PEDIATRIC READINESS ASSESSMENT

Before we begin, please provide us with the following information, in case we need to contact you to clarify any of your responses:

1.	Name:	
2.	Title/Position:	
3.	Phone number:	
4.	Email:	
5.	Name of your facility/hospital:	
6.	Address of your facility/hospital:	
7.	City your facility/hospital is located in:	
8.	Zip code of your facility/hospital:	
	this point forward, we will <u>use the term hospital</u> to indicate a hospital or te the Emergency Department is located.	· facility
9.	Does your hospital have an emergency department (ED) that is open 24/7?)
	Yes No ——— (You do not need to complete the assessment. Thank you for you	ır time.)
	e first few questions will help us understand the infrastructure of your ital/facility and emergency department.	
10	D. Which of the following best describes your hospital? (Choose one)	
	General Hospital (a non-specialized facility treating adults and chilal medical and trauma conditions)	dren for
	Children's Hospital within a General Hospital (children's hospital completely within a larger hospital which also sees adults)	l located
	Children's Hospital (a stand-alone, specialized facility which offers exclusively to children and adolescents)	services

Critical Access Hospital (a non-specialized facility that is typically thirty-five miles from another hospital and maintains no more than 25 inpatient beds)
☐ Micro-Hospital (small scale inpatient facility that typically maintains eight to 15 beds for observation and short-stay use for low-acuity patients)
☐ Satellite Emergency Department (a stand-alone facility providing emergency department services, basic imaging and laboratory services that is affiliated with a hospital)
Free-Standing Emergency Department (a stand-alone facility providing emergency department services, basic imaging and laboratory services that is independently owned and operated by a non-hospital for -profit entity)
Other
11. You answered "other," please describe your hospital's infrastructure:
12. Which <u>one</u> of the following is the best description of your ED configuration for the care of children (children as defined by your hospital)? (Choose one)
a. Pediatric ED in a Children's hospital (hospital cares ONLY for children)b. Separate pediatric ED in a hospital that treats both adults and children
c. General ED (pediatric and adult patients seen in same area)
d. Other
13. You answered "other", please describe your hospital's ED configuration for the care of children: EDConfig_Other_Comments
These next questions are about your hopital's trauma designation.
14. Is your hospital designated as a trauma center?
$ \begin{array}{ccc} $

15. Which of the following are used to verify your tra	numa center for designation?
a. American College of Surgeons	
b. State or Regional Level Entity (e.g., EM board/bureau, Department of Health)	S authority/governing
16. At what trauma level is your hospital currently de	esignated for adults? (Choose one)
c. 🗌 Adult Level I	
d. 🗌 Adult Level II	
e. 🗌 Adult Level III	
f. Adult Level IV	
g. 🔲 Adult Level V	
h. \square None of the above	
17. At what trauma level is your hospital currently done)	esignated for children? (Choose
i. Pediatric Level I	
j. Pediatric Level II	
k. None of the above	
Next we'd like to ask you some questions regarding y	our hopital's inpatient services.
18. Which of the following inpatient services does yo (Check Yes or No for each)	our hospital have on site?
a. Newborn nursery	Yes 🗌 No 🗌
b. Neonatal intensive care unit	Yes 🗌 No 🗌
c. Pediatric intensive care unit	Yes 🗌 No 🗌
d. Pediatric step-down unit	Yes 🗌 No 🗌
e. Pediatric inpatient ward	Yes 🗌 No 🗌
f. Adult intensive care unit (medical or surgical	al) Yes 🗌 No 🗌
g. Adult step-down unit	Yes 🗌 No 🗌
h. Adult inpatient ward	Yes 🗌 No 🗌

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Answer the following questions according to your hospital's definition of children.

