

Welcome to the 5th Annual KPECC Meeting

March 3, 2021

THE KENTUCKY
PEDIATRIC
EMERGENCY
CARE COALITION

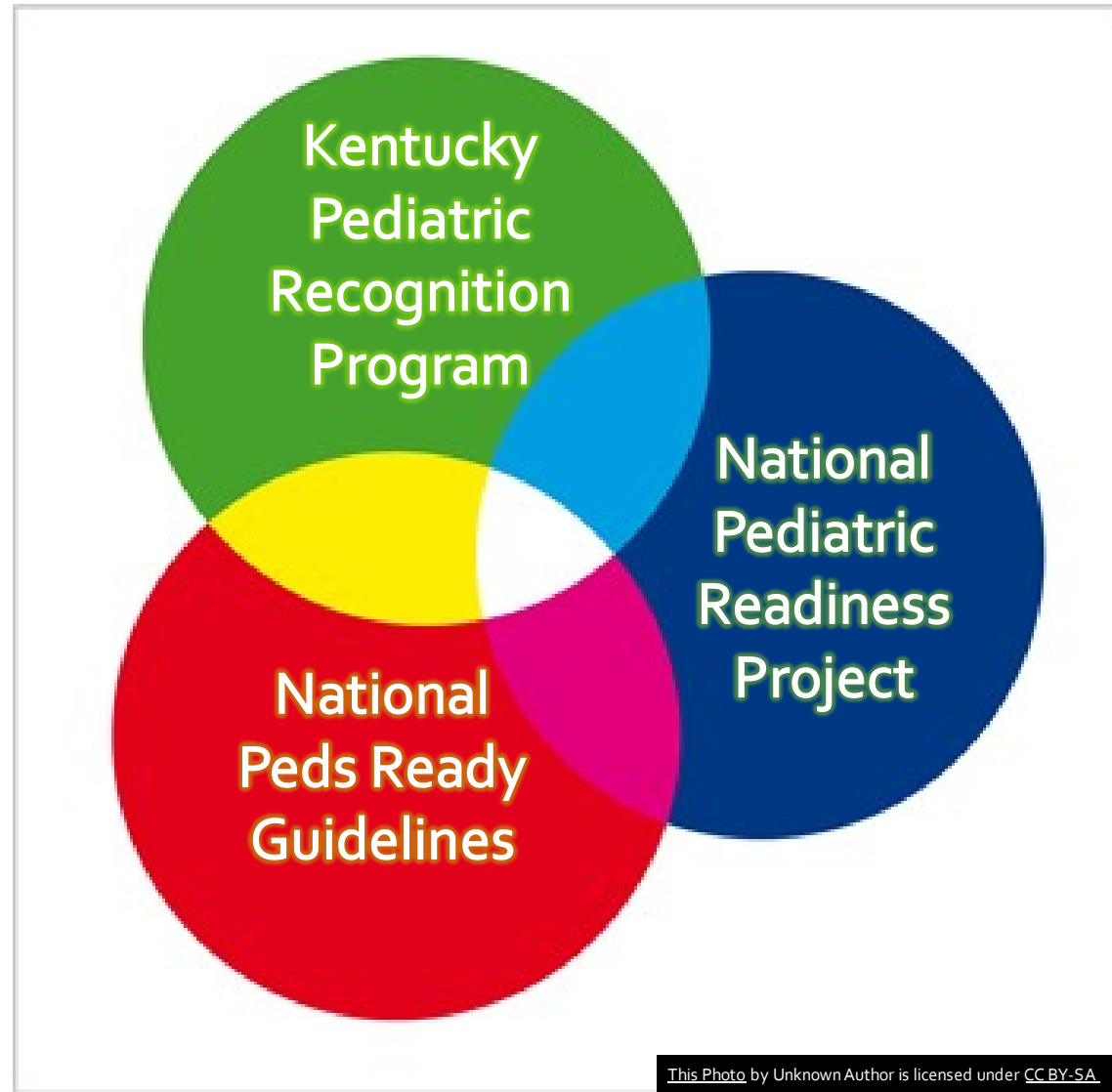


**Emergency Medical
Services for Children**

KPECC Update

Morgan Scaggs

Different (inter- connected) Programs





Building the
foundation

POLICY STATEMENT Organizational Principles to Guide and Define the Child Health Care System
and/or Improve the Health of all Children

American Academy
of Pediatrics



DEDICATED TO THE HEALTH OF ALL CHILDREN™

Pediatric Readiness in the Emergency Department

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Pediatric Readiness in the Emergency Department

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 - *Pediatrics*
 - *Annals of Emergency Medicine*
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Pediatric Readiness in the Emergency Department

This checklist is based on the American Academy of Pediatrics (AAP), American College of Emergency Physicians (ACEP), and Emergency Nurses Association (ENA) 2018 joint policy statement "Pediatric Readiness in the Emergency Department," which can be found online at: <https://pediatrics.aappublications.org/content/pediatrics/142/5/e20182459.full.pdf>. Use this tool to check if your hospital emergency department (ED) has the most critical components listed in this joint policy statement.

