

Pediatric Performance Measures: Improving EMS Care for Time-critical Illness and Injury

The purpose of this project is to improve EMS pediatric patient care through the use of performance improvement feedback tools.

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Development Team:

Principal Investigator- Dr. Jane Brice, MD, MPH
Co-Principal Investigator- Dr. E. Brooke Lerner, PhD
Co-Principal Investigator- Julianne Cyr, MPH
Educational Training Specialist- Steven Gunn, MPA
Research Assistant- Emily Hutchens, BS

Contact Information:

Website: <https://par.emspic.org/>
For project information contact Julianne Cyr at jcyr@med.unc.edu
For website log-in problems contact the EMSPIC at (866) 773-6477.

This manual can also be found at: <https://par.emspic.org/access-pars/>.

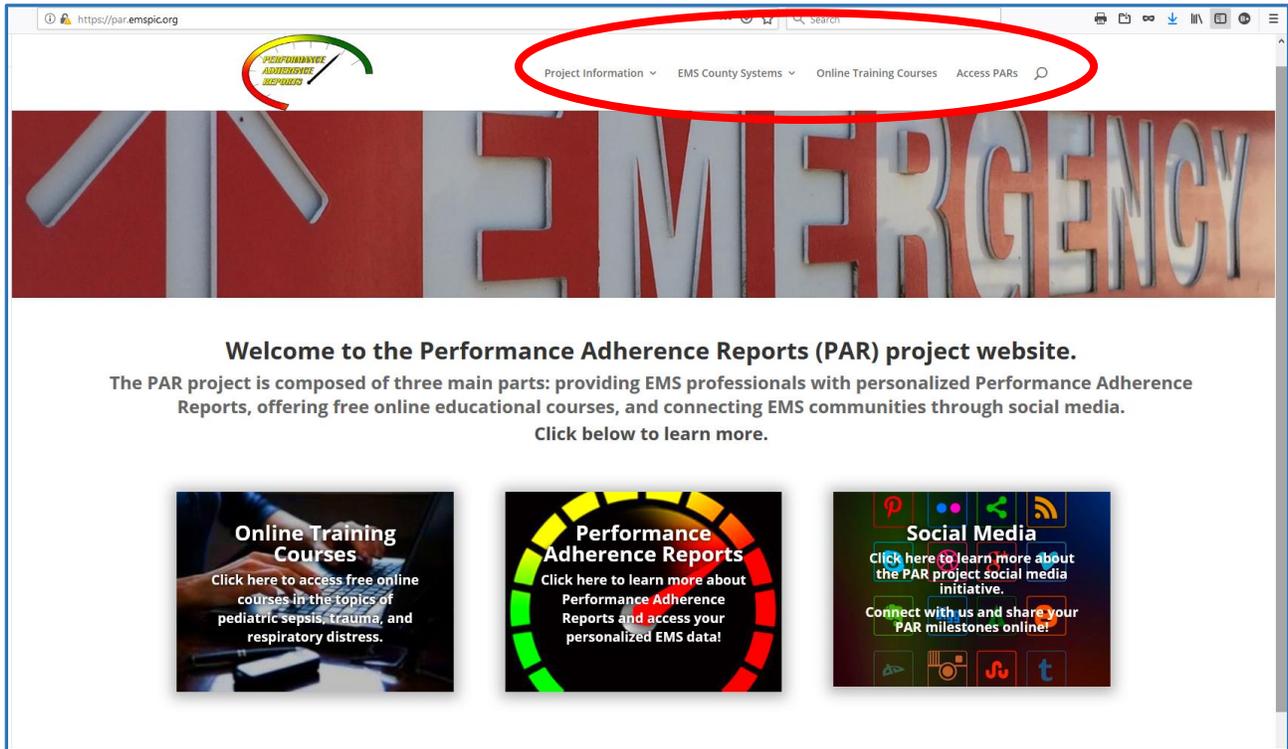
Pediatric Performance Adherence Reports:
Manual for Accessing and Interpreting Performance Adherence Reports (PARs)

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PAR Website



The website can be access at <https://par.emspic.org/>.

