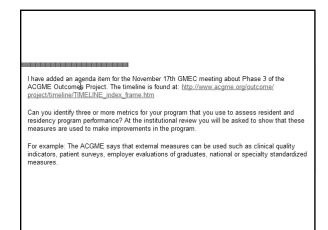
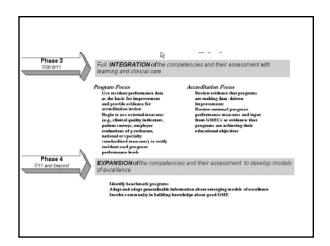
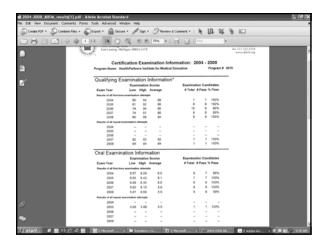
Regions Emergency Medicine Residency

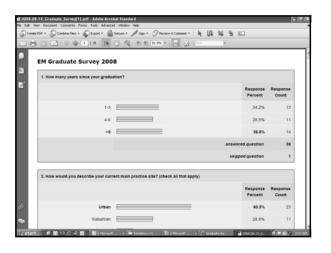
Report on Residency Performance Metrics to GMEC

November 17, 2009 Felix Ankel, MD









Institutional Requirement IV.A.4.g. Annual program improvement efforts

- Resident performance using aggregated resident data
- Faculty development
- Graduate performance, including performance of program graduates on the certification examination
- Program quality (common program requirements, V.C.)

Resident performance using aggregated resident data

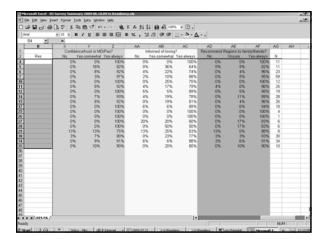
- EM resident self evaluation
- EM faculty evaluation
- ED nursing evaluation
- Off-service evaluation
- Oral examinations
- ABEM In-training exam results
- Procedure log
- Shift audit

Resident performance using aggregated resident data (cont.)

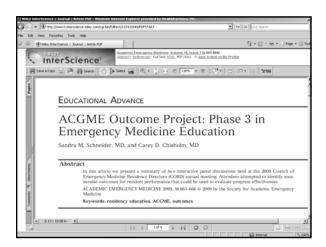
- Patient follow-up
- Conference attendance
- Core content exams
- Faculty evaluations
- Program evaluation
- Delinquent charts

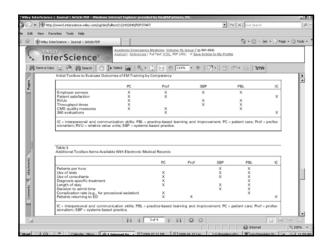
Other

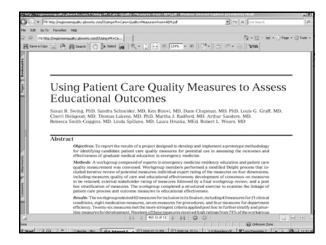
- ABEM certification pass rate
- ACGME annual survey
- ACGME RRC review
- Patient satisfaction scores

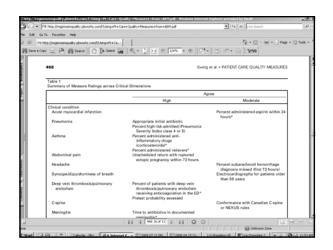


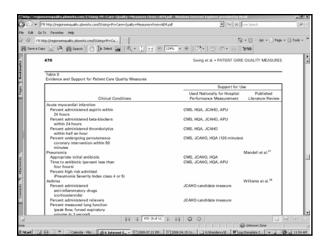
What are the next steps?