If you answered yes to Adult Intensive Care Unit (medical or surgical) on Question 18: 19. Does your hospital ever admit children to the Adult Intensive Care Unit (medical or surgical)? Yes No
If you answered yes to Adult Step-Down Unit for Question 18: 20. Does your hospital ever admit children to the Adult Step-Down Unit? Yes No
If you answered yes to Adult Inpatient Ward for Question 18: 21. Does your hospital ever admit children to the Adult Inpatient Ward? Yes No
Administration and Coordination for the Care of Children
Pediatric Emergency Care Coordinators (PECCs) are individuals identified by ED or hospital leadership to oversee various administrative aspects of <i>pediatric</i> emergency care. When present, these individuals may be a physician, nurse, or advanced practice provider. The individuals filling the physician PECC role or the nurse PECC role may oversee more than one program, and/or be shared with other institutions.
Answers to the following questions will help us to better understand the resources available for the care of children in your ED.
Physician Administration/Coordination
22. Which one of the following statements best describes the presence of a <i>physician PECC</i> at your institution? (Choose one):
Our institution has a physician PECC that is filled by an MD or DO
Our institution has a physician PECC that is filled by an Advanced Practice Provider (e.g. Physician Assistant or Nurse Practitioner) with physician oversight
☐ Our institution does <i>NOT HAVE</i> a physician PECC at this time → Skip to Question 25

23. Is dedicated non-clinical time allotted to complete the tasks associated with the physician PECC role?
☐ Yes ☐ No
24. Which of the following statements best describes the scope of the physician PECC role? (Check one)
an individual who coordinates care only for your hospital EDan individual who coordinates care for your hospital ED as well as other hospital EDs
Nurse Administration/Coordination
25. Which of the following statements best describes the presence of a <i>nurse PECC</i> at your institution? (Choose one):
$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $
Our institution has a nurse PECC that is filled by a Nurse Practitioner.
☐ Our institution does <i>NOT HAVE</i> a nurse PECC at this time → Skip to Question 28
26. Is dedicated non-clinical time allotted to complete the tasks associated with this nurse PECC role?
☐ Yes ☐ No
27. Which of the following statements best describes the scope of the nurse PECC role? (Check one)
an individual who coordinates care only for your hospital EDan individual who coordinates care for your hospital ED as well as other hospital EDs

The following questions refer to personnel, quality improvement, and patient safety in the ED. If you have a separate pediatric ED, then answer based on resources for that area; if you do not have a separate pediatric ED, then answer based on the overall ED resources.

Personnel - Physicians

┌ □ ′	re a physician working on site in the ED 24/7? Yes No	
24/7 :	types of training/certification are required for <u>physician</u> and care for children? k Yes or No for each)	<u>s</u> who staff your ED
a.	Emergency medicine board eligible/certified	Yes No No
b.	Pediatric emergency medicine board eligible/certified	Yes 🗌 No 🗌
c.	Pediatrics board eligible/certified	Yes 🗌 No 🗌
d.	Family medicine board eligible/certified	Yes 🗌 No 🗌
e.	Internal medicine board eligible/certified	Yes 🗌 No 🗌
f.	Surgery board eligible/certified	Yes 🗌 No 🗌
g.	Board eligible/certified physician with other training	Yes 🗌 No 🗌
h.	Non-Board eligible/certified physician with other training	Yes No No
specif requin evalua	your hospital have a policy for <u>physician</u> credentialing the ic competencies for working in the ED (e.g., continuing extended the competencies of board certification, hospital spectations)? S Skip to Question 34	ducation
If yes, then w	which of the following are required?	
	nuing education requirements in pediatric emergency can s Y N	re PhysPolicy_ConEd