On the project’s homepage you can access information about the project including project background, links to information about partner EMS agencies, links to online training courses available for continuing education credits, and a link to access your individual PAR reports.

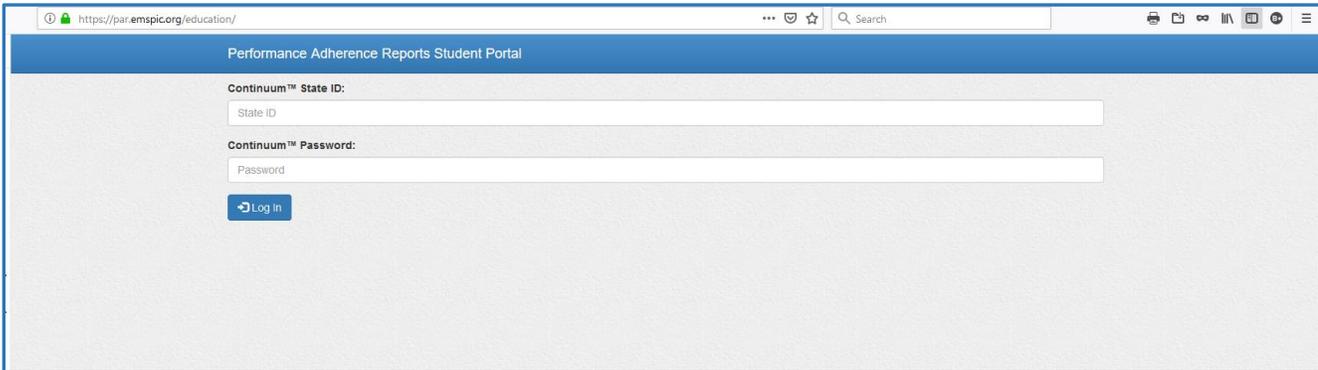
In order to access your PARs and the training courses you will need to have your “P number” and Continuum password. These will function as your username and password to log-in our website. If you do not know your “P number” or password please see the end of this manual for information on how to access or reset this information.

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Accessing Student Portal, PARs, and Courses

To access continuing education courses from the website select “Online Training Courses”.

To access PAR Reports select “Access PARs”.



User name:

State ID (Continuum provider number) P-----6

Password:

Continuum login password

Options:

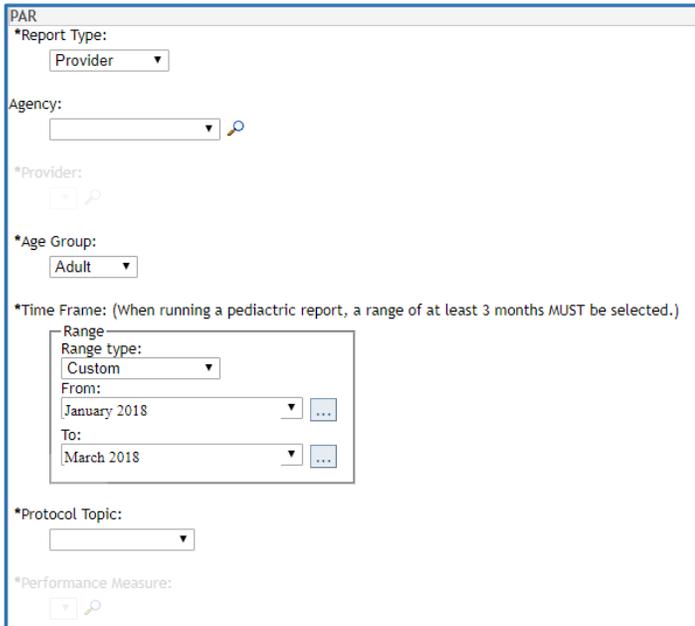
Once logged in you will be able to choose from available listed courses OR select the “PAR” link (circled in red) to access your PARs.