Administration and Coordination of the ED for the Care of Children

ED Policies, Procedures, and Protocols

- Physician Coordinator for Pediatric Emergency Care (PECC)*
 - Board certified/eligible in EM or PEM (preferred but not required for resource limited hospitals)

Policies, procedures, and protocols for the emergency care of children. *(These policies may be integrated into overall ED policies as long as pediatric-specific issues are addressed)*

Pediatric Readiness in the ED Checklist

- CPEN/CEN (*preferred*)
- Other credentials (e.g. CPN, CCRN)

- Consent, including when is not immediately available
- Social and behavioral health issues
- Physical or chemical restraint of patients

*An Advanced Practice Provider may serve in either of these

Improve Your ED's Readiness to Care for Children*

Equipment, Supplies, and Medications

Stock ED with appropriate-sized, easily accessible pediatric supplies and equipment for pediatric patients from newborn to adult ranges:

- Organize items logically
- Use a color-coded, weight-based, storage system
- Keep a fully stocked pediatric resuscitation cart readily accessible at all times



Competency in Pediatric Care

Ensure members of the healthcare team have the skills and knowledge to treat children of all ages and developmental stages:

- Periodically evaluate pediatric-specific competencies, including triage, medication administration, procedures, disaster preparedness, and handoff communication
- Use observation, written tests, and/ or chart reviews
- Pediatric board certification and pediatric emergency nursing certification is strongly encouraged.



Quality and Performance Improvement (QI/PI)

Implement a QI/PI plan that includes monitoring of outcomes-based pediatric-specific indicators.

- Integrate multidisciplinary QI/PI activities with:
 - prehospital agencies
 - inpatient pediatrics
 - trauma/injury prevention programs
 - pediatric critical care
- Use the Plan, Do, Study, Act method:
 - systematically review, identify, and mitigate variances in pediatric emergency care



Administration and Coordination for Care of Children

Identify Pediatric Emergency Care Coordinators (PECCs) to coordinate delivery and evaluation of pediatric care in the ED: An emergency physician and emergency nurse with demonstrated clinical competence and expertise in pediatric emergency care



Support Services for the ED

Ancillary services should have skills, equipment, and capability to provide care to pediatric patients:

- Radiology departments
 - develop protocols based on age and size of patients to reduce radiation exposure
- Clinical laboratories
 - facilitate testing for all ages of patients
 - ensure availability of microtechnology for small and limited samples
 - have transfer protocols for pediatric patients who exceed laboratory capabilities



Policies, Procedures and Protocols

Develop and implement age-specific policies, procedures, and protocols that also address children with special health care needs through:

- Local collaboration with regional pediatric centers
- Use of standard, evidence-based guidelines found on the EMSC Innovation and Improvement Center website: <https://emscimprovement.center/>



Pediatric Patient and Medication Safety

Establish a culture of safety and educate staff in pediatric-specific safety considerations:

- weigh all patients in kilograms, ideally with scales locked in kilograms
- take full set of vital signs
- use weight-based dosing
- provide for cultural sensitivity, interpreter services, and family-centered care
- implement patient identification policies
- monitor/evaluate patient safety events

