

EMC
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ENPC

Emergency Nursing Pediatric Course



2019D

Preparation Packet

This course is sanctioned and overseen by the ENA. Reviewing the textbook and completing the online modules are mandatory prior to entering the class. If you do not have the 5th edition textbook and certificate of completion for the modules, you will not be allowed to attend the class. An active RN license is required for certification. Those without an active RN license will not be allowed to test but will receive a certificate of attendance upon completion of the online modules and class.

Unfortunately, once registration with EMC is complete, we are unable to issue refunds.

The ENA recommends a 30 day registration cut off time to give participants enough time to prepare. The online modules take approximately 3 – 6 hours to complete.

The following pages will walk you through the procedure for completing the modules and testing. The ENPC 5th edition worksheets are located at the back of this packet. It is the student's option to print these worksheets for personal use.

* Phone (772) 878-3085 * Fax (772) 878-7909 * E-mail: info@medicaltraining.cc
597 SE Port St. Lucie Blvd * Port St Lucie, Florida 34984
Visit Our Website at MedicalTraining.cc

We want your experience to be low stress and educational. We have found it takes most people several weeks to prepare prior to entering the course. Following the completion of the online modules, your skills will be assessed in class. You will then have 7 days to complete the test online. You will have 2 hours to complete the exam with an 80% or better. If you are unsuccessful on your first attempt, you will be allowed one retake. The ENA charges a course fee for those who are unsuccessful or who do not complete the exam within 7 days.

ENPC 5th Edition Mandatory Course Work

***Important** - Online Modules must be completed entirely in order to attend this course. We are unable to provide refunds or re-schedule without a fee for anyone who fails to do so before the course date. The 5th Edition ENPC Provider Manual is mandatory.

Step 1 - ENA Registration

1. You will be sent an email from CourseOps@ena.org within two business days
2. Click the "Course Registration" link in this email
3. Log in or create an ENA account if you have not already done so
4. Select "Complete Registration"

Step 2 - Mandatory Online Modules

*For full instructions, please refer to the following pages (Pre-course Module Directions 1-4)

1. You will be sent a second email from CourseOps@ena.org within 3 business days of completing your ENA registration
2. Click the link in this email
3. Login to your ENA account
4. Click on "Click Here To Proceed To Your Courses"
5. Complete all modules
6. Submit your contact hours
7. Print your certificate and bring to class

Step 3 - Final Exam

After attending your ENPC course you will have 7 days to complete your final exam. You will receive an email from the ENA with a link to the exam registration.

For full instructions, please refer to the following pages (Course Exam Directions 1-8)

1. Visit <http://ena.peachnewmedia.com>
2. Login to your ENA account
3. Click on "Click Here To Proceed To Your Courses"
4. Click on "ENPC 5th Edition Provider Course Exam"
5. To start the exam, click "View Now" or "Start"
6. Click "Take Quiz"
7. Upon passing your exam, continue to the Credit Submission page and complete the survey
8. Click "Submit Credit" and continue to your ENA Certificate

Thank you for registering for ENPC!

To ensure successful completion of the course, please be aware of the following:

- Students will NOT be allowed to attend the class if the pre-course modules are incomplete.
 - PRINT a copy of your completion certificate as your ticket to enter the class.
- Technical assistance is ONLY available Monday through Friday, 8:30am to 5pm Central Time.
- The flipped classroom teaching methodology used REQUIRES that students read the provider manual PRIOR to class. This will greatly enhance your learning experience and chance for success on the examination.
- The online examination MUST be completed within 7 days of the course – please make sure your schedule will allow this. If the course ends on a Tuesday, you have until the following Tuesday at 2359 to complete the exam.
- Email communications about the course will come from courseops@ena.org
- Do NOT use Internet Explorer for the online modules or exam – this browser is no longer supported.
- For any technical issues with the online modules, try the following:
 - Clear your browser history/cache
 - Use another browser (Chrome, Firefox)
 - Use another computer
 - Contact Course Operations (Monday through Friday, 8:30 am to 5pm Central Time)

ENPC 5th Edition Provider Pre-course Module Directions

1. To access the ENPC 5th Edition Provider Pre-Course Modules, please click on the link in the email your course director sent to you.

***Please note that you must first click on the link to claim your ENPC 5th Edition Provider Pre-course Modules license. Your modules will not show in your profile if you do not claim your license.*

2. After you click on the link to take the ENPC 5th Edition Provider Pre-Course Modules within the email, you will be prompted to log into the ENA website, www.ena.org. Please use the same email you used to register for the course.

Login to ENA

Email / Username REQUIRED

Password REQUIRED

[LOG IN](#)

3. You will then be redirected to your eLearning Account Profile. Click on **CLICK HERE TO PROCEED TO YOUR COURSES** to access the course.