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PAR Reports

When you enter your PAR system, here is the screen that will appear:



The screenshot shows a web form titled "PAR" with the following fields:

- *Report Type: A dropdown menu with "Provider" selected.
- Agency: A search box with a magnifying glass icon.
- *Provider: A search box with a magnifying glass icon.
- *Age Group: A dropdown menu with "Adult" selected.
- *Time Frame: (When running a pediatric report, a range of at least 3 months MUST be selected.)
 - Range: A sub-form containing:
 - Range type: A dropdown menu with "Custom" selected.
 - From: A date selector with "January 2018" and a search icon.
 - To: A date selector with "March 2018" and a search icon.
- *Protocol Topic: A dropdown menu.
- *Performance Measure: A search box with a magnifying glass icon.

Step 1: Choose Report Type

EMS providers should choose "Provider" and administrators should choose "Administrator."

**Note: Only EMS administrators will have access to the "Administrator" view.*

Step 2: Choose Agency

Select your county agency from the list. You will only have access to the agencies you work for which participate in the PAR project.

Step 4: Choose Age Group

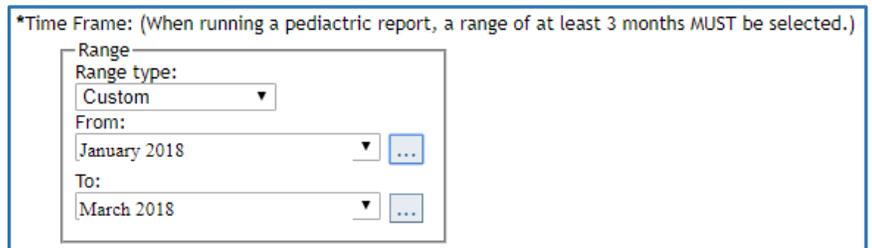
Select either "Adult" or "Pediatric" from the drop-down menu.

Step 3: Choose Time Frame

Select "Custom" from the **Range Type**: drop-down list.

Under **From**: click on this box and choose the first month you would like the report to show.

Under **To**: click on this box and choose the last month you would like the report to show.



This close-up shows the "Range" section of the form:

- Range type: A dropdown menu with "Custom" selected.
- From: A date selector with "January 2018" and a search icon.
- To: A date selector with "March 2018" and a search icon.

**Note: You must choose at least a one month period for an adult report and a three month period for a pediatric report. If you choose less than three months for a pediatric report, you will receive an error message. If this happens, go back to the Time Frame choices and choose three or more months.*

Step 5: Choose Protocol Topic

Select "Airway," "Trauma," "Sepsis," "Asthma," or "Allergic Reaction" from the drop-down list.

Step 6: Choose Performance Measure

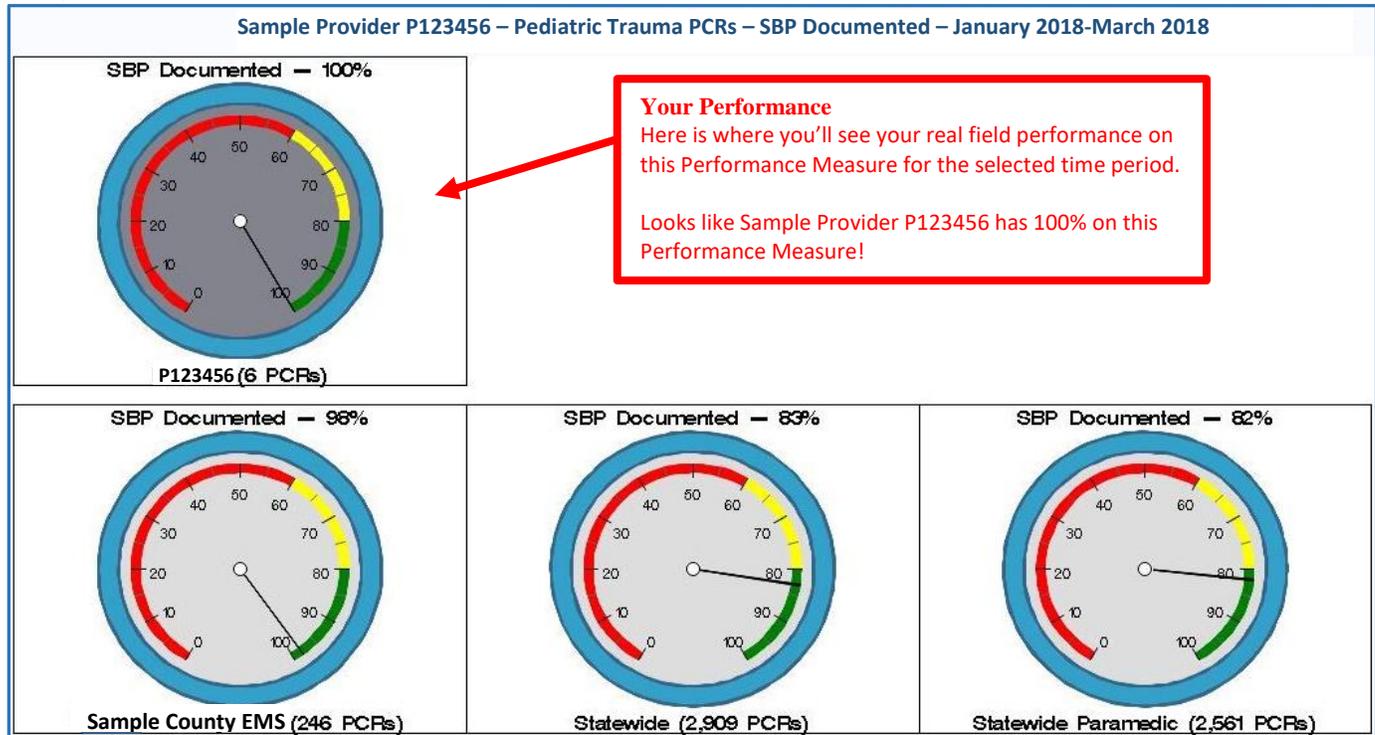
Select which Performance Measure you would like to view for this report.