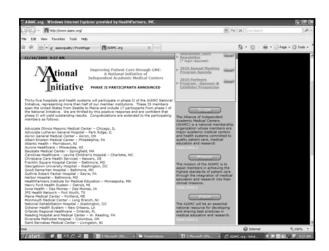


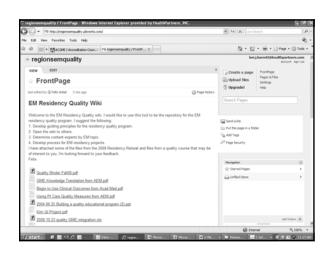




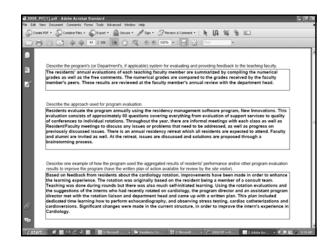


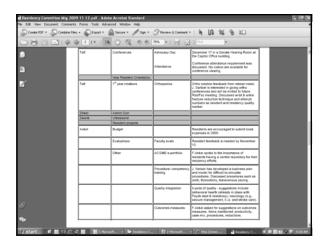


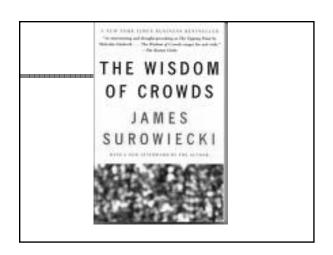


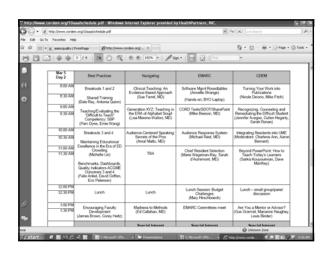


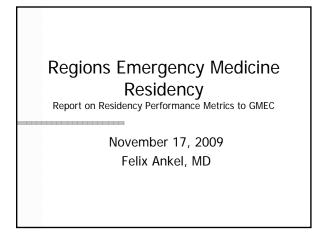












NAME DASHBOARD FOR SEMI-ANNUAL EVALUATION MEETING DATE

	General Competencies								Benchmark /	Performance relative
Assessment Tool	MK	PC	ICS	Prof	SBP	PBLI	Definition	Resident's Performance	Residency Aver. (SD)	to Benchmark (Meets / Does Not Meet / Not Applicable)
ED End of Shift Cards								MK ME	ME	ME
							l 5	PC ME	ME	ME
							Dichotomous	ICS ME	ME	ME
							evaluation completed after each ED shift	Prof. ME	ME	ME
							arter each ED Shiit	SBP ME	ME	ME
								PBLI ME	ME	ME
Self Assessment								MK 6	5/6.00 <u>+</u> (0.00)	ME
							9-option items	PC 7	5/6.60 <u>+</u> (0.55)	ME
							completed at end of	ICS 7	5/7.40 <u>+</u> (0.55)	ME
							each off service	Prof. 7	5/7.00 <u>+</u> (1.00)	ME
							rotation	SBP 6	5/5.80 <u>+</u> (0.45)	ME
								PBLI 7	5/6.80 <u>+</u> (0.45)	ME
Off-Service Global								MK 7.17	5/7.39 <u>+</u> (1.09)	ME
Assessment								PC(O) 7.29	5/7.84 <u>+</u> (0.97)	ME
							9-option items	PC(PS) 7.00	5/7.76 <u>+</u> (1.15)	ME
							completed semi-	ICS 7.43	5/7.91 <u>+</u> (0.94)	ME
							annually	Prof. 7.71	5/8.13 <u>+</u> (0.86)	ME
								SBP 7.17	5/7.90 <u>+</u> (1.06)	ME
								PBLI 7.40	5/7.85 <u>+</u> (1.12)	ME
SDOT							26 item competency	MK	3/4.40 (0.55)	
							based checklist	PC	3/4.80 (0.45)	
							developed by CORD	ICS	3/4.80 (0.45)	
							along with a 5-option	Prof.	3/5.00 (0.00)	
							global assessment	SBP	3/4.40 (0.55)	
Patient Healthcare							6x6 grid addressing			
Matrix							patient safety aims	ME	Completed	ME
							developed by			
							Bingham & Quinn			
Follow-up Case Write-up							1 page clinical case			
							description with	ME	Completed	ME
							clinical pearls			
QI Project							Completion of EM QI		Completed	Must be completed
							project		•	prior to graduation
Simulated Resusc							14 item checklist		Completed	<u> </u>

