Site: Patient Volume Strata: Large Site PI: Title: (small) <110 pt/day (medium) 110-180 pt/day

Title: Medical Director, Department of Emergency Medicine		<110 pt/day	110-180 pt/day	181-350 pt/day
REPORTED DATA CALCULATED DATA		·		
ED CTAFFING		Posmonso	All Donts	Similar Pt Volume
ED STAFFING 1. Average hours of attending coverage per 24hrs		Response 87.6	All Depts	78.9
1. Average nours of attenuing coverage per 241113	Patients per attending			
	hour/day	2.3	2.9	3.1
2. Average resident hours of coverage per 24 hr		138.4	77.3	107.1
	Residents per attending	1.6	1.2	1.4
Average PA/NP hours of coverage per 24 hr	hr/day	12.0	25.0	33.2
3. Average PA/W Hours of coverage per 24 III	PA/NP per attending hour/day	12.0	25.0	33.2
		0.1	0.4	0.4
Resident/PA/NP hrs per attending hours per day		1.7	1.7	1.8
	Patients/(Phys&Extender hours) [Patients per day/(Attending/Resident/PA/NP hours per day)]	0.9	1.2	1.2
4. Nursing hours of coverage per 24 hrs		360.0	287.8	379.1
	Patients per RN hour/day	1.8	1.6	1.6
5. Is your nursing staff unionized?		Yes	33.3%	45.5%
6. Are your physicians employees of the hospital?		Yes	52.2%	70.0%
7. Hours per year for a full physician faculty time equivalent (FTE)?		1400	1479	1488
24		No	87.5%	90.9%
throughput/volume?		N/A	12.5% Group, 12.5% Nonincentive	9.1% Group, 9.1% No Incentive
PATIENTS, CARE SPACE, DISPOSITION				
Average daily patient volume		203	179	243
10. Annual emergency department (ED) volume		74,120	65,775	89,161
11. Average ED Length of Stay	Admitted patients	7.4	6.3	6.5
(LOS) for:	Observation patients	6.1	9.6	5.1
12. Average number of boarders in the ED per 24	Discharged patients	3.3	3.2	3.2
hrs period		64.5	51.8	93.5
13. ED size (square footage)		24,902	23,307	29,250
	Patients per square foot per year		3.3	3.5
14. Number of ED beds		33.0	39.2	44.2
	Patients per ED bed/day	6.2	4.6	5.5
15. Number of hospital beds		635	474	566
16. ED discharge rate		44.3%	73.0%	72.1%
17. ED left without being seen (LWBS) rate		3.4%	4.3%	3.0%
18. ED left without completing treatment (LWCT) rate		0.9%	1.3%	0.8%
19. Do you have an observation unit?		Yes	41.7%	54.5%
	If yes, is it staffed by EM physicians?	Yes	37.5%	25.0%

percentages are reported as percent "yes" responses
 N/R = not reported

20. Admission rates?	Inpatient (Regular or inpatient observation admit)	21.6%	24.0%	21.9%
	ED Observation Unit	N/A	14.4%	24.7%
21. Percentage of admitted hospital patients from the ED?		52.0%	61.5%	62.3%
22. Hospital average operating occupancy (percentage bed occupancy)		81.0%	79.8%	78.0%
23. Are you part of a research institution or academic medical center?		Yes	91.7%	90.9%
	If yes which (include the name):	Cooper University Hospital		
24. Trauma center designation		Level 1	1.15	1.3

Site: Site PI: Title:

Medical Director, Department of Emergency Medicine

REPORT	ED DATA	CALCULATED DATA			
OCUMENTATION & BILLIN	IG		Response	All Depts	Similar Pt Volume
5. Hospital case mix index			1.52	1.58	1.5
26. ED case mix index (CMI)			1.76	1.69	1.87
	Level 1		0.6%	2.7%	1.0%
7. ED APC level	Level 2		19.2%	7.4%	8.3%
distribution	Level 3		45.5%	31.0%	27.3%
distribution	Level 4		33.2%	32.8%	37.9%
	Level 5		4.5%	23.3%	20.0%
	Medicaid		9.5%	23.6%	28.2%
8. What is your	Medicare only		7.5%	22.1%	19.7%
Payer mix (%):	Insured		12.8%	35.6%	28.1%
. 470 (70).	Self Pay		69.8%	15.6%	21.0%
	Other		<1%	3.2%	3.6%
	Free hand written		No	12.5%	0.0%
	Written template		No	12.5%	18.2%
	Computer free-type	-	No	33.3%	27.3%
	Computer template	-	Yes	62.5%	54.5%
	Scribe		No	4.2%	0.0%
9. Physician	Dictated		No	25.0%	9.1%
documentation	Other		No	4.3% 21.4%Tsystem	9.1%
methods?	Please note the brand of any system that you use:		Epic	14.3%Epic 14.3%Cerner 7.1%PICIS 7.1%Medhost 7.1%InternalDevelop 7.1%Forerun 7.1%Quadramed 7.1%ePowerDoc 7.1%Dragon/Powernote	28.3%Tsystem 14.3%Medhost 14.3%Quadramed 14.3%ePowerDoc 14.3%Cerner 14.3%Epic
URN AROUND TIME					
		CBC	271.0	48.5	59.0
		Chem 10	256.0	69.0	78.0
	() ·	CXR	44.5	61.4	50.0
Average turn around tir	ne (TAT) in	Troponin	173.0	65.5	68.4
minutes:		Urinalysis	183.0	75.9	79.0
		BNP	130.0	79.4	89.6
		Abdominal CT	305.0	175.4	201.6
31. Percentage of patients with imaging that			18.7%	37.3%	32.7%
get a Xray 2. Percentage of patients to	that got a CT		17.5%	18.6%	17.0%
3. Percentage of patients		-	1.5%	1.5%	1.1%
4. Percent of patients with			53.5%	56.1%	49.4%
ROCESS IMPROVEMENT	Tab testing		33.370	30.170	49.470
5. Patient flow		If Yes, was it	Yes; 8/2012; Yes	82.6%	60.0%
Patient space	utilization	successful?	Yes; 8/2012; Yes	56.5%	40.0%
Fast Track	atmedia.		No	52.2%	40.0%
Observation I	Medicine	1	No	43.5%	40.0%
Laboratory		1	No	69.6%	60.0%
Radiology		1	No	56.5%	60.0%
	ommunication	†	No	43.5%	30.0%
Consultant Communication Admission Process		1	No	78.3%	80.0%
	0000	1	No	78.3%	80.0%
Triage		=	140	70.570	55.070
	Other:				