32. [2.5 points] Maintenance of board certification PhysPolicy_Board Yes Y No N
33. Hospital-specific competency evaluations (e.g., sedation and analgesia) PhysPolicy_Hosp
Yes Y No N
Personnel - Nurses
34. Does your hospital have a policy for <u>nurse</u> credentialing that requires pediatric-specific competencies for working in the ED (e.g., continuing education requirements, maintenance specialty certifications, hospital specific competency evaluations)?
$ \begin{array}{c} $
If yes, then which of the following are required?
35. Continuing education requirements in pediatric emergency care (e.g. ENPC, PALS) NursePolicy_ConEd
Yes Y No N
36. [2.5 points] Maintenance of specialty certification for nurses (e.g., CEN, CPEN) NursePolicy_SpecCert Yes Y No N
37. Hospital specific competency evaluations (e.g., triage, pain assessment) NursePolicy_Hosp
☐ Yes Y ☐ No N

Personnel - Advanced Practice Providers (Nurse Practitioners, Physician Assistants)

38. Does your hospital employ <u>advanced practice providers</u> (nurse practitioners and/or physician assistants) to provide care for children in the ED?
$ \begin{array}{ccc} $
39. Does your hospital staff policy for a <u>dvanced practice provider</u> credentialing require pediatric-specific competencies for working in the ED (e.g., continuing education requirements, maintenance of national speciality certification, hospital specific competency evaluations).
Yes
If yes, then which of the following are required?
40. Continuing education requirements in pediatric emergency care AdvPolicy_ConEd
Yes Y No N
41. Maintenance of national specialty certification AdvPolicy_SpecCert
☐ Yes Y ☐ No N
42. Hospital specific competency evaluations (e.g., pain assessment and management) AdvPolicy_Hosp
☐ Yes Y ☐ No N

Quality Improvement

pediat	your ED have a Quality Improvement/Performance Impr cric patients? (e.g. chart review, collection of pediatric em opment of a plan to improve pediatric emergency care, e	nergency care data,
$\int \Box \overset{Y}{\square} \overset{Y}{\bowtie}$	Yes No	
Perfor	are each of the following components included in the Qurance Improvement Plan? k Yes or No for each)	nality Improvement/
a.	Patient care review process (chart review)	Yes No No
b.	Identification of quality indicators for children (e.g., timely administration of steroids in acute or performing lumbar puncture on febrile neonates)	Yes No Sasthma exacerbation
C.	Collection and analysis of pediatric emergency care data (e.g., admissions, transfers, death in the ED, or return visits)	Yes No No
d.	Development of a plan for improvement in pediatric emergency care (e.g., process to ensure that variances in care are addressed through education or training and reassessed for evidence of improvement)	Yes No
e.	Re-evaluation of performance using outcomes-based measures (e.g., how often was pain rapidly controlled or fever properly treated?)	Yes No
Pediatric Pa	tient Safety in the ED	
	l children seen in the ED weighed in kilograms out conversion from pounds)?	Yes No No
	l children's weights recorded ED medical record in kilograms only?	Yes 🗌 No 🗌

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47. Are temperature, heart rate, and respiratory rate recorded on all children?	Yes 🗌 No 🗌
48. Is blood pressure monitoring available for children of all ages based on severity of illness?	Yes 🗌 No 🗌
49. Is pulse oximetry monitoring available for children of all ages based on severity of illness?	Yes 🗌 No 🗌
50. Is end tidal CO2 monitoring available for children of all ages based on severity of illness?	Yes 🗌 No 🗌
51. Is there a process in place for notification of physicians when abnormal vital signs are found?	Yes 🗌 No 🗌
52. Is a process in place for the use of pre-calculated drug dosing in all children?	Yes 🗌 No 🗌
53. Is a process in place that allows for 24/7 access to interpreter services in the ED?	Yes 🗌 No 🗌
54. Is level of consciousness (e.g. AVPU or GCS) assessed in all children?	Yes 🗌 No 🗌
55. Is level of pain assessed in all children?	Yes 🗌 No 🗌
Next we would like to know about policies and/or procedures that address the needs of children. These pediatric policies may be interested overall ED policy manual or may be listed separately. They should available to staff in the ED.	egrated into the
Policies and Procedures	
56. Does your ED have a triage policy that specifically addresses is children?	ll and injured
☐ Yes ☐ No	