Step 7: Click "Run"

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PAR: Provider View

Here is an example of a PAR that you would see if you chose Report Type: **Provider**, Time Frame: **January 2018 to March 2018**, Age Group: **Adult**, Cohort: **Trauma**, and Performance Measure: **SBP Documented**.



County Performance
Here is where you'll see your county EMS System's overall performance on this Performance Measure for the selected time period.

Looks like Sample Provider P123456 is doing better than average in their county system!

Statewide Performance
Here is where you'll see North Carolina's overall performance on this Performance Measure for the selected time period.

Looks like Sample Provider P123456 is doing better than average in North Carolina!

Statewide-by-Level Performance
Here is where you'll see the overall performance of North Carolina providers who are your same certification level (EMT-B, EMT-I/A, or Paramedic).

Looks like Sample Provider P123456 is doing better than average among similarly certified providers!

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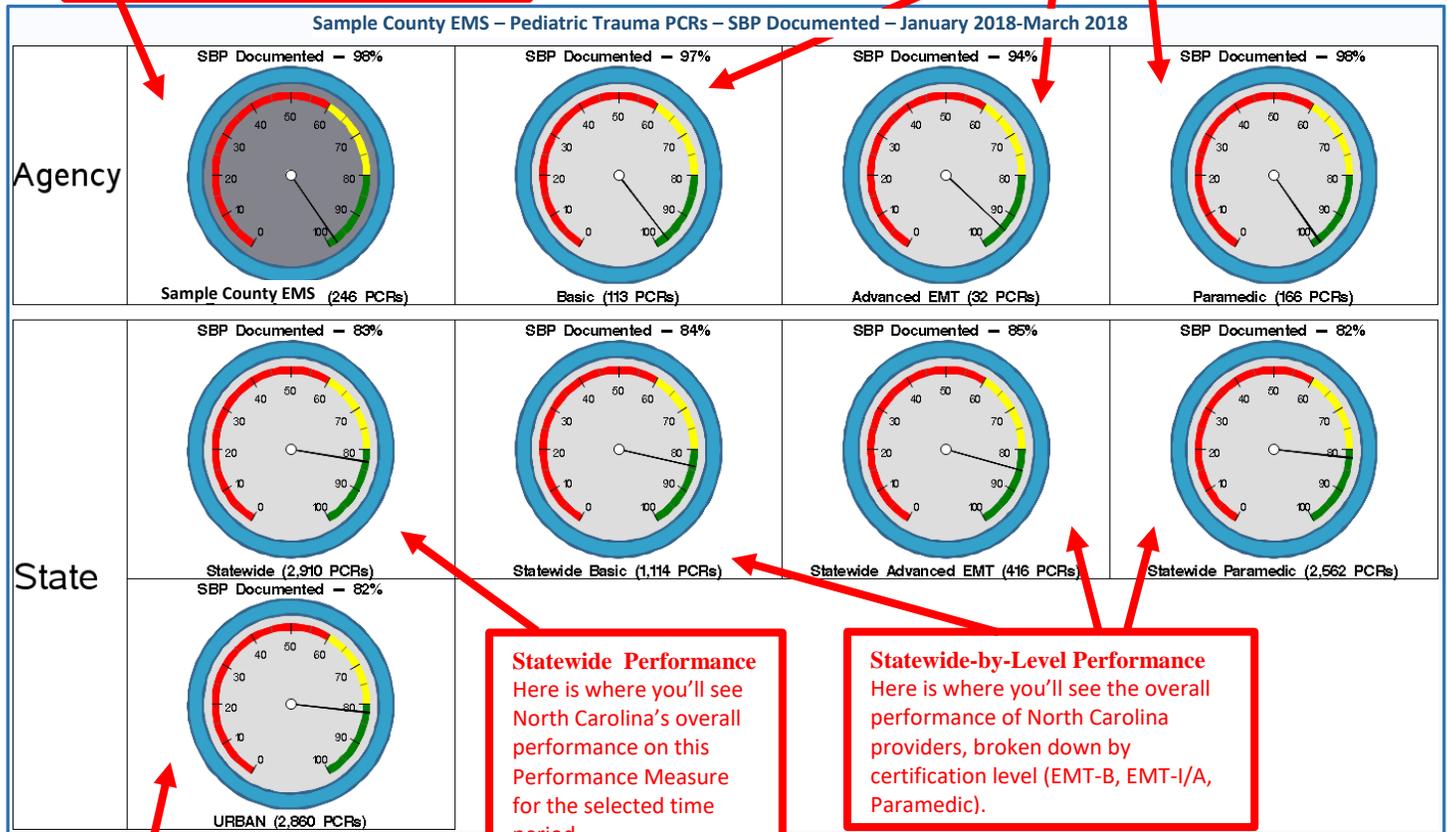
PAR: Administrator View

Here is an example of a PAR that you would see if you chose Report Type: **Administrator**, Time Frame: **January 2018 to March 2018**, Age Group: **Adult**, Cohort: **Trauma**, and Performance Measure: **SBP Documented**.

**Note: Only EMS administrators will be able to access this view*

Your County EMS System Performance
Here is where you'll see the real field performance for your County EMS System providers on this Performance Measure for the selected time period.

EMS System-by-Level Performance
Here is where you'll see the overall performance of your County EMS System providers, broken down by certification level (EMT-B, EMT-I/A, Paramedic).



Statewide Performance
Here is where you'll see North Carolina's overall performance on this Performance Measure for the selected time period.

Statewide-by-Level Performance
Here is where you'll see the overall performance of North Carolina providers, broken down by certification level (EMT-B, EMT-I/A, Paramedic).

Statewide-by-Urbanicity Performance
Here is where you'll see the overall performance of North Carolina counties with a similar urbanicity to your county. For example, if your county is rural, you will see the performance of other rural counties in NC. If your county is urban, you will see the performance of other urban counties in the State.

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Protocol Screenshots

For patients to be included in your Performance Adherence Report they must meet certain criteria for each of the protocols we use to generate reports.