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	REPORTED DATA	CALCULATED DATA			
TRIAGE			Response	All Depts	Similar Pt Volume
	Nursing triage		Yes	87.5%	100.0%
	Direct to room	_	No	62.5%	54.5%
	Physician triage	-	No	4.2%	0.0%
	A combination of the above (if so, which)		No	54.2%	54.5%
36. ED Triage Models Used	Explanation:		N/A		
	Other:		N/A		
37. Have you	changed your triage model in the past		Yes	79.2%	63.6%
10 years? If yes, what was the change			Full triage to "Quick Look." Reduced the amount of data collected in triage thus reducing triage time.	73.3% Direct to room 53.3% Other changes 33.3% Combination 6.7% Physician triage	71.4% Direct to room 57.1% Combination 42.3% Other changes 0% Physician triage
	question 37, what was your OS (in hours) before the change?				
	Admitted Patients		7.00	6.3	6.2
	ED Obs Patients (if applicable)		3.30	3.3	3.3
	Discharged Patients		N/R	3.6	3.6
	question 37, what was your OS (in hours) 1 year after the change?				
	Admitted patients		8.40	6.0	6.2
		Admitted Pt LOS Reduction	-1.40	0.3	0.0
	ED Obs patients (if applicable)		2.70	2.7	2.7
		ED Obs Pt LOS Reduction	0.60	0.6	0.6
	Discharged patients		N/R	2.9	2.8
		Discharged Pt LOS Reduction	N/R	0.6	0.8
40. Do you have case managers available to your ED?			Yes	86.4%	80.0%
41. Are you a					
	See that a particular patient has previously been in your (or another ED) within the past 12 months?		Yes	100.0%	100.0%
	Quantify the number of visits they have had in the prior 12 months?		Yes	95.8%	90.9%
	Sort these patients out from your total patient population?		Yes	73.9%	63.6%

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ACS AND AHFS MANAGEMENT			Response	All Depts	Similar Pt Volume
42. What is your troponin assay manufacturer)?	r (type and		Roche Elecsys T	61% Troponin I 39% Troponin T	80% Troponin I 20% Troponin T
13. Estimated ROMI Troponin Interval (hours)			6.10	4.9	5.1
44. What proportion of patients with acute decompensated heart failure exacerbations do you discharge home?			0.0%	8.2%	4.4%
45. Do you ever use CCTA for your R/O ACS patients?			No	21.7%	9.1%
46. Do you routinely risk stratify ED patients, being considered for ACS as the cause of their symptoms, to establish a pre-testing probability?			No	79.2%	90.9%
	47. Does your department have an established definition for a "low risk" patient amongst those		Yes	43.5%	72.7%
48. How do you identify patients who should receive an EKG within 10 min of arrival in ED?		CP=chest pain Assoc.Sx=associated symptoms	Triage Protocol	41.7% CP+Age+Assoc.Sx 25% CP Only 20.8% CP+Assoc.Sx 12.5%CP+Age	45.5% CP+Age+Assoc.Sx 18.2% CP Only 18.2% CP+Assoc.Sx 18.2%CP+Age
49. What are the top 3 provacative testing or coronary imaging modalities used by your institution?	1		Persantine Stress w/ Tech	37.5% Stress Echo 33.3% ETT 25% Nuclear 4.1% Cath	45.5% ETT 36.4% Nuclear 18.2% Stress Echo 0% Cath
	2		Exercise Stress Echo	52.2% Nuclear 34.8% Stress Echo 8.8% Cath 4.3% ETT	40.0 % Stress Echo 40.0% Nuclear 20.0% Cath 0% ETT
	3		Exercise Stress Echo w/ Tech	36.4% Nuclear 27.3% Stress Echo 18.2% ETT 18.3% Cath	50.0% Stress Echo 40.0% Nuclear 10.0% ETT 0% Cath
50. Of the patients who are	During their ED Stay		2.8%	3.6%	4.0%
referred for provacative testing, what percentage receive this:	Through an obeservation unit stay	=	97.2%	71.6%	76.1%
	During an inpatient		N/A	24.9%	22.0%
51. For low-risk ED patients being evaluated for potential ACS, what is your hospital system's first-line provacative test and/or coronary imaging?			Exercise Stress Echo	40.9% Nuclear 31.8% Stress 22.7% Stress Echo 4.5% Cath	45.5% Nuclear 27.3% Stress 27.3% Stress Echo 0 % Cath
52. Do you have criteria to guide the use of provacative ischemia and coronary imaging modalities avaiable to you, for the evaluation of myocardial ischemia?			No	25.0%	27.3%