Account Profile



eLearning Center

[Click Here to Proceed to Your Courses](#)




Manage Courses

[Click here to Record Contact Hours or to Retrieve Completion Certificates](#)

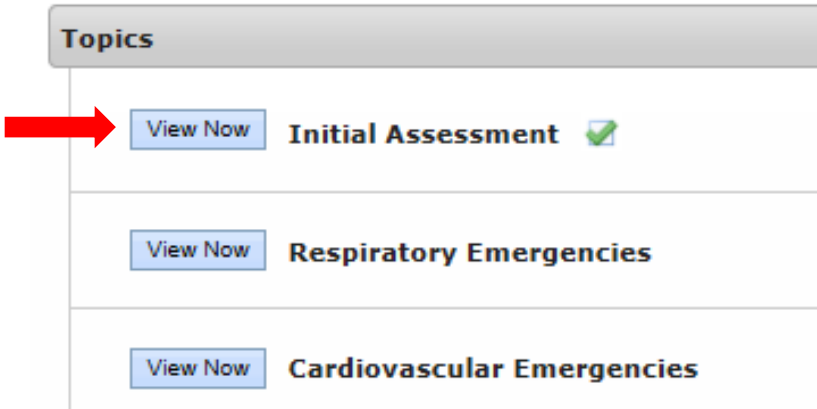
Record contact hours for your ENA transcript. If you have trouble with this process, please email us at eLearning@ena.org.

- Click on **ENPC 5th Edition Provider Course Online Modules**

ENPC 5th Edition Provider Pre Course Online Modules

 12 Topics Available...

- Click on **VIEW NOW** to start each module. You will receive a green check mark once each module is complete; there are twelve modules to complete.



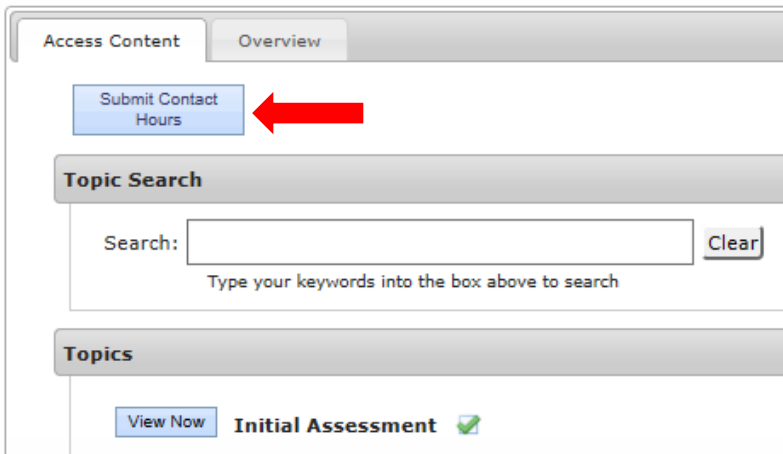
Topics

[View Now](#) **Initial Assessment** ✓

[View Now](#) **Respiratory Emergencies**

[View Now](#) **Cardiovascular Emergencies**

- Once you have a green check mark after each module, you will submit for your CE certificate. Click on the **SUBMIT CONTACT HOURS** button at the top of the page to fill out your evaluation and print your CE certificate.



[Access Content](#) [Overview](#)

[Submit Contact Hours](#)

Topic Search

Search: [Clear](#)

Type your keywords into the box above to search

Topics

[View Now](#) **Initial Assessment** ✓

7. Click **CONTINUE.**

You are receiving the following contact hours for this course.

Organization	Approved Credit
Emergency Nurses Association	4.83 <i>Clinical</i>

Credit Reporting Organization	Membership Number
Emergency Nurses Association	

[Continue](#) 

8. Please fill out the required fields and click **SUBMIT** when finished.

ENPC 5th Edition Provider Pre-course Online Module Evaluation

Please answer each question and click **SUBMIT**; you will then be directed to submit your CE credit.

Course Name: ENPC 5th Edition Provider Pre Course Online Modules

The course content was relevant to the learner outcome(s).

1 2 3 4 5

Strongly Disagree Strongly Agree

I will be able to achieve the learner outcome(s).

1 2 3 4 5

Strongly Disagree Strongly Agree

The course modules provided evidence-based content.


1 2 3 4 5

Strongly Disagree Strongly Agree


[Submit](#) 

9. Click on **PROCESS COURSE**.

I certify that I have completed the above course.

Process Course 

10. The link to download your certificate of completion will be under the SUBMITTED COURSES section of your eLearning Transcript. Click on **VIEW EMERGENCY NURSES ASSOCIATION CERTIFICATE** to view your certificate.

Oct 7, 2018 ENPC 5th Edition Provider Pre Course Online Modules: Full Seminar
Emergency Nurses Association - 4.83 hours - Clinical  [View Emergency Nurses Association Certificate](#)

TROUBLE SHOOTING	
What are the recommended browsers?	Adobe Flash Player 10.3 or later, and one of the following browsers: Windows: Google Chrome (latest version), Firefox (latest version), Microsoft Edge (latest version). **Please note that Internet Explorer is no longer a supported browser. Mac: Safari 7 and later, Google Chrome (latest version) HTML5 Windows: Google Chrome (latest version) Mac: Safari 7 and later, Google Chrome (latest version) Mobile: Safari in Apple iOS 7 and later, Google Chrome (latest version) in Android OS 4.1 and later
The course opened in a new window, but I can't see it?	You will need to go into your browsers settings and enable pop ups. If viewing on a tablet or iPhone, you will need to go into your phone's settings and locate the browser to disable the Block Pop-Ups setting.
The course will not play.	You might need to clear your cache or browsing history. Additionally, please check your internet connection.
The course window keeps crashing when I use my iPad.	Please make sure you are running the most recent version of whatever browser you are using.
I can't submit for my certificate of completion.	Please make sure you have a green check mark after each module. You will not be able to submit for your certificate until all modules are marked complete.
Who can I contact if I am having technical issues?	Contact Education at elearning@ena.org or, call 847-460-4123.