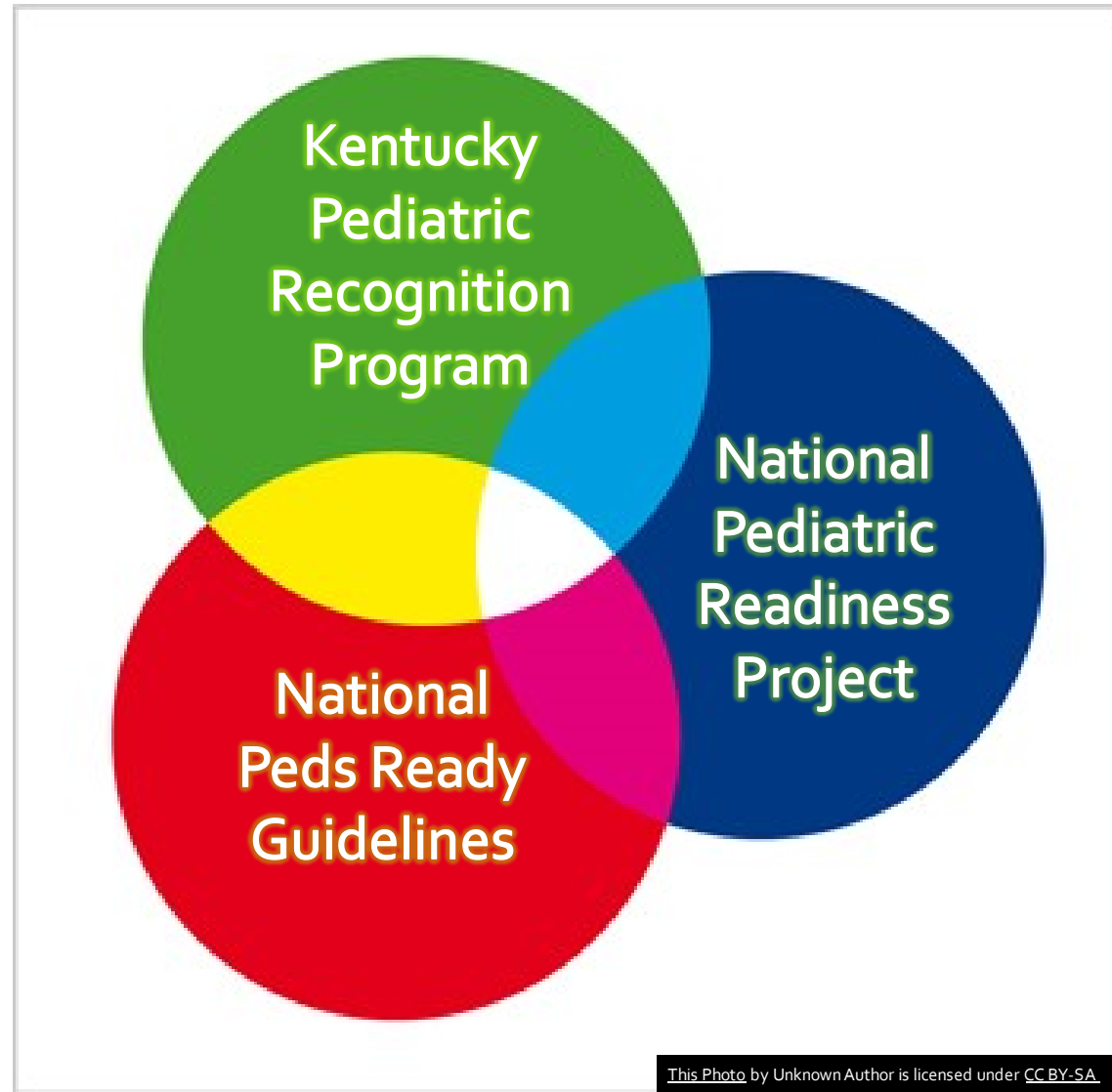


Educate staff on policies and monitor compliance.

* Based on the 2018 AAP/ACEP/ENA Joint Policy Statement, "Pediatric Readiness in the Emergency Department"

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Different (inter- connected) Programs





