



2014 NCC Task Analysis Content Validation Study

Neonatal Pediatric Transport Subspecialty Examination

Final Report

NCC
676 N. Michigan Ave, Suite 3600
Chicago, IL 60611
(312) 951-0207



Table of Contents

Background and Overview

Development Process

Data Collection

Results and Review

Exhibits (1, 2 & 3)

1. Background and Overview

The purpose of the content validation/task analysis study is to describe the domain of practice, knowledge, skills and abilities that are essential to the specialty practice of health professionals who provide transport of neonatal and pediatric patients based on neonatal pediatric transport (NPT) knowledge.

The data collected from the content validation/task analysis study is used to identify possible content change to the NCC subspecialty examination in Neonatal Pediatric Transport and to insure skills, knowledge and abilities of those engaging in NPT practice are reflected in the NCC testing process

NCC NPT content team members, a geographically diverse group representing both academic and clinical practice venues, discussed practice norms and trends based on results of previous content validation results, practice changes and reviewed the existing exam content outline. These discussions were the basis for the development of the survey instrument. NCC leadership for content teams can be found at <http://www.nccwebsite.org/NCC-Leadership.aspx>.

In addition, over the past year NCC delivered a post-exam feedback survey to NPT examinees to evaluate that the content on the exam reflects their current practice. All NPT examinees received the post-exam survey regardless of pass/fail results.

2. Development Process

With psychometric consultation, the knowledge competencies and tasks/skills identified by the content team were formulated into a survey instrument. Questions asked for each knowledge component or domain for query centered on the following:

- Responsibilities for the assessment/management of neonatal or pediatric patients with certain conditions who are being transported
- Use of specialized equipment for neonatal/pediatric patients
- Drug management of the neonate or pediatric patient that requires transport
- Engagement of specific skills relative to neonatal/pediatric transport

In preparation of survey development the content team reviewed the current NCC competency statements and detailed content outlines for the NPT subspecialty examination. The content team identified essential knowledge, skills and abilities for this subspecialty and identified specialized equipment and skills used in neonatal pediatric transport. In addition to this the following documents were reviewed:

- Guidelines for Air And Ground Transport of Neonatal And Pediatric Patients
- ASTNA Patient Transport: Principles and Practice (Air & Surface Patient Transport: Principles and Practice)
- Neonatal Nursing Scope and Standards of Practice, ANA
- Pediatric Nursing Scope and Standards of Practice, ANA
- Guidelines for Perinatal Care, AAP
- Standards for Professional Nursing Practice in the Care of Women and Newborns

The NPT Content Team based on the document review identified competencies of health care professionals involved in neonatal pediatric transport. General discussion on the recently developed competency statements and content included in the exam outline was also initiated. After general discussion, the related tasks and skills associated with the specific content area were identified and prioritized.

3. Data Collection

Proprietary software was used for survey deployment and aggregate data compilation from survey responses. All those holding an NCC certificate of added qualification in NPT with a valid email address (665) were notified by email contact and a general invitation to participate was posted on the NCC website. To encourage participation constituents could earn CE if they completed the survey. 157 participated in the content validation survey, which provided a 24% response rate.

A copy of the content validation survey can be found in Exhibit 1 and the survey results can be found in Exhibit 2. New items included in the content validation survey were validation of the core competency statements for the NPT examination and invitations to survey takers to identify content or competencies that were not addressed in the survey.

Additionally, post-exam surveys were sent to recent examinees asking them to rate the applicability of the content tested to their practice. Participation was voluntary and was offered to all who took the exam regardless of pass or fail outcomes. A copy of the post-exam feedback survey can be found in Exhibit 3.

4. Survey Results and Review

Overall, the content validation analysis demonstrated extremely high ratings of the content included on the exam and the stated competency statements. The survey results can be found in Exhibit 2. Survey demographics reported that 35% of the respondents work in a Level III NICU setting, 14% working in PICU and the rest worked in areas such as ED, EMS, respiratory therapy departments and academic settings. Approximately 85% of NPT members are working full time. Sixty-one percent of those providing transport perform over 500 transports annually. The respondents represented an interprofessional team of providers with Nurses (55%), Advanced Practice Nurses (9.5%), Physicians (1%), Paramedics (10%), Respiratory Therapists (22.5%) and the rest "other". Twenty-two percent of responders held either a masters or doctoral degree while 50% held a BSN and 26% had an Associate or diploma degree. The majority of participants had over 15 years of practice (34%). Participants represented a broad demographic region from 38 different states. The majority of test takers (65%) transported both neonatal and pediatric patients while 23% only transported neonates and 3% only transported pediatric patients. 67% report they spend more than 50% of their time in transports with the majority of those occurring by ground.