ENPC 5th Edition Provider Course Exam Directions

1. To access the ENPC 5th Edition Provider Exam, please click on the link in the email your course director sent to you.

***Please note that you must first click on the link to claim your ENPC 5th Edition Provider Exam license. The exam will not show in your profile if you do not claim your license.*

2. After you click on the link to take the ENPC 5th Edition Provider Course Exam within the email, you will be prompted to log into the ENA website, www.ena.org. Please use the same email you used to complete your pre-course modules.

Login to ENA

Email / Username REQUIRED

Password REQUIRED

[LOG IN](#)

3. You will then be redirected to your eLearning Account Profile. Click on **CLICK HERE TO PROCEED TO YOUR COURSES** to access the course.

Account Profile



eLearning Center

[Click Here to Proceed to Your Courses](#)



Manage Courses

[Click here to Record Contact Hours or to Retrieve Completion Certificates](#)

Record contact hours for your ENA transcript. If you have trouble with this process, please email us at eLearning@ena.org.

4. Click on **Step 1: ENPC 5th EDITION PROVIDER COURSE EXAM**

Step 2: ENPC 5th Edition Provider Course Evaluation and CE Certificate

Step 1: ENPC 5th Edition Provider Course Exam

5. To start the exam, click on **VIEW NOW or START.**

View Now

ENPC 5th Edition Provider Course Exam

6. Your exam will open in a new tab. When you are ready to take the exam, click on **TAKE QUIZ.**

Credit Submission Checklist

» Complete the credit submission quiz

Take quiz >

Complete the credit submission survey

7. You will receive a notification letting you know that once you click start, your timed exam will begin. Click on **START** to begin your exam. You have 2 hours to complete this exam.

⌚ Timed Quiz

×

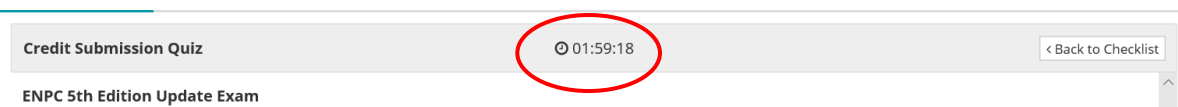
Note: This is a timed quiz. Upon clicking "start" you will have 2 hours to finish.

Start

Close

8. There are 50 multiple choice exam questions. Please click on the appropriate response to each question. Please note that the timer is located at the top of the form for reference.

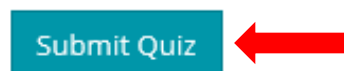
[Credit Submission](#)



Credit Submission Quiz 01:59:18 < Back to Checklist

ENPC 5th Edition Update Exam

9. Once your exam is complete, click **SUBMIT QUIZ** at the bottom of the form.



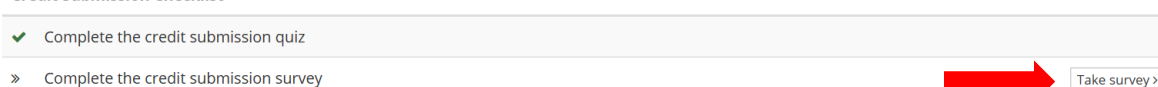
10. Your exam score will be listed at the top of the form. If you are unsuccessful on your first attempt, you will have one retake of your exam. If you are successful and have completed the exam with an 80% or better, click on **CONTINUE** at the bottom of the form to obtain your Provider card.



11. From the Credit Submission page, click on **TAKE SURVEY**. You will complete a separate more comprehensive course survey when you retrieve your contact hour certificate.

****If you are taking the course as Non-RN student, you will not have the option to take the exam or print a Provider card. You will only have the option to complete your course survey and obtain your CE certificate ****

Credit Submission Checklist



✓ Complete the credit submission quiz

» Complete the credit submission survey Take survey >

12. On the survey page, answer the required questions and click on **SUBMIT SURVEY** at the bottom of the page.

Please enter the name of the internet browser you used to complete the exam.

Please describe any technical difficulties you experienced with the online exam.

How long did it take to complete the exam? Please be specific.

Submit Survey * ← *e required.*

13. Click on **SUBMIT CREDIT** to retrieve your Provider card. **Please note that your contact hours will be included on a separate certificate.

****If you are an RN who is challenging the course, you will not receive contact hours. ****

Credit Submission

Available Credit

Emergency Nurses Association - 0 Clinical

Credit Submission Checklist

✓ Complete the credit submission quiz

✓ Complete the credit submission survey

Submit Credit ←

14. You will be redirected to the credit submission page. Click **CONTINUE**.

You are receiving the following contact hours for this course.

Organization	Approved Credit
Emergency Nurses Association	0 Clinical

Credit Reporting Organization	Membership Number
Emergency Nurses Association	

[Continue](#) ←

15. Click on **PROCESS COURSE**.

I certify that I have completed the above course.