Identify the
missing
pieces





Pediatric Readiness Project
Ensuring Emergency Care for All Children

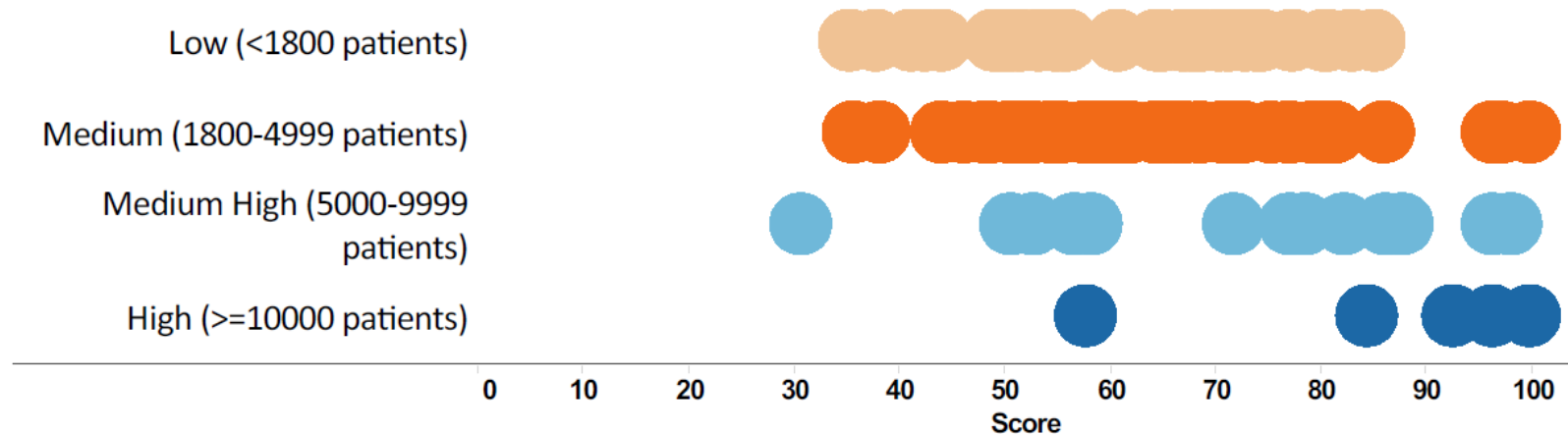


Scoring Based on the JPS: Pediatric Readiness in the ED

- Items are weighted
- Total of 100 points
- Not all items are scored
- Adjusted for updated guidelines
- Previous survey (descending order by point value)
 - PEC Coordinators
 - Competencies and Quality Improvement
 - Weigh in KGS
 - Policies
 - Equipment

KY and the 2013 NPRRP

DISTRIBUTION OF STATE SCORES FOR EACH VOLUME TYPE:



Kentucky's Response Rate 98.1%
(103 out of 105 hospitals)

Kentucky's avg. score 66

National avg. score 69

BREAKDOWN OF STATE SCORES FOR EACH VOLUME TYPE:

Annual Pediatric Volume	# of Hospitals	Avg. Score	Median Score	Min. Score	Max. Score
Low (<1800 patients)	34	61.6	64.9	35	85
Medium (1800-4999 patients)	50	65.5	63.3	36	100
Medium High (5000-9999 patients)	13	71.5	77.3	31	98
High (>=10000 patients)	6	87.4	92.7	58	100
Grand Total	103	66.2	65.6	31	100

IS YOUR EMERGENCY DEPARTMENT PEDSREADY?



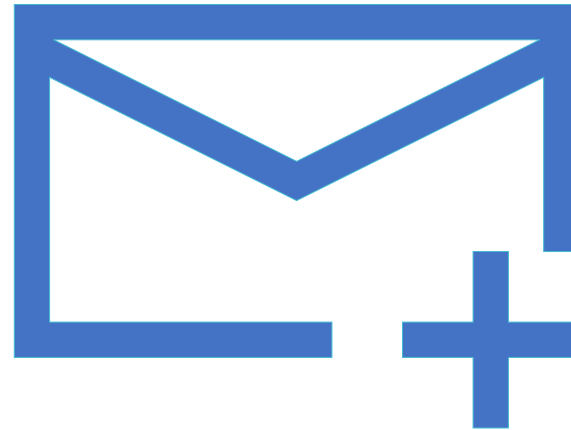
Children and their families rely on the nearest ED to be ready to provide outstanding care. Yet, every day, acutely ill and injured children are treated in EDs with varying levels of readiness to manage their immediate healthcare needs. **START NOW** to be PedsReady before taking the assessment starting ~~June 2020.~~ **Coming - May 2021**

Visit [PedsReady.org](https://www.pedsready.org)