In reviewing the survey results the first area on the survey was the core competency review. It was found that 95-100% of survey takers felt the core competencies were essential and either a frequent expectation or critical to patient outcomes for those who practice neonatal/pediatric transport. Over 98% of participants felt that the competencies were representative of the practice of the C-NPT credentialed professional. The majority of content were considered essential by participants and the survey was rich in comments and thought. The comments mentioned additional content to be included but most of that content is found in other parts of the exam.

In initial review it was noted that the following areas need to be discussed for ongoing relevance:

- Applying, maintaining and troubleshooting transcutaneous monitors.
- Applying and managing immobilization and traction devices
- Establishing intraosseous access
- Implementing c-spine precautions
- Inserting a chest tube
- Inserting a UAC
- Managing a patient on Heliox
- Managing patients on partial rebreather masks
- Mass transfusion of trauma patients
- Performing cardioversion
- Performing needle cricothyrotomy
- Human bites
- Radiation Exposure
- Thyroid Storm
- Use of CroFab, Cromolyn, Flumazenil, Inamrinone, Isuprel, Levalbuterol, Levetiracetam, Nitroglycerin, Nitroprusside, Ondansetron, Pancuronium, Penicillin, Procainamide, Propofol, Propranolol, Succinylcholine, Terbutaline, Thiopental, Verapamil

Some of the lower ratings made sense in that they may be outliers and not seen as often but remain essential for overall understanding of the NPT certified constituent. In review of the content outline for the exam 80-97% of the participants felt the content was adequately represented. Many of the areas above were rarely done but critical to know. Some important topics were related to how the question was asked and will be fixed on future surveys.

In addition to the content validation, over the past year, we have surveyed examinees to evaluate how the exam reflected on their practice and 25 completed the surveys. During this time frame 142 took the examination which provided us with a 17.6% response rate for the post-exam survey. The survey results can be found in Exhibit 3. Of those completing the survey 48% had 2-5 years of practice and 25% had over fifteen years. The respondents represented an interprofessional team of providers with Nurses (81%); Advanced Practice Nurses (4%); Physicians (14%) and Physicians Assistants (1%). Ninety-six percent of respondents are working full time providing direct patient care (84%) and most work in hospitals (88%). It was interesting to note that 40% work in level I units and 48% work in level III units. Of those taking the exam 48% were mandated by their employers. Overall majority of examinees felt the content areas were about right (92%) and reflected what is applied to their daily practice (92%). When looking specifically at neonatal practice 92% felt the content areas were about right and 100% felt that the content reflected what is applied to their daily practice. In regards to pediatric practice 88% felt the content area was about right and 92% felt the content was adequately reflected in their daily practice.

Both the post-exam and the content validation surveys were reviewed at the NPT content team meeting on January 15 & 16, 2015. The reviews were used to align the exam content with current NPT practice. Overall participants believe that the exam reflects their practice and the amount of content on the examination is appropriate to their practice as well. No changes were made to the NPT Grid. After reviewing the survey results and comments the content team felt that the following content should be considered on new exams:

- Hazardous Materials
- Calculation of drips
- Bronchiolitis

- Non-invasive ventilation
- High Frequency Ventilation
- Transfusions
- Surfactant, Mucomist, Atrovent, Phosphenytoid, Albuterol

In addition the content team felt the following were no longer appropriate exam items for the examination based on changes in practice and survey results:

- Human bites
- Cystic Fibrosis
- Hemophilia
- Blast injury
- Radiation Exposure
- Thyroid Storm
- Use of Cromolyn, Inamrinone, Isuprel, Nitroglycerin, Ondansetron, Procainamide, Verapamil, Activated charcoal

Exhibit 1 Neonatal Pediatric Transport (NPT)

NPT Content Validation Survey 1 Credit : 276 Questions

Introduction

NCC is conducting a content validation study for the Neonatal Pediatric Transport subspecialty exam. This is based on previous results of past content validations, review of standards of practice, professional literature and research.