[Process Course](#) ←

16. The link to download your Provider card will be under the SUBMITTED COURSES section of your eLearning Transcript. Click on **VIEW EMERGENCY NURSES ASSOCIATION CERTIFICATE** to print or view your card.

Oct 21, 2018 Step 1: ENPC 5th Edition Provider Course Exam: Full Seminar
Emergency Nurses Association - 0 hours - Clinical

[View Emergency Nurses Association Certificate](#) ←

17. To complete your Provider Course evaluation and retrieve your CE certificate, return to your eLearning Center by clicking on the hamburger menu in the top right corner of your Transcript page. Select **ELEARNING CENTER**.



☰ MENU




18. Click on **STEP 2: ENPC 5TH EDITION PROVIDER COURSE EVALUATION AND CE CERTIFICATE**

[Step 2: ENPC 5th Edition Provider Course Evaluation and CE Certificate](#) 

[Step 1: ENPC 5th Edition Provider Course Exam](#)


19. Click on **VIEW NOW**

 [View Now](#) ENPC 5th Edition Provider Course Evaluation and CE Certificate

20. Click on **TAKE SURVEY** to start the evaluation.

Credit Submission Checklist

» Complete the credit submission survey

[Take survey >](#) 

21. Please fill out the required fields and click **SUBMIT SURVEY** when finished.

****Your course director has provided you with a numbered list of instructors. Please fill out the appropriate course information for each instructor. If you were not provided with this information, please contact your course director.**

Please enter your course number. Please note that it should be a PP, PI or TP, TR, or TI number.

Please enter your course city.

Instructor #1 Name

Your Course Director has provided you with an instructor name. Please record the name of your instructor in the box provided.

Instructor #1 ID Number

Your Course Director has provided you with an instructor ID number. Please record the corresponding instructor number in the box provided.

Instructor #1 Evaluation

Please rate instructor #1 on the four areas below.

	Poor	Fair	Good	Excellent
Met objectives	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teaching effectiveness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of course content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Skill station interaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[Submit Survey](#) 

22. Click on **SUBMIT CREDIT** to process your CE certificate.

Available Credit

Emergency Nurses Association - 14.25 Clinical

Credit Submission Checklist

✓ Complete the credit submission survey

Submit Credit

23. Click **CONTINUE**.

You are receiving the following contact hours for this course.

Organization	Approved Credit
Emergency Nurses Association	14.25 Clinical

Credit Reporting Organization	Membership Number
Emergency Nurses Association	

[Continue](#)

24. Click **PROCESS COURSE**.

I certify that I have completed the above course.

[Process Course](#)

25. The link to download your CE Certificate will be under the SUBMITTED COURSES section of your eLearning Transcript. Click on **VIEW EMERGENCY NURSES ASSOCIATION CERTIFICATE** to view or print your CE certificate.

Oct 21, 2018

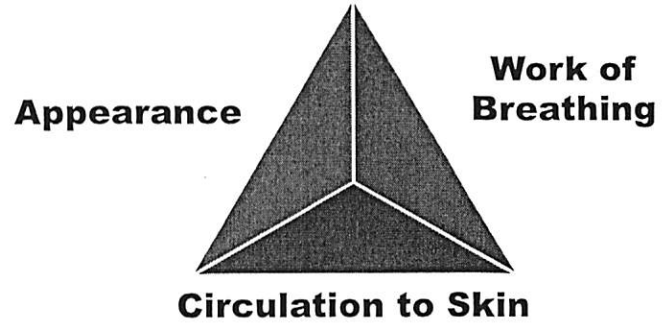
Step 2: ENPC 5th Edition Provider Course Evaluation and CE Certificate: Full Seminar
Emergency Nurses Association - 14.25 hours - Clinical

[View Emergency Nurses Association Certificate](#)

TROUBLE SHOOTING

<p>What are the recommended browsers?</p>	<p>Adobe Flash Player 10.3 or later, and one of the following browsers:</p> <p>Windows: Internet Explorer 8 and later, Google Chrome (latest version), Firefox (latest version), Microsoft Edge (latest version) Mac: Safari 7 and later, Google Chrome (latest version) HTML5 Windows: Google Chrome (latest version) Mac: Safari 7 and later, Google Chrome (latest version) Mobile: Safari in Apple iOS 7 and later, Google Chrome (latest version) in Android OS 4.1 and later</p>
<p>The course/test opened in a new window, but I can't see it?</p>	<p>You will need to go into your browsers settings and enable pop ups. If viewing on a tablet or iPhone, you will need to go into your phone's settings and locate the browser to disable the Block Pop-Ups setting.</p>
<p>I am having technical issues while completing my exam.</p>	<p>If you are experiencing freezing, slowness, or if the exam isn't saving answers that you have changed after you click submit, please check your internet connection and clear your cache/browsing history <u>before</u> your second attempt. If you close out of your exam before you are finished, your exam will automatically be graded.</p>
<p>How do I obtain my Provider card?</p>	<p>Your Provider card will be available upon successful completion of your exam. Click on the hamburger menu in the upper right corner of your classroom page to access your transcript. The link to download your PDF will be in the submitted courses section next to Step 1: ENPC 5th EDITION PROVIDER COURSE EXAM.</p>
<p>How do I obtain my CE certificate?</p>	<p>Your CE Certificate will be available upon completion of your course evaluation. Click on the hamburger menu in the upper right corner of your classroom page to access your transcript. The link to download your PDF will be in the submitted courses section next to Step 2: ENPC 5TH EDITION PROVIDER COURSE EVALUATION AND CE CERTIFICATE.</p>
<p>Who can I contact if I have any questions?</p>	<p>Contact Course Operations at courseops@ena.org or, call 800-942-0011</p>

Your team has been assigned the **APPEARANCE** side of the Pediatric Assessment Triangle.



