

UME-GME Feedback on Learner Performance

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Accreditation Council for Graduate Medical Education (ACGME)

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The Med School Portal

Purpose: Provide UME programs with feedback on alumni outcomes for CQI

Add value to Milestones data by providing feedback to UME at no additional burden to GME program directors

Established: 2019

Design: Illinois based SOMs advised on initial direction and use

Location: ACGME's website



The Med School Portal

Organization of the Portal

- Access agreements: Data stewardship
- Downloads: 1st year Milestones, persistence, specialty
- Additional resources: Use of Milestones in evaluation



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Access

- Originally single-user log on
- Today access to multiple users through a designated administrator at each UME program
- Administrators can add and remove users



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Specificity

- Originally aggregated, de-identified data for each graduating cohort
- Now we're able to share individual level data
 - Provided alumni consent



The Med School Portal

In order to share individual level data

- UME program will attest to having received student consent for us to share
- Return data for consented alumni only
- Consent should be active, verifiable
- Consent will be held by UME program



The Med School Portal Specialty

Milestone Aggregate Report - Specialty Box Plots at Post Year 1 Year-End Milestone Evaluation 2021-2022



Medical School Name: Sample Medical School Program, City, State

Year of Graduating Class: * 2022

Number of Entering Residents: 165

*graduated medical school between 09/01/2021 and 08/31/2022

Specialty Name	Medical School Graduates		Residency Program Count	
	N	%	N	%
Anesthesiology	1	0.6%	1	0.8%
Emergency medicine	12	7.3%	12	9.4%
Family medicine	9	5.5%	8	6.3%
Internal medicine	50	30.3%	33	26.0%
Neurological surgery	2	1.2%	1	0.8%
Neurology	2	1.2%	2	1.6%
Obstetrics and gynecology	11	6.7%	9	7.1%
Orthopaedic surgery	2	1.2%	2	1.6%
Otolaryngology - Head and Neck Surgery	1	0.6%	1	0.8%
Pathology-anatomic and clinical	5	3.0%	4	3.1%
Pediatrics	7	4.2%	7	5.5%
Physical medicine and rehabilitation	1	0.6%	1	0.8%
Plastic Surgery - Integrated	2	1.2%	1	0.8%



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PGY-1 Milestones Reports

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De-Identified Year 1 Milestone Evaluations by Resident and Specialty
 Year-End 2021-2022

ACGME

Medical School Name: Sample Medical School Program, City, State College of Medicine, City, State
 Specialty Name: Emergency medicine
 Year of Graduating Class: * 2021
 Number of Entering Residents: 12
 *graduated medical school between 09/01/2020 and 08/31/2021

Report Category	Question Text	N	Resident 1	Resident 2	Resident 3	Resident 4	Resident 5	Resident 6	Resident 7	Resident 8	Resident 9
Patient Care	1. Emergency Stabilization (PC1) Prioritizes critical initial stabilization action and mobilizes hospital support services in the resuscitation of a critically ill or injured patient and reassesses after stabilizing intervention.	12	2	3	3	1	3	3	3	3	4
	2. Performance of Focused History and Physical Exam (PC2) Abstracts current findings in a patient with multiple chronic medical problems and, when appropriate, compares with a prior medical record and identifies significant differences between the current presentation and past presentations.	12	2	3	3	0	3	3	3	4	4
	3. Diagnostic Studies (PC3) Applies the results of diagnostic testing based on the probability of disease and the likelihood of test results altering management.	12	2	3	3	1	3	3	3	3	4
	4. Diagnosis (PC4) Based on all of the available data, narrows and prioritizes the list of weighted differential diagnoses to determine appropriate management.	12	2	3	3	1	3	3	3	4	4
	5. Pharmacotherapy (PC5) Selects and prescribes, appropriate pharmaceutical agents based upon relevant considerations such as mechanism of action, intended effect, financial considerations, possible adverse effects, patient preferences, allergies, potential drug-food and drug-drug interactions, institutional policies, and clinical guidelines, and effectively	12	2	3	3	1	3	3	3	3	3

Anesthesiology **Emergency medicine** Family medicine Internal medicine Neurological surgery Neurology C ... +

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5 and 10 year look back

National comparisons

- Outcomes of any ACGME accredited program
- Outcomes of initial ACGME accredited program
 - Succeeded
 - Completed transitional year
 - Still active
 - Attrite (withdrew, dismissed, transferred, deceased)



Research using MS reports

Multi-site study

- Led by UIC, Cincinnati, and ACGME
- 6 UME programs, public & private
- 7 largest specialties
 - Influence of UME program on Milestones evaluations throughout GME training
 - Align SOM assessments with 1st year Milestone outcomes graduates 4 cohorts



Research using MS reports

Multi-site study

- Align UME assessments with Milestone outcomes graduates for 4 cohorts
 - Can we identify learners who will struggle and remediate?
 - Are there discrepancies in evaluations according to race, ethnicity, sex



Research using MS reports

Multi-site study (UME assessment variables)

- Pre-clinical course grades
- Clinical skill evaluations
- Clerkship grades
- USMLE-NBME performance
- Leaves of absence
- Awards (AOA, Gold Humanism)
- Demographics



Research using MS reports

Multi-site study

See us at AAMC Learn Serve Lead Meeting in November.



The Med School Portal

Reporting cycle

- Process Milestones reports (mid-late summer)
- Construct Look-Back (late summer)
- QA data (early autumn)
- Populate Portal with new data for prior year's graduates (~November)
- UME programs consent students (ongoing)



Discussion

Thank you

Feel free to contact me

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