Your responses as a professional holding a C-NPT credential, when compiled with the responses of your peers, will impact the test outline and drive new questions for future NCC examinations. Your input will be invaluable to the content team who is responsible for test development to insure the examination continues to reflect current practice in the specialty.

Upon your completion of the Neonatal Pediatric Transport content validation survey, NCC will award one (1) CE hour in NPT. Your CE hour will be automatically recorded into your online maintenance application within 12 hours. There will be no CE certificate issued as the credit is given in recognition of your participation in this content validation process and is not transferable for other purposes.

Thank you for your help with this process.

NCC

Neonatal Pediatric Transport (NPT) Core Competencies

The options that should be considered for each competency include

- This competency is essential and is a frequent expectation of the C-NPT credentialed professional
- This competency is essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed
- This competency is not essential
- This is not an expected competency of the C-NPT credentialed professional

Essential - an expected competency that an individual credentialed in Neonatal Pediatric Transport should possess no matter the educational background, practice practice setting, patient population focus, professional discipline or years of experience.

	Essential and is a frequent expectation of the C-NPT credentialed professional	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	Not essential	Not expected of the C-NPT credentialed professional
Obtain and interpret a pertinent history	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Systematically assess all body systems utilizing physical examination, developmental assessment and neurobehavioral assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utilize biophysical monitoring techniques to identify body system alterations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Identify life-threatening states and initiate appropriate interventions for the neonatal and pediatric patient	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recognize normal lab values and deviations in clinical laboratory and diagnostic data and identify potential significance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formulate and implement a plan of care in collaboration with physicians and other health care professionals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evaluate benefits and risks of diagnostic and therapeutic interventions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Understand the impact of transport physiology on both the neonatal/pediatric patient population and the accompanying transport team members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evaluate and document responses to interventions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apply safety principles of transport as applicable to both the neonatal/pediatric patient population and to the accompanying transport team members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Integrate legal and ethical principles into neonatal and pediatric transport situations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recognize the psychosocial aspects of neonatal/pediatric transport and potential impact on the family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Are these competencies in your experience

- A. Representative of the practice of the C-NPT credentialed professional
- B. Not Representative of the practice of the C-NPT credentialed professional

Exhibit 1 Neonatal Pediatric Transport (NPT)

If you selected B, please comment on your rationale for your opinion.

Are there any additional competencies that are not represented?

Core Elements Involved In Neonatal and/or Pediatric Transports

Transport Element

Listed below are a variety of elements related to both neonatal and pediatric transport processes. Please indicate the patient population and the frequency with which you as a member of a transport team engage in activities related to these aspects and whether knowledge of these elements is essential to stabilization and transport of neonatal and/or pediatric patients. *Note: All listings are presented in alphabetical order and the importance of the item should not be based on where it is placed on the list.*

Check the box if you consider the item essential as defined below. Leave the box blank if not essential.

- **Essential** - an expected knowledge that an individual credentialed in Neonatal Pediatric Transport should possess no matter the educational background, practice setting, patient population focus, professional discipline or years of experience

Check the frequency that is most representative of your practice.

- **Routinely** - applicable to more than 25% of your transports regardless of the total number performed
- **Frequently** - applicable to 5-25% of your transports regardless of the total number performed
- **Rarely** - applicable to less than 5% of your transport

Transport Element (check all that apply)

	Neonatal	Pediatric	Essential	Routinely	Frequently	Rarely	Never
Address legal/ethical issues in the transport setting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adjust care to account for transport environmental influences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adjust transport schedule or activities to account for crew stressors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apply laws of science (Boyle, Charles, Dalton) & other physiologic principles to transport management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communicate with families and other teams and services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Document transport findings, interventions and patient responses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Obtain informed consent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Participate in disaster planning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Participate in scheduled safety or survival training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform complex transports (ie., multiple patients, weather issues, prolonged time or distances)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use knowledge of recognized systems of care including hospital designations crucial to neonatal/pediatric populations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use regulations such as EMTALA, FAA to direct transport actions & patient management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Are there other factors that routinely influence your performance as a transport team member or have criticality to your stabilization and transport of the neonate and/or pediatric patient?