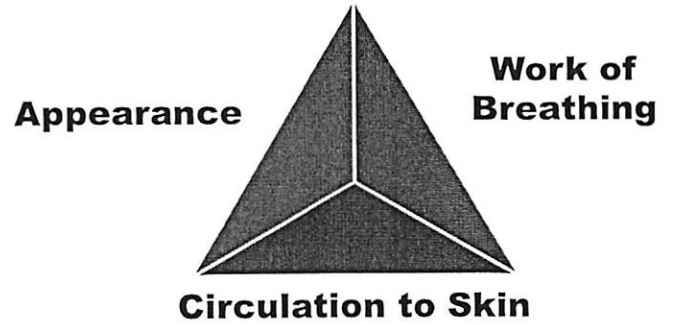
Fill in the blank:

A child's _____ with the caregiver and _____ with the environment provides information about _____ to the _____.

Describe the mnemonic TICLS with normal and abnormal findings:

Assess	Normal findings	Abnormal findings
T		
I		
C		
L		
S		

Your team has been assigned the **WORK OF BREATHING** side of the Pediatric Assessment Triangle.



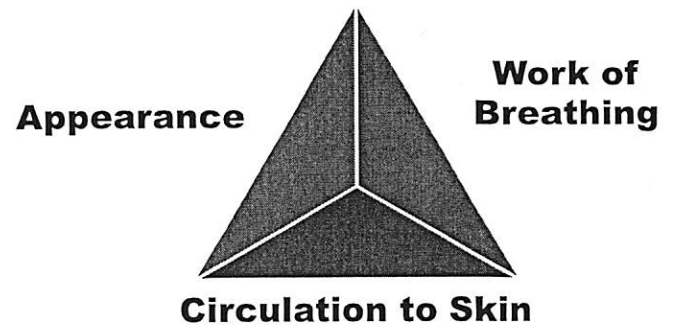
Fill in the blank:

_____ of _____ is an indication of the child's _____ and _____ status and reflects the _____ of _____.

What are signs of increased work of breathing in an infant?

What are signs of increased work of breathing in a school-aged child?

Your team has been assigned the **CIRCULATION** side of the Pediatric Assessment Triangle.



Fill in the blank:

_____ is considered a late and _____ sign of impending cardiopulmonary failure.

What are three things to observe for when assessing circulation while completing the PAT?

What are the four steps of the pediatric triage process?

1. _____

2. _____

3. _____

4. _____

Hospital A

1. **A 4-year-old male presenting with a fever and occasional cough. PAT reveals:**
 - Appearance – Alert, playing with a toy
 - Work of Breathing – Normal respirations, mild cough
 - Circulation to the Skin – Pink

2. **An 18-month-old female presenting with a fever and difficulty breathing for the past 48 hours. PAT reveals:**
 - Appearance – Alert, looking at mother
 - Work of Breathing – Moderate retractions, respirations labored and fast
 - Circulation to the Skin – Pale with flushed face

3. **A 2-week-old male presenting with increased fussiness for eight hours, a reported fever of 101 and decreased intake. PAT reveals:**
 - Appearance – Sleeping, difficult to arouse
 - Work of Breathing – Slow, shallow respirations
 - Circulation to the Skin – Pale

4. **A 9-year-old female presenting with a cough, runny nose and right ear pain for three days. PAT reveals:**
 - Appearance – Alert, playing with father's phone
 - Work of Breathing – Normal respirations, mild congestion
 - Circulation to the Skin – Pale

Hospital B

1. **An 8-year-old female presenting with a cough and difficulty breathing. Patient states, “I have asthma.” PAT reveals:**
 - Appearance – Alert, talking and drinking juice
 - Work of Breathing – Mild retractions, mildly tachypneic, occasional cough
 - Circulation to the Skin – Pink

2. **A 14-month-old female presenting with a fever and rash. Mother reports they were diagnosed with an ear infection last week and prescribed an antibiotic. PAT reveals:**
 - Appearance – Alert, interacting with older sibling
 - Work of Breathing – Normal respirations, mild cough
 - Circulation to the Skin – Pink with sandpaper rash to arms and chest

3. **A 2-year-old male who fell while walking, landing on left arm. He is refusing to use the arm PAT reveals:**
 - Appearance – Awake, holding left arm
 - Work of Breathing – Normal respirations, no increased work of breathing
 - Circulation to the Skin – Pink