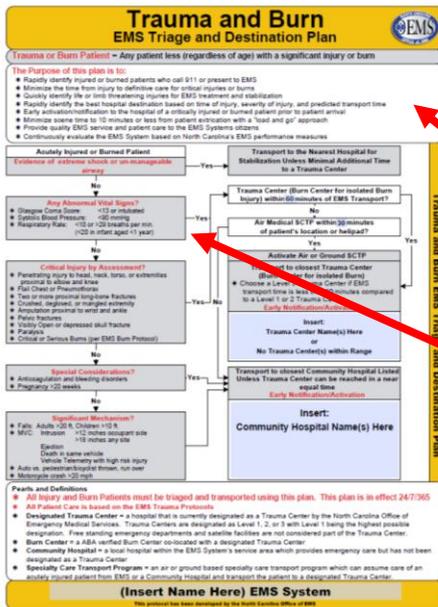
Protocol Screenshots: Trauma

Criteria for selection:

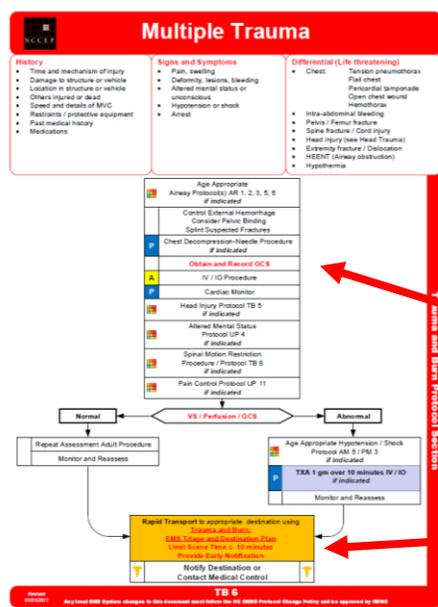
Adult= age 16 or older; Pediatric= under age 16

Patient meets criteria for inclusion based on abnormal vital signs, critical injury, special considerations, or significant mechanism of injury

Use of the Trauma and Burn EMS Triage and Destination Plan or the Multiple Trauma protocol (TB6)



- Performance Measures in your PAR**
- Transport to appropriate trauma center
 - Limit scene time
 - Provider early notification to receiving center
-
- Measures and record vital signs & GCS



- Performance Measures in your PAR**
- Measures and record vital signs & GCS
-
- Transport to appropriate trauma center
 - Limit scene time
 - Provider early notification to receiving center

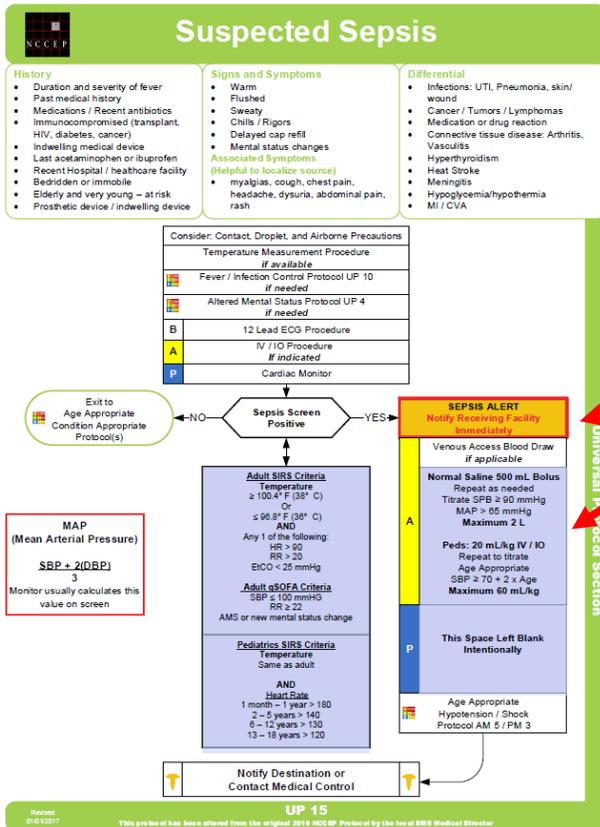
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Protocol Screenshots: Sepsis

Criteria for selection:

Adult= age 16 or older; Pediatric= under age 16

Use of the Suspected Sepsis protocol (UP15)