- Yes
 No

If yes, please list specifics below

Exhibit 1 Neonatal Pediatric Transport (NPT)

Apply, maintain & troubleshoot temperature sensing devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apply, maintain & troubleshoot end tidal CO2 monitors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apply, maintain & troubleshoot transcutaneous monitors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apply and manage immobilization and traction devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assess fluid status-dehydration/overload	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assess and provide pain management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assess and provide sedation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Establish intraosseous access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Establish peripheral intravenous access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evaluate developmental/behavioral status	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implement c-spine precautions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Induce therapeutic hypothermia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initiate mechanical ventilation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insert a chest tube	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insert a UAC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insert a UVC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interpret data from monitoring systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interpret laboratory data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interpret radiographs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage patient in an incubator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage patient on CPAP/NCPAP/BIPAP/NIV King Airway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage patient on Heliox	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage patient on iNO (nitric oxide)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage patient on mechanical ventilator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage patient on nasal cannula oxygen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage patient on nonrebreather mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage patient on partial rebreather mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage patient on simple O2 mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mass transfusion of trauma patient	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform age-appropriate resuscitation following AHA/AAP guidelines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform an intubation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform bag & mask ventilation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform cardiac defibrillation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform cardioversion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform needle aspiration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform needle cricothyrotomy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform pericardiocentesis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perform physical assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provide point of care testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recognize & intervene for states of hyperthermia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recognize & intervene for states of hypothermia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Exhibit 1 Neonatal Pediatric Transport (NPT)

Recognize & intervene for hypotension and shock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use & troubleshoot infusion pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use a laryngeal mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Are there other interventions involving equipment, skills or procedures routinely performed or critical to your role in stabilization and transport of the neonate and/or pediatric patient?

- Yes
 No

If yes, please list specifics below

Conditions Encountered in Transport

Listed below are a variety of conditions that may be encountered on neonatal and/or pediatric transports. Please indicate the patient population and the frequency with which you as a member of a transport team encounter these conditions and the knowledge essentiality of these conditions to your ability to provide stabilization and transport of neonatal and/or pediatric patients. *Note: All listings are presented in alphabetical order and the importance of the item should not be based on where it is placed on the list.*

Check the box if you consider the item essential as defined below. Leave the box blank if not essential.

- **Essential** - an expected knowledge that an individual credentialed in Neonatal Pediatric Transport should possess no matter the educational background, practice setting, patient population focus, professional discipline or years of experience

Check the frequency that is most representative of your practice.

- **Routinely** - encountered on more than 25% of your transports regardless of the total number performed
- **Frequently** - encountered on 5-25% of your transports regardless of the total number performed
- **Rarely** - encountered on less than 5% of your transport

Conditions Encountered in Transport (check all that apply)

	Neonatal	Pediatric	Essential	Routinely	Frequently	Rarely	Never
Accidental trauma	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acute renal failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air leak syndrome	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Altered mental status	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anaphylactic shock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anemia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aspiration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asthma	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asystole (cardiac failure)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blast injury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bradycardia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Burns and smoke inhalation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cardiogenic shock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Choanal atresia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chronic lung disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chronic renal insufficiency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coma	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Congenital anomalies (not listed elsewhere)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Congestive heart failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Croup(Laryngotracheobronchitis)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cyanotic heart disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cystic fibrosis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Exhibit 1 Neonatal Pediatric Transport (NPT)

Diabetes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diabetic ketoacidosis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diaphragmatic hernia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disseminated intravascular coagulation (DIC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distributive (septic) shock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dog or other animal bite	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ductal dependent heart lesions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dysrhythmias	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Effects of perinatal substance abuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electrolyte imbalances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Epiglottitis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fall injuries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Foreign body obstruction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fractures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gastroschisis/omphalocele	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GI hemorrhage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GI obstructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hemophilia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hemorrhage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Human bites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hypertension	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hypoglycemia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hypotension	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hypovolemic shock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased intracranial pressure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ingestions/poisonings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intracranial hemorrhage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Left-to-right intracardiac shunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Meningitis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Near drowning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Necrotizing enterocolitis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Neural tube defects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Neutropenia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-accidental trauma	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pericarditis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Persistent pulmonary hypertension of the newborn (PPHN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pierre Robin syndrome	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pneumonia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Postoperative cardiovascular repairs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pulmonary hypertension	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radiation exposure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Respiratory distress syndrome	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Respiratory failure	<input type="checkbox"/>	12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Exhibit 1 Neonatal Pediatric Transport (NPT)

