade</li> </ul>
<b>Level 3</b> <i>Applies the knowledge of basic immunology to understanding the pathophysiology of common immunologic and allergic diseases</i>	<ul style="list-style-type: none"> <li>● Describes the role of filaggrin mutations and skin barrier compromise in the development and progression of atopic dermatitis and systemic allergic diseases, such as a peanut allergy</li> </ul>
<b>Level 4</b> <i>Applies the knowledge of basic immunology to understanding the pathophysiology of complex immunologic and allergic diseases and the basis for diagnosis, treatment, and research</i>	<ul style="list-style-type: none"> <li>● Describes the molecular defect resulting in the arrest of B cell development in X-linked agammaglobulinemia</li> <li>● Describes the detailed immunologic basis for a vaccine response and use of diagnostic vaccination in immunodeficiency evaluation</li> </ul>
<b>Level 5</b> <i>Serves as a content expert, invited lecturer or subject matter expert</i>	<ul style="list-style-type: none"> <li>● Is invited to present basic science research at a regional or national meeting</li> </ul>
Assessment Models or Tools	<ul style="list-style-type: none"> <li>● Board review participation</li> <li>● In-training exam</li> <li>● Journal club</li> <li>● Program level exams/quizzes</li> <li>● Staffing cases with attending</li> </ul>
Curriculum Mapping	-
Notes or Resources	<ul style="list-style-type: none"> <li>● Clinical Immunology Society (CIS) courses <a href="https://clinimmsoc.org/CIS.htm">https://clinimmsoc.org/CIS.htm</a></li> <li>● American Academy of Allergy Asthma and Immunology. Courses. <a href="https://education.aaaai.org/courses">https://education.aaaai.org/courses</a>.</li> <li>● American College of Allergy Asthma and Immunology. Courses. <a href="https://education.acaai.org/courses">https://education.acaai.org/courses</a>.</li> <li>● American Academy of Allergy Asthma and Immunology. 2019 In-Training Exam for Fellows Timeline. <a href="https://www.aaaai.org/professional-education-and-training/fellows-in-training/in-training-exam-for-fellows-timeline">https://www.aaaai.org/professional-education-and-training/fellows-in-training/in-training-exam-for-fellows-timeline</a>.</li> <li>● Core basic immunology and clinical allergy/immunology textbooks, such as:</li> </ul>

# Resources

https://www.acgme.org/

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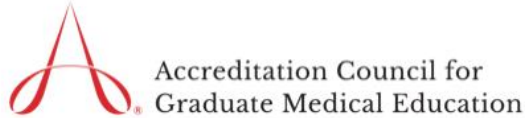
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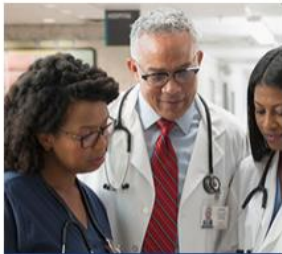
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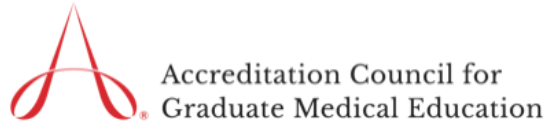
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## Allergy and Immunology

The documents and resources within this section are provided by the Review Committee for Allergy and Immunology and its staff at the ACGME to assist ACGME-accredited programs and those applying for accreditation. Specialty and subspecialty information is found in each of the links listed below, as applicable.

### OTHER ACCREDITATION RESOURCES

- Single GME Accreditation System >>
- Review and Comment >>
- Common Program Requirements >>
- Self-Study and Site Visit >>
- Osteopathic Recognition >>

- Overview ○
- Program Requirements and FAQs and Applications >>
- Milestones >>**
- Documents and Resources >>
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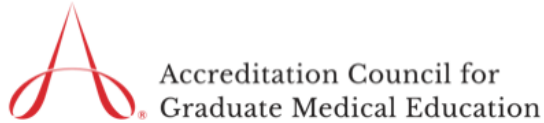
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## Allergy and Immunology

### Milestones

- Allergy and Immunology
- Allergy and Immunology – Effective July 1, 2020

### Milestones Supplemental Guides

- Allergy and Immunology Supplemental Guide
- Allergy and Immunology Supplemental Guide Template

### Milestones Resources

- Milestones: FAQs, Clinical Competency Committee Guidebook, and Resources

### Milestones Webcasts

Information Requested is Not Found

- Overview >>
- Program Requirements and FAQs and Applications >>
- Milestones o
- Documents and Resources >>
- Review Committee Members >>



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# Tips for Effective Use

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- Faculty & CCC
  - Share and discuss Milestones 2.0
    - Annually/beginning of academic year (minimum required)
  - Share Supplemental Guide
  - Operationalize in regular faculty precepting, rounds, etc
    - Learn and use the language from milestones
    - Structure feedback to match element(s) of the milestones

# Tips for Effective Use

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- Residents
  - Share and discuss Milestones 2.0
    - Annually/beginning of academic year (minimum required)
    - Preferably with Supplemental Guide
  - Use the milestones for self-reflection
  - Consider self-development of milestone based individualized learning plan
  - Ad-lib request for assessment

# Questions?

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