

Attachment 6A.1 Description of the Chicago Pediatric Quality and Safety Consortium Hospitals

CPQSC: Institution Characteristics

	Advocate – Oak Lawn	Advocate – Park Ridge	Lurie Children’s	Prentice	Mount Sinai	Stroger
Type of Institution	Children’s Hospital with pediatric residency program and fellowships in Pediatric Critical Care and Pediatric Cardiology	Children’s Hospital with pediatric residency program and fellowships in Pediatric Critical Care and Neonatology	Children’s Hospital with pediatric residency programs and fellowships in Allergy/Immunology, Academic Pediatrics & Primary Care, Anesthesia, Cardiology, Child Abuse Pediatrics, Child & Adolescent Psychiatry, Child Neurology, Dentistry, Congenital Cardiac Surgery, Dermatology, Critical Care Medicine, Emergency Medicine, Endocrinology, Heart Transplant, Gastroenterology, Medical Imaging, Neonatology, Ophthalmology, Hematology/Oncology, Neurooncology, Neurosurgery, Infectious Diseases, Kidney Diseases, Pathology, Neurocritical Care,	Birth hospital	Children’s hospital within a hospital with a pediatric residency training program. A safety net hospital.	Public Safety Net

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			Otolaryngology, Pediatric Surgery, Rheumatology, Sports Medicine, Pulmonary Medicine, Regional Anesthesia, Surgical Critical Care, Transplant Hepatology, Urology			
Number of pediatric beds	89 (including 44 normal newborn beds)	160 (including 51 normal newborn beds)	288	0	29	40
Number of NICU beds	32	54	42	90	39	52
Number of PICU beds	24	17	40	0	8	10
Pediatric ED	Combined Pediatric/Adult ED; Pediatric ED MD always available	Separate Pediatric ED attached to Adult ED. Pediatric ED MD available 24/7.	Free standing separate Pediatric ED, Pediatric ED MD available 24/7	None	There's a place for children to be seen as part of the adult ED.	20,000 visits annually; separate from adult ED, staffed by pediatric emergency medicine specialists and pediatricians
Annual number of pediatric admissions	6,502 (including 2,862 normal newborn admissions)	7,296 (including 3,796 normal newborn admissions)	11,291	0	4,800 including 2,500 newborn admissions	2,500
Annual number of out-patient visits	40,107	50,930	426,429	0	19,500	25,000
Subspecialties include Neonatology	Yes	Yes	Yes	No pediatric	Yes	Yes

Age at time of developmental screen (must be between 6 and 36 months) - same value as column K	Evidence that a developmental screen was administered during a well-child visit* (yes - 1/ no - 2)	Evidence of developmental screening using a validated tool* (yes - 1/ no - 2)	Date of developmental screen	Documentation in the chart of a discussion of the developmental screen by a primary care clinician on the same day as the screening visit*(yes - 1/ no - 2)
12 mos	1	1	8/4/2012	1
9 mos	1	1	12/1/2013	1
24 mos	1	1	1/15/2014	1
7 mos	1	1	5/23/2014	2
0				
0				
0				
0				
0				
0				
0				

IF MULTIPLE REFERRALS: Date that referral for follow-up care was provided to patient (not date of actual appointment)*	IF MULTIPLE REFERRALS: Type of referral:	IF MULTIPLE REFERRALS: Type of referral: Other, please specify	IF MULTIPLE REFERRALS: Date that referral for follow-up care was provided to patient (not date of actual appointment)*	IF MULTIPLE REFERRALS: Type of referral:	IF MULTIPLE REFERRALS: Type of referral: Other, please specify
-	None		-	None	
-	None		-	None	
-	None		-	None	
-	None		-	None	

Evidence in the chart that the patient was referred for follow-up services but did not continue care in the medical home where diagnosed* (yes - 1/ no - 2)	Evidence in the chart that the patient did not attend any visit(s) for follow-up services* (yes - 1/ no - 2)	Evidence in the chart that patient has already received or is receiving therapy, intervention, or education that would also be applicable for developmental delay follow-up care* (yes - 1/ no - 2)	Comments?
2	2	2	
2	2	2	
2	2	2	
2	2	1	

Attachment 6A.3 Results from Chart Abstraction

Table 1. Demographic Information

	N	%
Female	68	48.57%
Male	72	51.42%
Age at Screen		
6-9 months	80	57.14%
10-18 months	32	22.86%
19-36 months	28	20.00%
Race		
White	45	32.14%
Black	43	30.71%
Hispanic	20	14.29%
Other	11	7.86%
Unknown	21	15.00%
Insurance		
Medicaid	90	64.29%
Private	45	32.14%
Missing	5	3.57%
Primary Language		
English	135	95.74%
Non-English	6	4.26%

Table 2. Follow-up After Screening by Race (All sites) and by center

	Reviewer 1	Reviewer 2
All Centers		
White	73.17%	80.49%
Black	12.50%	71.43%
Hispanic	50.00%	60.00%
Other	87.50%	75.00%
Unknown	47.06%	70.59%
Centers		
Site A	80.70%	80.70%
Site B	6.25%	43.75%
Site C	83.33%	83.33%
Site D	0.00%	40.00%

Table 3. Kappa Values for Meeting the Measures

	Reviewer 2 - Met the Measure								
	Used Validated tool		Follow-up with Fam.		Referral After Positive Screen		Follow-up after Referral		
	Yes	No	Yes	No	Yes	No	Yes	No	
Reviewer 1 - Met the Measure									
Yes	80	6	45	7	4	2	1	1	
	56.74%	4.26%	50.56%	7.87%	26.67%	13.33%	14.29%	14.29%	
No	3	52	17	20	2	7	2	3	
	2.13%	36.88%	19.10%	22.47%	13.33%	46.67%	28.57%	42.86%	
Kappa	0.8672		0.4224		0.3778		0.087		

Table 4. Overall Measure Performance

	All Sites				Site A				Site B				Site C				Site D			
	Reviewer group A		Reviewer group B		Reviewer 1		Reviewer 2		Reviewer 3		Reviewer 4		Reviewer 5		Reviewer 6		Reviewer 7		Reviewer 8	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Use Validated Tool	141	60.99%	141	58.87%	57	100.00%	57	100.00%	17	94.12%	17	94.12%	10	50.00%	10	60.00%	57	14.04%	57	7.02%
Follow-up Discussion with Fam	89	58.43%	89	69.66%	57	80.70%	57	80.70%	16	6.25%	16	43.75%	6	83.33%	6	83.33%	10	0.00%	10	40.00%
Referral After Positive Screen	15	40.00%	16	37.50%	13	30.77%	14	28.57%	1	100.00%	1	100.00%	1	100.00%	1	100.00%	0	n/a	0	n/a
Follow-up after Referral	7	28.57%	7	42.86%	5	40.00%	5	40.00%	1	0.00%	1	100.00%	1	0.00%	1	0.00%	0	n/a	0	n/a