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-	your ED have policies, procedures, or plans for each of the k Yes or No for each)	e following?
a.	Pediatric patient assessment and reassessment policies, procedures or plan	Yes No No
b.	Immunization assessment and management of the under-immunized child policies, procedures or pl	Yes 🗌 No 🗌 an
c.	Child maltreatment policies, procedures or plan	Yes 🗌 No 🗌
d.	Death of the child in the ED policies, procedures or plan	Yes No No
e.	Reduced-dose radiation for CT and x-ray imaging based on pediatric age or weight policies, procedures or plan	Yes No No
f.	Behavioral health issues policies, procedures or plan for children of all ages	Yes No No
with b	your ED have a written guideline for the transfer of childrochavioral health issues out of your facility to an appropri y Policies_Component_Behave	
-	your ED have social services policies, procedures or a planildren of all ages? Policies_Social	n Yes 🗌 No 🗌
Policies for l	Family Centered Care	
preser	your ED have a policy for promoting family-centered care nce, family involvement in clinical decision making, etc.) Yes No Skip to Question 62	? (e.g., family
1 – 1	NO - Ship to Question 02	

61. Does your ED's family-centered care policy include any of the following? (Check Yes or No for each)				
a.	Involving families and caregivers in patient care decision-making	Yes No No		
b.	Involving families and caregivers in medication safety processes	Yes No No		
C.	Family and guardian presence during all aspects of emergency care, including resuscitation	Yes No No		
d.	Education of the patient, family, and caregivers on treatment plan and disposition	Yes No No		
e.	Bereavement counseling	Yes 🗌 No 🗌		
Policies for	Disaster Planning			
62. Does your hospital disaster plan address issues specific to the care of children? (e.g., pediatric surge capacity, patient tracking and reunification, pediatric decontamination)				
Yes				
63. If yes, does your hospital disaster plan include each of the following? (Check Yes or No for each)				
a.	Availability of medications, vaccines (e.g., tetanus and influenza), equipment, supplies, and appropriate providers for children in disasters	Yes No No priately		
b.	Decontamination, isolation, and quarantine of families and children of all ages	Yes No No		
c.	Minimization of parent-child separation and methods for reuniting separated children with their families	Yes No No		

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		September 17, 2019
d. All disaster drills include pedi	atric patients	Yes No No
64. Pediatric surge capacity for both injunenting non-injured children	red and	Yes No No
65. Access to behavioral health therapies for children in the event of a disaster		Yes No No
66. Access to social services for children of a disaster	in the event	Yes No No
67. The care of children with special hea needs, including children with develo		Yes No No
Next we would like to know about your ho	spital's interfacility tran	sfer guidelines.
68. Does your hospital or medical facility outline procedural and administrativ of patients of all ages including child hospital?	e policies with other hosp	oitals for the transfer
Note: Compliance with EMTALA doe guidelines. The guidelines may be a transfer agreement document.	9	, ,
$ \int $	ı 70	
69. You answered that your hospital has indicate whether the guidelines inclu of patients for each item below. (Che	de the information specif	_
 Defined process for initiation roles and responsibilities of the referral center (including responsible transfer and communication) 	ne referring facility and	Yes 🗌 No 🗍
b. Process for selecting the appr	opriate care facility	Yes 🗌 No 🗍

	C.	service to match the patient's acuity level (level of care required by patient, equipment needed in transport, etc.)	Yes No
	d.	Process for patient transfer (including obtaining informed consent)	Yes No No
	e.	Plan for transfer of copy of patient medical record	Yes No No
	f.	Plan for transfer of copy of signed transport consent	Yes 🗌 No 🗌
	g.	Plan for transfer of personal belongings of the patient	Yes No No
	h.	Plan for provision of directions and referral institution information to family	Yes No
Next, we w	vou	ld like to know about your hospital's interfacility transfer ag	reements.
oth	er l	rour hospital or medical facility have written interfacility <u>agreen</u> nospitals for the transfer of patients of all ages including childre ot available at your hospital?	` ,
	Y	es o	

We would like to know about the equipment and supplies for children in your ED and how they are stored and resupplied. If you have not already printed the entire assessment, we recommend printing this portion of the assessment and taking it to your equipment and supply areas to complete to ensure accurate reporting.