		Ge	neral C	ompet	encies	i			Benchmark % /	Performance relative	
Assessment Tool	MK	РС	ICS	Prof	SBP	PBLI	Definition	Resident's Performance	Residency Aver. (SD)	to Benchmark (Meets / Does Not Meet / Not Applicable)	
Airway Competency							17 item checklist		Competent		
Resusc Competency							14 item checklist	1	Competent	ME	
Chief Complaint Compete	ency										
Abdominal							Chart review with	1	Completed	ME	
Chest Pain							faculty member	1	Completed	ME	
Altered Mental Status							oversight		Completed		
CORD Tests	-										
Infectious Disease								83.33	75 / 68.80 <u>+</u> 12.5	ME	
Anesthesia							Standardized MCQ	85.00	75 / 79.00 + 11.1	ME	
Urogenital-GYN							test developed by	73.33	75 / 74.90 + 10.6	DNM	
Clinical Pharmacology							CORD	76.00	75 / 76.80 + 12.1	ME	
Psychobehavioral								80.00	75 /	ME	
Oral Boards							Simulated Oral Boards Cases		Avg: 5.75 High/Low: 5.00		
Inservice Examination							Standardized MCQ test developed by ABEM		75		
Procedure write-up							Educational module for an assigned procedure		Completed		
Certifications											
BLS								Exp. 6/2010	Current certification	ME	
ACLS							Maintain current	Exp. 6/2010	Current certification	ME	
APLS							certifications	Exp. 7/2010	Current certification	ME	
ATLS								Exp. 12/2012	Current certification	ME	
Medical Records							Chart completion	ME	100%	ME	
Ambulance Ride Along							4 hours / year		Completed		
Sexual Assault							Complete 2 Forensic Exams		Completed		
Conference Attendance							Mandatory – excused for vacation / illness	100%	90% ME		

		Outcomes		
Outcome	What level measured? (Resident, Residency, ED, Hospital)	Competencies measured? (PC, MK, PBL,ICS,Prof,SBP)	Importance (low, medium, high)	Feasibility (low, medium, high)
Patients seen per hour	Resident Residency ED	PC,SBP	High	High
Alumni survey	Resident Residency	PC,MK,PBL,ICS,Prof	High	?
Employer survey	Resident Residency	PC,MK,PBL,ICS,Prof	High	?
Patient satisfaction	Resident Residency ED	PC,ICS,Prof	High	Very institution dependent for resident High for ED
ASA in MI	Resident ED	PC	High	High but may be outcome of system and not individual
Intubation success	Resident Residency	PC	High	High
Appropriate US use	Resident Residency	PC	High	?
Central line complication	Resident Residency ED	PC	High	?
Correct ED diagnosis	Resident Residency ED	PC,MK	High	Low
QI Score	Resident Residency	PC, MK, SBP	High	Institution dependent
Pain management	Resident Residency ED	PC	High	?
Faculty evaluation/quarter				
Conference attendance				
Peer review publications				
Downcoded charts				
Documentation of reassessment	Resident			