4. **A 3-week-old female presenting with a cough, congestion and intermittent fevers for several days. Caregivers report she has had trouble feeding today. PAT reveals:**
 - Appearance – Alert and irritable, inconsolable
 - Work of Breathing – Severe retractions, moderate congestion and persistent cough
 - Circulation to the Skin – Pale with some mottling

Hospital C

1. **An 18-month-old male who has been fussy for a day, with a reported fever of 104 and no wet diapers in the past 8 hours. Mother states, "He won't drink." PAT reveals:**
 - Appearance – Fussy, holding onto mother, difficult to console
 - Work of Breathing – Fast, shallow respirations with moderate retractions
 - Circulation to the Skin – Pale

2. **A 14-month-old male with bruising to his abdomen and around his ear. His mother indicates that she found the bruising after she picked him up from the babysitter. PAT reveals:**
 - Appearance – Sleeping, wakes easily, but immediately goes back to sleep
 - Work of Breathing – Slow respirations, moderate retractions
 - Circulation to the Skin – Pale

3. **A 12-year-old female presenting after a fall while playing in a basketball game. She states, "I twisted my ankle, and I can't walk on it." PAT reveals:**
 - Appearance – Alert, texting a friend
 - Work of Breathing – Normal respirations, history of asthma
 - Circulation to the Skin – Pink

4. **A 4-year-old female presenting with an intermittent fever and dysuria for the past 24 hours. PAT reveals:**
 - Appearance – Alert, drinking water
 - Work of Breathing – Respirations normal, occasional dry cough
 - Circulation to the Skin – Pink

Hospital D

1. **An 11-year-old male presenting with back pain after straining to lift a heavy chair one hour ago. PAT reveals:**
 - Appearance – Alert, talkative
 - Work of Breathing – Normal respirations
 - Circulation to the Skin – Pink

2. **A 10-month-old female who reportedly ate a few of her grandmother’s “blood pressure pills.” PAT reveals:**
 - Appearance – Limp, unresponsive
 - Work of Breathing – Slow, shallow respirations
 - Circulation to the Skin – Pale

3. **A 2-year-old male presenting with a persistent cough and has been pulling on his left ear for three days. PAT reveals:**
 - Appearance – Alert, playing with twin sister
 - Work of Breathing – Mild congestion with retractions, hacking cough
 - Circulation to the Skin – Pink

4. **A 7-year-old female presenting with nausea and vomiting for three hours. PAT reveals:**
 - Appearance – Alert, holding a plastic bag
 - Work of Breathing – Normal respirations, no increased work of breathing
 - Circulation to the Skin – Pale

Case A

Part One

Patient: 14-day-old male

Chief complaint: "My baby feels warm. I think he has a fever."

PAT:

Appearance: Sleeping, wrapped in a blanket

Work of Breathing: Respirations unlabored, no distress

Circulation: Normal color

What is the neonate's PAT priority?

List common causes of fever in this age group. Think broadly.

What are your next steps?

Case A

Part Two

Airway Patent

Breathing Respirations 44, no distress, lungs clear with good bilateral air entry

Circulation Pulse regular, central and peripheral pulses equal and strong, skin pink, warm and dry, capillary refill < 2 seconds

Disability Cries when disturbed, consoles easily with parent, PERRL

Environment No rashes, no bruising/petechiae, no deformity

Full set of vital signs

T: 38°C (100.4°F) rectally
HR: 144 beats/minute
RR: 44 breaths/minute
BP: 70/52 mm Hg

Family presence Mother is 19 years old, single parent

Get adjuncts and give comfort

SpO₂: 97% on room air

History – SAMPLE

- S:** Breastfed neonate, feeding well until today, decreased feeding time last two feeds – falls asleep during feeding, spitting up feeds, non-bilious, four loose stools today, baby feels warmer than usual, parents have not taken the temperature, seems sleepier than usual
- A:** None
- M:** None, mother has not taken any medications
- P:** Born full term at 39 weeks gestation, vaginal delivery, no complications, no maternal illness
- L:** Last feeding was 2 hours prior to arrival, last wet diaper 4 hours ago with loose stool
- E:** Sleepier than usual, neonate feels warm to touch according to parents

Head-to-toe exam

Head and neck – Normal, fontanel flat, neck supple, limbs flexed, lips dry

Chest – Air entry equal and clear

Cardiovascular – S1/S2 auscultated, no murmur

Abdomen – Flat, soft, bowel sounds quiet, umbilical stump dry and healing well

GU – No abnormality, no rash, dry diaper

Limbs – No rash, no deformity

Inspect posterior No abnormalities

- Review your list of possible causes of this neonate's fever. What are the top three most likely causes of this child's fever?
- What interventions do you anticipate this child will need?
- What is the definitive disposition for this child?
- While the child is in your care, what will you be reassessing?

Case B Part One

Patient: 2.5-year-old female

Chief complaint per EMS: "Febrile seizure."

PAT:

Appearance- Alert and awake

Work of Breathing – Respirations unlabored, no distress

Circulation- Flushed cheeks

What is the child's PAT priority?

List common causes of fever in this age group. Think broadly.

What are your next steps?