Performance Measures in your PAR

- Initiating venous access
- Administering fluid bolus

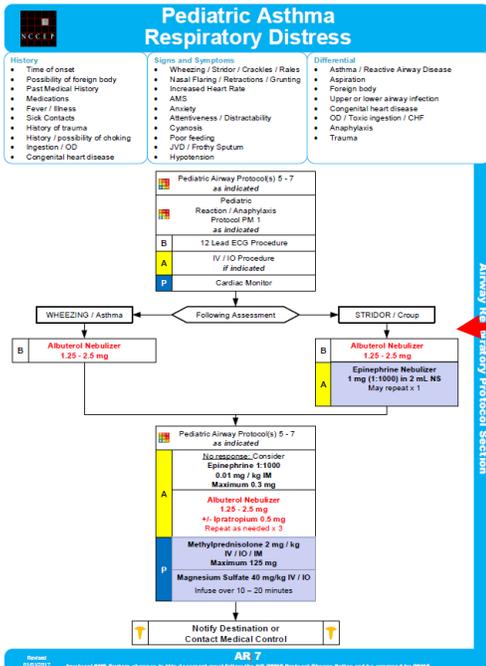
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Protocol Screenshots: Respiratory Distress

Criteria for selection

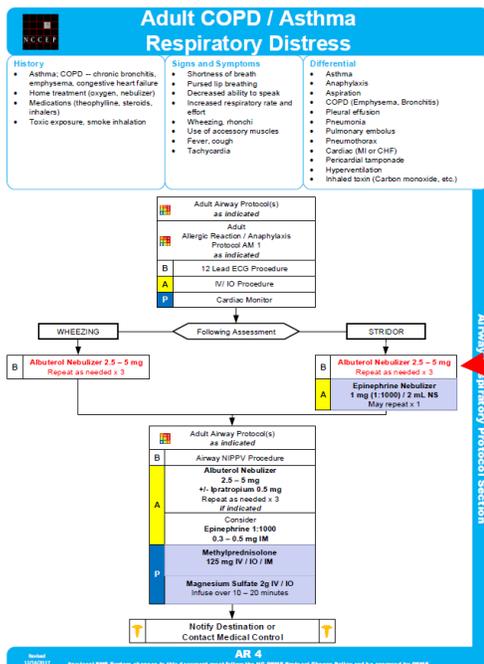
Pediatric= under age 16, use of Pediatric Asthma Respiratory Distress protocol (AR7)

Adult= age 16 or older, use of the Adult COPD / Asthma Respiratory Distress protocol (AR4)



Performance Measures in your PAR

- Correctly administer Albuterol
- Measure pulse oximetry (see Pearls section)



Performance Measures in your PAR

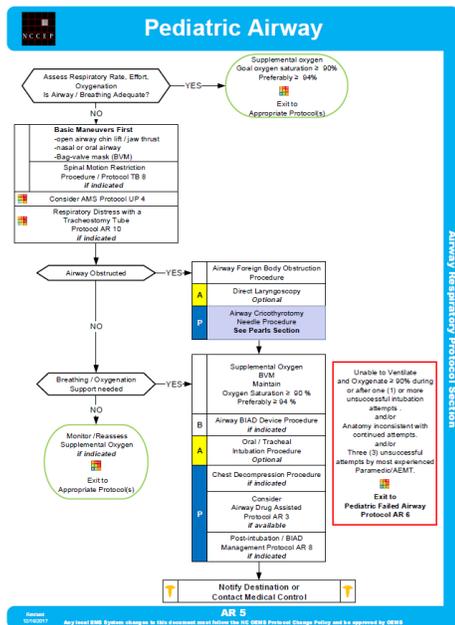
- Correctly administer Albuterol
- Measure pulse oximetry (see Pearls section)

Protocol Screenshots: Airway

Criteria for selection

Pediatric= under age 16, intubated, use of Pediatric Airway protocol (AR5)

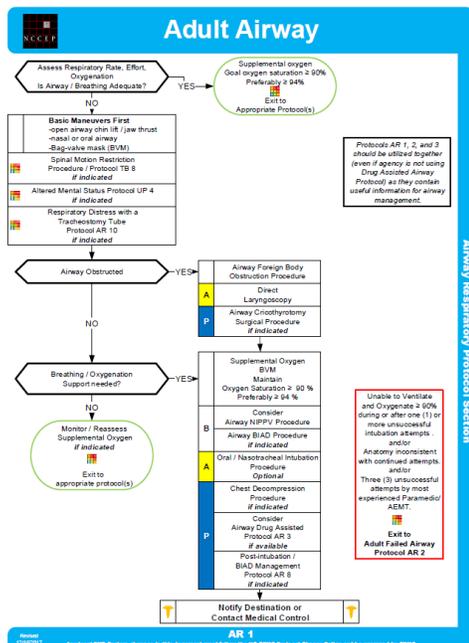
Adult= age 16 or older, intubated, use of the Adult Airway protocol (AR1)