Emergency Residency Scorecard						
	_					
PEOPLE	Current	Additiona	Data if Avai	lable		Notes
Resident-Support of residency, are you content here, would you recommend						
this program to others? (1-3 below, 4-6 meets, 7-9 exceeds) Resident-Overall program rating by residents (1-3 below, 4-6 meets, 7-9 exceeds)	8.1 7.7					
Resident-Overall quality of EM faculty (1-3 below, 4-6 meets, 7-9 exceeds)	7.7					
Faculty-Overall satisfaction with residency program	n/a					
Faculty-rate the overall quality of residency program (1-3 below, 4-6 meets,	7.8					
7-9 exceeds Board scores		Low	High	2007	2006	
Qualifying Exam Info (average)	84.00	80.00			86.00	
Oral Exam Info (average)	5.90	5.47			6.00	
Resident skills base on faculty feedback (1-3 below, 4-6 meets, 7-9 exceeds)		G1	G2	G3		
Patient care-provide appropriate and effective treatment for patients	7.0	6.9 7.1				
Patient care-compasssionate patient care Practice based learning-investigate & eval pt. care practices, appraises &	1.2		7.0	7.4		
assimilates scientific evidence (ie. evidence based test ordering)	6.9	6.7	6.7	7.4		
Medical knowledge-demonstrates knowledge of sciences & applies	6.9	6.7	6.6			
Interpersonal & communication skills-result in effective info exchange	7.1	7.1				
Resuscitation performance Overall evaluation of resident-has person progressed	7.0	6.9		7.5 7.4		
Overali avaluation of resident-flas person progressed	7.0	б.	0.7	7.4		
EXPERIENCE						
Patient satisfaction by resident		G1	G2	G3		
Would you recommend ED to family and friends (yes-definitely)	94%	949	6 94%	95%		
Welcome by PA/Resident (yes-always)	96%	979		·		
Confidence and trust in doctors/physician assistants (yes-always) Informed of timing (yes-always)	95% 85%	949				
Would you recommend ED to family and friends (no)	2%	69		·		
Welcome by PA/Resident (no)	1%	39				
Confidence and trust in doctors/physician assistants (no)	2%	69		·		
Informed of timing (no)	4%	09	6 7%	3%		
Complaints per 1000 ED visits	2.66					
QUALITY			-			
		G1	G2	G3		
Patient Visits (6 months)	13,742	2,06	· · · · · · · · · · · · · · · · · · ·	·		
Patients per Hour (6 months)	1.03	0.7				
WRVUs/hour (6 months) Levels of billing	2.97 n/a	2.1	2.99	3.34		
Ultrasound billings by resident (# per 1000 ed visits)	174					
		G1	G2	G3		
Length of stay discharges (minutes)	242	25				
Length of stay admissions (minutes)	290	30	4 282	283		
ED return rates	n/a					
Consult rates per ed visit	n/a					
X-ray rates per 1000 ed visit	282.1					data by resident inaccurate due to EPIC flow
						whereby authorizing overrides ordering
CT rates per 1000 ed visits	107.2					
MR rates per 1000 ed visits	107.2					
Ultrasound rates per 1000 ed visits (non ED performed)	53.2					
Lab rates per ed visit (expand)	n/a					
Room ratios resident to senior staff ratios						<u> </u>
Room ratios, resident to senior staff ratios resident to doc						
midlevel to doc						
rooms/resident						
rooms/midlevel						
STEWARDSHIP	-		+			
STEWARDSHIP Residency funding per resident to organizational actifu	105 104					-
Residency funding per resident - to organizational entity Direct dept faculty funding/resident, \$ to dept to provide residency	185,184 43,148					
Resident salary & benefits/resident	66,945					
Other direct expenses/resident	12,733					
Indirect expenses/resident	62,358					
Marketing/Sales \$'s / resident per year						
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		1		·	 	<u> </u>
Market research \$'s on resident selection process (last 4 years) Program development \$'s / resident per year					<u> </u>	L
Market research \$'s on resident selection process (last 4 years) Program development \$'s / resident per year						
Market research \$'s on resident selection process (last 4 years) Program development \$'s / resident per year Alumni donations per year (\$'s)						
Market research \$'s on resident selection process (last 4 years) Program development \$'s / resident per year Alumni donations per year (\$'s) Alumni time donations (hours)						
Market research \$'s on resident selection process (last 4 years) Program development \$'s / resident per year Alumni donations per year (\$'s) Alumni time donations (hours) Applicant counts						
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