Seizures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sepsis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sickle cell crisis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Status epilepticus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supraventricular tachycardia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surgical emergencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tachycardia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thrombocytopenia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thyroid storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tracheoesophageal fistula	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Very low birthweight infant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volvulus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If Other (please specify)

Transport Medications

Listed below are medications appropriate for a variety of conditions that may be encountered on neonatal and/or pediatric transports. Please indicate the patient population and the frequency with which you as a member of a transport team administer these medications and the knowledge essentiality of these medications in the neonatal pediatric transport setting. *Note: All listings are presented in alphabetical order and the importance of the item should not be based on where it is placed on the list.*

Check the box if you consider the item essential as defined below. Leave the box blank if not essential.

- **Essential** - an expected knowledge that an individual credentialed in Neonatal Pediatric Transport should possess no matter the educational background, practice setting, patient population focus, professional discipline or years of experience

Check the frequency that is most representative of your practice.

- **Routinely** - administered on more than 25% of your transports regardless of the total number performed
- **Frequently** - administered on 5-25% of your transports regardless of the total number performed
- **Rarely** - administered on less than 5% of your transport

Transport Medications (check all that apply)

	Administer to Neonatal	Administer to Pediatric	Essential	Routinely	Frequently	Rarely	Never
Acetaminophen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Activated charcoal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adenosine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Albuterol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alprostadil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ampicillin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Atropine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calcium chloride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calcium gluconate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ceftriaxone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CroFab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cromolyn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dexamethasone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dextrose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diazepam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Exhibit 1 Neonatal Pediatric Transport (NPT)

Epinephrine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fentanyl	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flumazenil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fosphenytoin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Furosemide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrocortisone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inamrinone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insulin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Isuprel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intravenous fluids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Levalbuterol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Levetiracetam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lidocaine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lorazepam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Magnesium sulfate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methylprednisolone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Midazolam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Milrinone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Morphine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Naloxone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitroglycerin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitroprusside	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Norepinephrine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ondansetron	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pancuronium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Penicillin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phenobarbital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Procainamide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Propofol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Propranolol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Racemic Epinephrine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roccuronium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sodium bicarbonate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Succinylcholine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surfactant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Terbutaline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thiopental	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vancomycin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vasopressin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vecuronium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Verapamil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vitamin K	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Are there other medications routinely administered or critical in the stabilization and transport of the neonate and/or pediatric patient?

Exhibit 1 Neonatal Pediatric Transport (NPT)

Yes

No

If yes, please list specifics below

Content Representation on Test Outline

The test outline percentage below represent the weighting of content on the neonatal pediatric transport subspecialty examination. Based on your experience, do these percentages adequately represent the knowledge needed for the professional providing stabilization and transport of the neonatal and/or pediatric patient in today's health care environment?

	Under-represented	Over-represented	Just about right
Core Knowledge Content-Applicable to both neonatal & Pediatric Patients at 50%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Neonatal Content-Disorders more commonly associated with the neonatal period (birth to 28 days) at 25%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pediatric Content-Disorders more commonly associated with patients of ages beyond the neonatal range at 25%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Neonatal Pediatric Transport Subspecialty Test Outline

The current subspecialty test outline is listed below.

Does this content adequately reflect what is applied to your daily practice?

Core Knowledge Content-Applicable to both Neonatal & Pediatric Patients

	Yes	No	Don't Know
Professional issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transport environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transport-related clinical management & skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Neonatal Content-Disorders more commonly associated with the neonatal period (birth to 28 days of life)

	Yes	No	Don't Know
Pulmonary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cardiovascular	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gastrointestinal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metabolic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CNS/neurologic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surgical emergencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special situations such as Extremely low birthweight infants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Pediatric Content-Disorders more commonly associated with patients of ages beyond the neonatal range

	Yes	No	Don't Know
Pulmonary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cardiovascular	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gastrointestinal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hematologic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Pediatric Content-Disorders more commonly associated with patients of ages beyond the neonatal range

Exhibit 1 Neonatal Pediatric Transport (NPT)

Metabolic/endocrine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CNS/neurologic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special situations such as bites, ingestions, near drowning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trauma	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multi-system disorders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Demographic Information

What is your profession?