Equipment and Supplies Management

71. Are all	ED staff trained on the location of all pediatric equipm	ent and medications?
=	Tes Io	
	re a <u>daily</u> method used to verify the proper location and ment and supplies?	stocking of pediatric
☐ Yes ☐ No		
	re a standardized chart or tool to estimate weight if resue of a weight scale (e.g., length-based tape)?	uscitation precludes
☐ Yes ☐ No	S	
Monitoring l	Equipment	
the ED	n of the following monitoring equipment items available o? k Yes or No for each)	e for immediate use in
a.	Neonatal blood pressure cuff	Yes 🗌 No 🗌
b.	Infant blood pressure cuff	Yes 🗌 No 🗌
c.	Child blood pressure cuff	Yes 🗌 No 🗌
d.	Defibrillator with pediatric and adult capabilities including pads/paddles	Yes No No
e.	Pulse oximeter with pediatric and adult probes	Yes No No
f.	Continuous end-tidal CO2 monitoring device	Yes No No

Resuscitation Equipment

	ch of the following fluid resuscitation equipment items avn the ED?	ailable fo	or immediate
(Chec	ck Yes or No for each)		
a.	22 gauge catheter-over-the-needle	Yes 🗌	No 🗌
b.	24 gauge catheter-over-the-needle	Yes 🗌	No 🗌
c.	Pediatric intra-osseus needles	Yes 🗌	No 🗌
d.	IV administration sets with calibrated chambers with the ability to regulate rate and volume of infusate (e.g. buretrol)	Yes 🗌	No 🗌
Airway Equ	ipment		
for in	ch of the following respiratory/airway management equinamediate use in the ED? ck Yes or No for each)	pment ite	ems available
a.	Endotracheal tubes: cuffed or uncuffed 2.5 mm	Yes 🗌	No 🗌
b.	Endotracheal tubes: cuffed or uncuffed 3.0 mm	Yes 🗌	No 🗌
C.	Endotracheal tubes: cuffed or uncuffed 3.5 mm	Yes 🗌	No 🗌
d.	Endotracheal tubes: cuffed or uncuffed 4.0 mm	Yes 🗌	No 🗌
e.	Endotracheal tubes: cuffed or uncuffed 4.5 mm	Yes 🗌	No 🗌
f.	Endotracheal tubes: cuffed or uncuffed 5.0 mm	Yes 🗌	No 🗌

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g.	Endotracheal tubes: cuffed or uncuffed 5.5 mm	Yes No No
h.	Endotracheal tubes: cuffed 6.0 mm	Yes No No
Airway Equ	ipment	
for in	ch of the following respiratory/airway management equip nmediate use in the ED? ck Yes or No for each)	pment items available
a.	Laryngoscope blades: straight, size 0	Yes No No
b.	Laryngoscope blades: straight, size 1	Yes No No
C.	Laryngoscope blades: straight, size 2	Yes No No
d.	Laryngoscope blades: curved, size 2	Yes No No
e.	Pediatric-sized Magill forceps	Yes No No
f.	Nasopharyngeal airways: infant-sized	Yes No No
g.	Nasopharyngeal airways: child-sized	Yes No No
h.	Oropharyngeal airways: size 0 (50mm)	Yes No No