Performance Measures in your PAR

See Pearls:

- Measure capnography / capnometry
- Measure End Tidal Carbon Dioxide (ETCO2)



Performance Measures in your PAR

See Pearls:

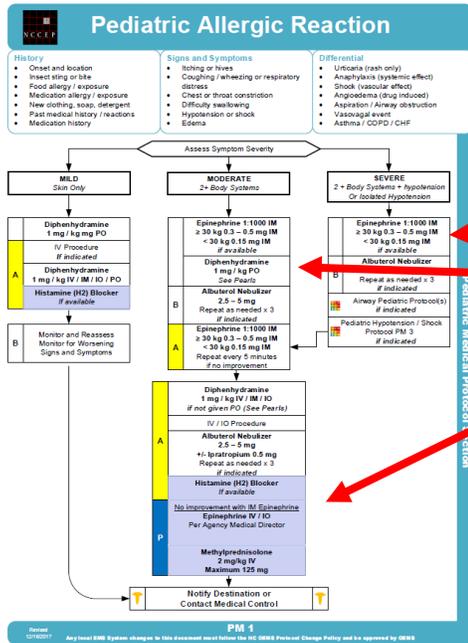
- Measure capnography / capnometry
- Measure End Tidal Carbon Dioxide (ETCO2)

Protocol Screenshots: Allergic Reaction

Criteria for selection

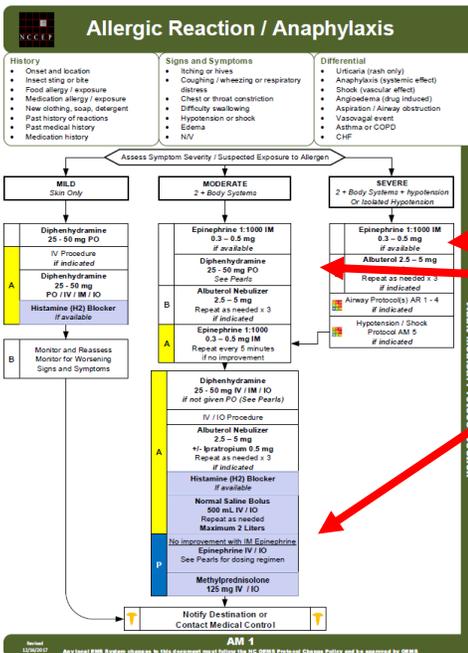
Pediatric= under age 16, hypotensive within age parameters, moderate or severe reactions with the use of Pediatric Allergic Reaction protocol (PM1)

Adult= age 16 or older, hypotensive, moderate or severe reactions with the use of the Adult Allergic Reaction protocol (AM1)



Performance Measures in your PAR

- Correctly administer Epinephrine



Performance Measures in your PAR

- Correctly administer Epinephrine

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Retrieving or Resetting your Continuum Password

The screenshot shows a web browser window with the URL 'n.emspic.org/login'. The page has a dark blue header with 'Home', 'About', and 'FAQs' links. The main content area is white and contains a 'Please Sign In' form. The form has two input fields: 'State ID' with a dropdown arrow and 'Password'. Below the fields is a blue 'Log In' button and a 'Forgot your password?' link. At the bottom right of the form, it says 'Build: contprod1a-b00a519'. Below the form is a light blue banner with the text 'Choose State Public Access: North Carolina / South Carolina / West Virginia'.

1. Access the continuum site from emspic.org <https://continuum.emspic.org/login>
 - a. If this is your first time logging-in you should use your P number for your username and social security number for your password.
 - b. If you forget your username or password select the “forgot your password link”.
2. If that does not work, call the EMSPIC at (866) 773-6477 and they will help you identify your P number or reset your password.