Case B

Part Two

Airway Patent

Breathing Respirations 28, no distress, lungs clear with good bilateral air entry

Circulation Pulse regular, central and peripheral pulses equal and strong, skin flushed, warm and dry, capillary refill < 2 seconds

Disability GCS-15, PERRL, alert and awake

Environment No rashes, no bruising/no petechiae, no deformity

Full set of vital signs

T: 38.6°C (101.5°F) rectally

HR: 140 beats/minute

RR: 28 breaths/minute

BP: 98/62 mm Hg

Family presence Mother at bedside

Get adjuncts and give comfort

SpO₂: 99% on room air

History - SAMPLE

- S:** Was found making a funny noise and shaking all over one hour ago
- A:** None
- M:** Acetaminophen last dose 4 hours prior to arrival (appropriate amount)
- P:** Recent upper respiratory tract infection two weeks ago, two ear infections in the past
- L:** Taking oral fluids, no solids for breakfast, toilet trained, no incontinence
- E:** Appeared to have recovered from URI, tugging at left ear and fever today, one episode of vomiting yesterday, two loose stools today

Head-to-toe exam

Head and neck: Neck supple, limbs flexed, irritable but settles with parent, tympanic membrane pink – no bulging

Chest – Air entry equal and clear, heart sounds normal

Abdomen – Flat, soft, bowel sounds quiet

GU – No abnormality, no rash, no URI symptoms

Limbs – No rash, no deformity, neurovascular intact

Inspect posterior No abnormalities

- Review your list of possible causes of this child's fever. What are the top three most likely causes of this child's fever?
- What interventions do you anticipate this child will need?
- What is the definitive disposition for this child?
- While the child is in your care, what will you be reassessing?

Case C

Part One

Patient: 14-year-old male with fever

Chief complaint: Fever and abdominal pain

PAT:

Appearance: Responds slowly to questions

Work of Breathing: Respirations rapid, no distress

Circulation: Pale, mottled extremities

What is the child's PAT priority?

List common causes of fever in this age group. Think broadly.

What are your next steps?

Case C

Part Two

Airway Patent
Breathing Respirations 28, no distress, air entry equal bilaterally, chest is clear to all lung fields
Circulation Pulse regular, central pulse strong, peripheral pulse is weak, skin temperature and color pale, skin cool and dry, limbs mottled, capillary refill 4 to 5 seconds
Disability GCS 14, PERRL, moves to command but slow to respond
Environment No rashes, no bruising/no petechiae, no deformity

Full set of vital signs

T: 38.8°C (101.8°F) orally
HR: 144 beats/minute
RR: 28 breaths/minute
BP: 80/40 mm Hg

Get adjuncts and give comfort

SpO₂: 94% on room air, monitor with sinus tachycardia, pain 8/10

History-SAMPLE

S: Fever for 24 hours, abdominal pain is severe, started mid abdomen now generalized abdominal pain, vomited once this am, two loose stools yesterday
A: None
M: Albuterol PRN, none x 2 months
P: Asthma
L: Decreased oral intake x 24 hours, no solids for over 24 hours,
E: Abdominal pain started 3 days ago, missed school yesterday, parent feels he child felt warm yesterday, feels hot today

Head-to-toe exam

Head and neck – Normal, neck supple, limbs flexed, no lymph nodes palpable
Chest – Air entry equal and clear
Cardiovascular – S1/S2 audible, no murmur
Abdomen – Flat, firm, tender to palpation in all quadrants, no bowel sounds
GU – No abnormality, no rash
Limbs – No rash, no deformity

Inspect posterior No abnormalities

- Review your list of possible causes of this adolescent's fever. What are the top three most likely causes of this child's fever?
- What interventions do you anticipate this child will need?
- What is the definitive disposition for this child?
- While the child is in your care, what will you be reassessing?

The Vomiting Child Group Activity One

Please list at least six causes of vomiting in a NEONATE. Highlight at least two causes that are potentially life threatening.

List signs and symptoms of dehydration in a NEONATE.

How would you measure intake and output in a NEONATE?

If your NEONATE was being discharged, what instructions would you provide the caregiver?

Any special considerations or important things to keep in mind when caring for a NEONATE who is vomiting?

The NEONATE has a blood glucose of 40 mg/dL. What interventions do you anticipate will be needed? Include concentration and volume of dextrose in your response.

The Vomiting Child Group Activity One

Please list at least six causes of vomiting in a TODDLER. Highlight at least two causes that are potentially life threatening.

List signs and symptoms of dehydration in a TODDLER.

How would you measure intake and output in a TODDLER?

If your TODDLER was being discharged, what instructions would you provide to the caregiver?

Any special considerations or important things to keep in mind when caring for a TODDLER who is vomiting?

The TODDLER has a blood glucose of 40 mg/dL. What interventions do you anticipate will be needed? Include concentration and volume of dextrose in your response.

The Vomiting Child Group Activity One

Please list at least six causes of vomiting in a SCHOOL-AGE CHILD. Highlight at least two causes that are potentially life threatening.

List signs and symptoms of dehydration in a SCHOOL-AGE CHILD.

How would you measure intake and output in a SCHOOL-AGE CHILD?

If your SCHOOL-AGE CHILD was being discharged, what instructions would you provide the caregiver?