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Airway Equipment

78. Is each of the following respiratory/airway management equipment items available for immediate use in the ED? (Check Yes or No for each) a. Bag-mask device, self-inflating: infant, 450 ml Yes | No | | b. Masks to fit bag-mask device adaptor: neonatal Yes No Yes No No c. Masks to fit bag-mask device adaptor: infant d. Masks to fit bag-mask device adaptor: child Yes No Yes No e. Simple oxygen face masks: standard infant Clear oxygen masks: standard child Yes No g. Non-rebreather masks: infant-sized Yes No h. Non-rebreather masks: child-sized Yes No

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Yes | No | |

Nasal cannulas: infant

j. Nasal cannulas: child

k. Suction catheters: at least one in range 6-8F

l. Suction catheters: at least one in range 10-12F

m. Supplies/kit for pediatric patients with difficult airways (e.g., supraglottic airways, needle cricothyrotomy supplies, surgical cricothyrotomy kit, and/or video laryngoscopy)

Please provide actual data or estimations of ED patient volume for the following:

79. Estimate the total number of patients (adult and pediatric) seen in your ED in the last year. (Numeric data only, e.g., 5000, not "five thousand")

Number of Total Patients

20. Estimate the number of pediatric patients (as defined by your begaited) seen in your

Number of Total Patients
80. Estimate the number of <u>pediatric</u> patients (as defined by your hospital) seen in your ED in the last year. (Choose one)
☐ Low: <1,800 pediatric patients (average of 5 or fewer a day)
☐ Medium: 1,800 – 4,999 pediatric patients (average of 6-13 a day)
☐ Medium to High: 5,000 – 9,999 pediatric patients (average of 14-26 a day)
☐ High: >=10,000 pediatric patients (average of 27 or more a day)
81. If you know the actual number or a more precise estimate of pediatric patients seen in your ED in the last year, please record below. (Numeric data only, e.g., 500, not "five hundred")
Number of Pediatric Patients: (not required)

Answers to the following questions will help us target efforts of the National Pediatric Readiness Project Coalition.

82. Please choose the resources which you feel are needed to support the role of pediatric emergency care coordinators. (Check all that apply) (not required)
☐ Job descriptions for pediatric emergency care coordinators (PECC)
$\hfill\Box$ Talking points for administration to support all pediatric readiness efforts, including the role of the PECC, in your facility
Specialized training for PECCs
Other
83. You answered "other", please describe:
84. Please choose the resources which you feel are needed to improve pediatric emergency care. (Check all that apply) (not required)
Access to evidence-based clinical pathways for children
☐ Template for a pediatric Quality Improvement Plan
☐ Template for all hazards disaster plans for children
☐ Template for pediatric surge planning
☐ Model policies and procedures for care of children
Other
85. You answered "other", please describe:

86. Please choose the resources which you feel are needed to improve staff comfort/preparedness to care for children in the ED. (Check all that apply) (not required)
Access to education for all staff caring for children (e.g., educational webinars/learning modules)
$\hfill \square$ Identify incentives for staff who improve pediatric emergency care for children in your ED
Access to simulation/mock codes to care for children
$\hfill \square$ Access to team training with all health care providers impacting pediatric emergency care
Other
87. You answered "other", please describe:
88. Please choose the resources which you feel are needed to improve ED infrastructure. (Check all that apply) (not required)
Optimization of electronic medical records to facilitate patient safety (e.g., calculation of dosing to reduce error, vital signs or symptom-based alerts)
Optimization of equipment to facilitate patient safety (e.g., scales)
☐ Other

90. Please choose the EXTERNAL resources which you feel are needed to improve the pediatric readiness of your ED. (Check all that apply) (not required)
Cost-calculator for items in the 2018 Pediatric Readiness Guidelines
Access to pediatric expertise – regionally through tele-medicine or on site
Development of a regional, state or national network for pediatric emergency care coordinators to share resources and best practices
☐ Model plan for regional or state recognition of facilities for pediatric readiness
Opportunities to participate in quality improvement collaborative(s)
Other
91. You answered "other", please describe:
92. If you have any comments regarding pediatric readiness, please note them here:

Thank you for your help with this important assessment!