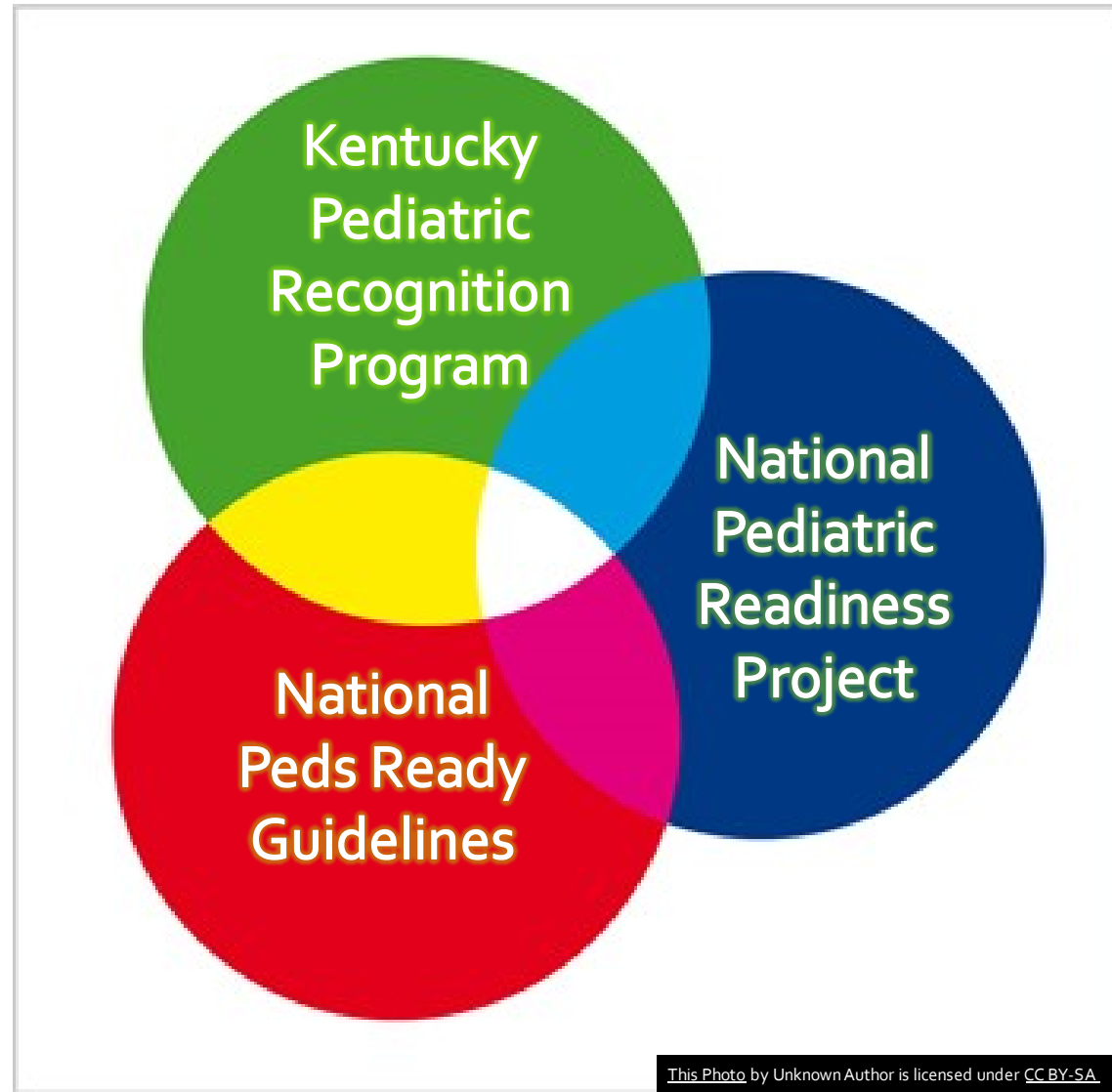


Update ED Contact Info

- <http://tiny.cc/KYEMSC-EDINFO>



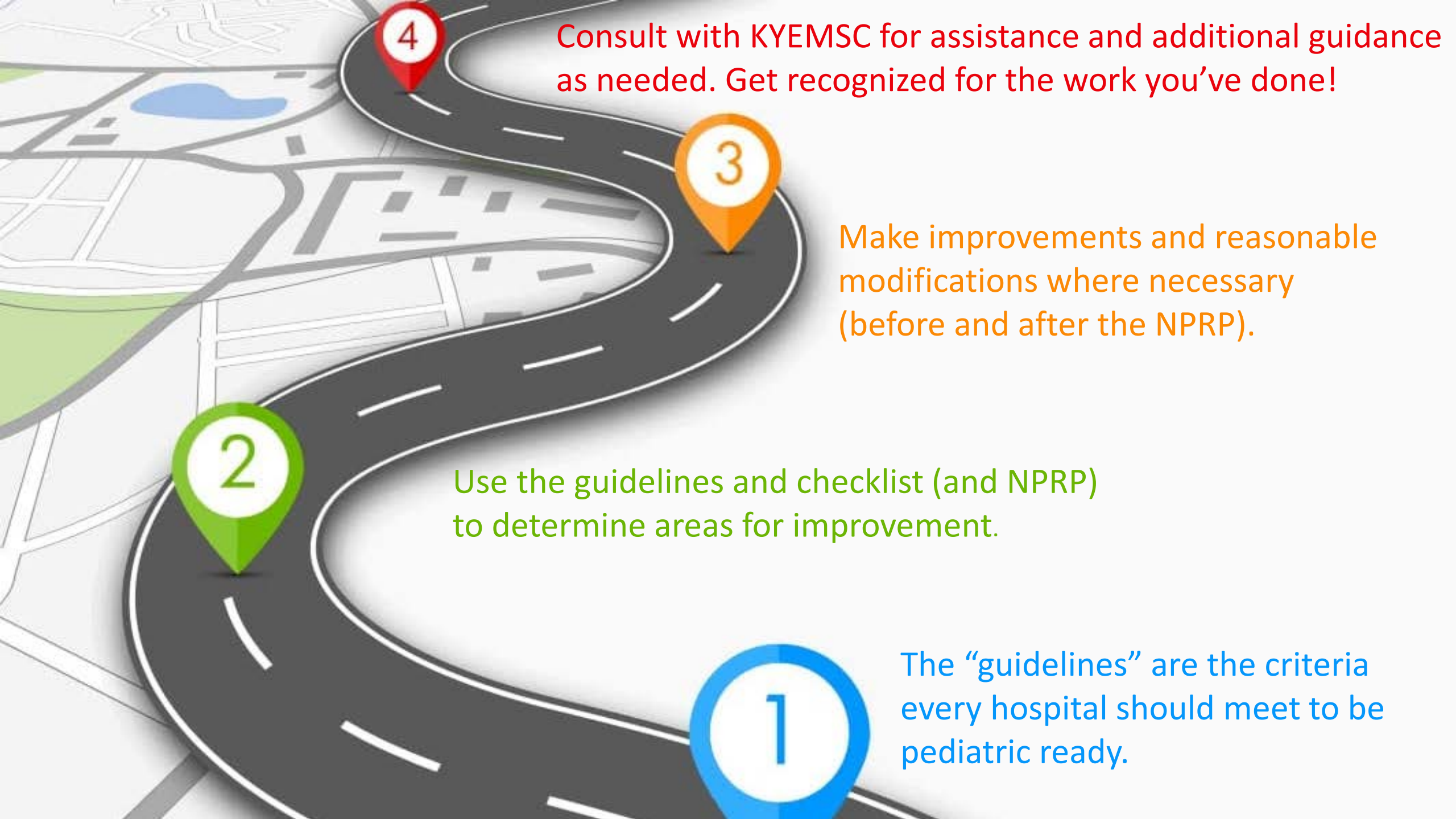
Different (inter- connected) Programs





Improvements
in Pediatric
Readiness

Get Recognized for being a
Pediatric Ready
Emergency Department!



4

Consult with KYEMSC for assistance and additional guidance as needed. Get recognized for the work you've done!

3

Make improvements and reasonable modifications where necessary (before and after the NPRP).

2

Use the guidelines and checklist (and NPRP) to determine areas for improvement.

1

The "guidelines" are the criteria every hospital should meet to be pediatric ready.

Modifications

- Facilities with significant barriers in identifying a Physician Pediatric Emergency Care Coordinator, will still be considered for recognition.
- Explanation for modifications
 - Example: a rarely used medication not kept in the ED but available 24/7 from pharmacy with designated personnel or process to gain access in a timely manner
 - May attach an addendum or written explanation





KYEMSC/KPECC Pediatric Emergency Care Recognition Program

Documents

- PEC Recognition Program Overview
- 2018 JPS Pediatric Readiness in the ED
- Supplemental Data – Equipment List
- Pediatric Readiness in the ED Checklist
- KY Peds Ready Site Visit Purpose and Agenda
- Application PEC Recognition Program
- Pre-Review Questionnaire (PRQ)

<https://kbems.kctcs.edu/emsc/kpecc/index.aspx>



Hospital Recognition: Pediatric Ready Emergency Departments

2018 Recognized Pediatric Ready Emergency Departments



NORTON
Children's
Hospital



Kentucky Children's Hospital
The Makenna David Pediatric Emergency Department



2019 Recognized Pediatric Ready Emergency Departments





Ephraim McDowell Fort Logan Hospital



Ephraim McDowell James B. Haggin Hospital

2020 Recognized Pediatric Ready Emergency Departments



Ephraim McDowell
Health.

First "System" to have all facilities with recognized Pediatric Ready Emergency Departments

Ephraim
McDowell
Health
System

Katie Jo Aaron



Amber Hamlin





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