Any special considerations or important things to keep in mind when caring for a SCHOOL-AGE CHILD who is vomiting?

The SCHOOL-AGE CHILD has a blood glucose of 40 mg/dL. What interventions do you anticipate will be needed? Include concentration and volume of dextrose in your response.

The Vomiting Child Group Activity Two

You are caring for a child with suspected **INTUSSUSCEPTION**.

INTUSSUSCEPTION is commonly seen in what age groups?

What signs and symptoms do you expect to see in a child with **INTUSSUSCEPTION**? Correlate findings with the Pediatric Nursing Process components – not all letters will be used.

A:

B:

C:

D:

E:

F:

G:

H:

What information obtained while taking a history would be expected in a child with **INTUSSUSCEPTION**?

If you suspect a child has **INTUSSUSCEPTION**, what questions might you ask the caregivers during your assessment?

What should every emergency nurse know about **INTUSSUSCEPTION**?

The Vomiting Child Group Activity Two

You are caring for a child with suspected **VOLVULUS/MALROTATION**.

VOLVULUS/MALROTATION is commonly seen in what age groups?

What signs and symptoms do you expect to see in a child with **VOLVULUS/MALROTATION**?
Correlate findings with the Pediatric Nursing Process components – not all letters will be used.

A:

B:

C:

D:

E:

F:

G:

H:

What information obtained while taking a history would be expected in a child with **VOLVULUS/MALROTATION**?

If you suspect a child has **VOLVULUS/MALROTATION**, what questions might you ask the caregivers during your assessment?

What should every emergency nurse know about **VOLVULUS/MALROTATION**?

The Vomiting Child Group Activity Two

You are caring for a child with suspected **PYLORIC STENOSIS**.

PYLORIC STENOSIS is commonly seen in what age groups?

What signs and symptoms do you expect to see in a child with **PYLORIC STENOSIS**? Correlate findings with the Pediatric Nursing Process components – not all letters will be used.

A:

B:

C:

D:

E:

F:

G:

H:

What information obtained while taking a history would be expected in a child with **PYLORIC STENOSIS**?

If you suspect a child has **PYLORIC STENOSIS**, what questions might you ask the caregivers during your assessment?

What should every emergency nurse know about **PYLORIC STENOSIS**?

The Vomiting Child Group Activity Two

You are caring for a child with suspected **GASTROENTERITIS**.

GASTROENTERITIS is commonly seen in what age groups?

What signs and symptoms do you expect to see in a child with **GASTROENTERITIS**? Correlate findings with the Pediatric Nursing Process components – not all letters will be used.

A:

B:

C:

D:

E:

F:

G:

H:

What information obtained while taking a history would be expected in a child with **GASTROENTERITIS**?

If you suspect a child has **GASTROENTERITIS**, what questions might you ask the caregivers during your assessment?

What should every emergency nurse know about **GASTROENTERITIS**?

Group One

Identify each step in the SIREN mnemonic and list the appropriate assessment/intervention steps with an example for each one

Step		Assessment/Intervention/Example
S		
I		
R		
E		
N		

Group Two

Identify the assessment findings for each of the toxidromes listed and an example of a substance that would produce the toxidrome

Toxidrome	Assessment findings	Substance
Anticholinergic		
Hallucinogenic		
Sedative/Hypnotic		

Group Three

Identify the assessment findings for each of the toxidromes listed and an example of a substance that would produce the toxidrome

Toxidrome	Assessment findings	Substance
<p style="text-align: center;">Cholinergic</p>		
<p style="text-align: center;">Opioid</p>		
<p style="text-align: center;">Sympathomimetic</p>		

Group Four

Complete the list of one-pill killers:

1. O ____ H _____
2. B ____ B _____
3. C _____ C _____ B _____
4. A ____ A _____ A _____
5. C _____ A _____
6. A _____ I _____

Complete the table:

Drug class/toxin	Found in	Antidote
	Metoprolol	
		N-Acetylcystine
Methanol, ethylene glycol	Antifreeze, windshield washer fluid	
	Metformin, glipizide, glyburide	
Calcium channel blockers		
		Atropine, pralidoxime

Group Activity

The Child with a Limp

Case One

What are possible causes of this child's symptoms?

What additional signs and symptoms would you look for?

What interventions do you anticipate will be necessary?

Pertinent Lab Values

Test	Result	Normal range
White blood cell count	78 × 10 ³ cells/mcL	4.5–11 × 10 ³ cells/mcL
Blasts (immature WBCs)	50%	0%
Platelets	47 × 10 ³ /mcL	150–400 × 10 ³ /mcL
Sodium	143 mEq/L	136–145 mEq/L
Potassium	4.2 mEq/L	3.5–5 mEq/L
Glucose	76 mg/dL	70–140 mg/dL
BUN	21 mg/dL	8–20 mg/dL
Phosphorus	5.3 mg/dL	3–4.5 mg/dL
Calcium	9 mg/dL	9–10.5 mg/dL
Lactate dehydrogenase	438 U/L	60–160 U/L
Uric acid	1942 mg/dL	2.5–8 mg/dL

Reference range source, facility ranges may vary: <https://www.merckmanuals.com/professional/appendixes/normal-laboratory-values/blood-tests-normal-values>