- Nurse
- Nurse Practitioner
- Paramedic
- Physician
- Respiratory Therapist
- Other

If Other (please specify)

What is your highest level of education?

- MD/DO
- Doctorate - PhD
- Doctorate - DNP
- Post Master's
- Master's
- Baccalaureate Degree
- Associate Degree
- Diploma
- Other

If Other (please specify)

What is the age grouping of the patients you transport?

- Neonates only
- Pediatric patients only
- Mixed neonatal/pediatric population
- Other

If Other (please specify)

Select the percent that best represents the proportion of air or ground transports performed by your team

	less than 10%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
By Air	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
By Ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If Other (please specify)

What is your primary practice setting?

- Level I Normal Newborn Care
- Level II NICU
- Level III NICU
- PICU
- Emergency Department

Exhibit 1 Neonatal Pediatric Transport (NPT)

- EMS System
- Centralized Respiratory Therapy Department
- Academic Setting
- Other

If Other (please specify)

What type of position do you hold?

- Full time
- Part time

What Percentage of Your Total Work Time Involves Transport Activities?

- It is your primary position and neonatal/pediatric transport activities involve more than 50% of your work hours
- It is part of your position and neonatal/pediatric transport activities involve less than 50% but more than 10% of your work hours
- It is an added role for your position and less than 10% of your time is involved with neonatal/pediatric transport activities

How many transports does your team perform annually?

- Less than 100
- 100-300
- 301-500
- Over 500

How long have you been a neonatal pediatric transport professional?

- Less than a year
- 1-5 years
- 6-10 years
- 11-15 years
- 16-20 years
- Over 20 years

Which of the following best represents your team's primary location? (All locations refer to the United States (U.S.) unless otherwise noted)

Which of the following statements apply to your NCC credential in Neonatal Pediatric Transport (check all that apply)

- Having a C-NPT credential is required for employment
- C-NPT credentialing is encouraged
- C-NPT credentialing is not required or encouraged
- There is a financial incentive tied to having a C-NPT credential
- There is no financial incentive tied to having a C-NPT certification
- C-NPT credential was attained for personal reasons
- Having a C-NPT credential is tied to other employer-based recognition, please specify

Please specify other employer-based recognition

Based on a scale of 1% to 100%, please estimate and indicate the percent of time you spend in providing care for the patients within the following age groups in your role as a member of a neonatal pediatric transport team. The total should equal 100%

Patient Population

- Birth - 28 days of age
- 1 month - 1 year of age
- greater than 1 year - 5 years of age
- greater than 5 years - 10 years of age
- greater than 10 - 12 years of age
- greater than 12-18 years of age
- greater than 18 years of age

Exhibit 1 Neonatal Pediatric Transport (NPT)

In the last 24 months what new practice change(s) have been incorporated into your practice?

None

Listed below

List practice change(s) here:

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
Neonatal Pediatric Transport Core Competencies				
Obtain and interpret a pertinent history	Essential and is a frequent expectation of the C-NPT credentialed professional	193	97.97%	197
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	3	1.52%	
	Not essential	0	0%	
	Not expected of the C-NPT credentialed professional	1	0.51%	
Systematically assess all body systems utilizing physical examination, developmental assessment and neurobehavioral assessment	Essential and is a frequent expectation of the C-NPT credentialed professional	178	92.23%	193
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	14	7.25%	
	Not essential	1	0.52%	
	Not expected of the C-NPT credentialed professional	0	0%	
Utilize biophysical monitoring techniques to identify body system alterations	Essential and is a frequent expectation of the C-NPT credentialed professional	147	75.38%	195
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	43	22.05%	
	Not essential	4	2.05%	
	Not expected of the C-NPT credentialed professional	1	0.51%	
Identify life-threatening states and initiate appropriate interventions for the neonatal and pediatric patient	Essential and is a frequent expectation of the C-NPT credentialed professional	187	95.90%	195
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	8	4.10%	
	Not essential	0	0%	
	Not expected of the C-NPT credentialed professional	0	0%	
Recognize normal lab values and deviations in clinical laboratory and diagnostic data and identify potential significance.	Essential and is a frequent expectation of the C-NPT credentialed professional	181	92.35%	196
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	15	7.65%	
	Not essential	0	0%	
	Not expected of the C-NPT credentialed professional	0	0%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
Formulate and implement a plan of care in collaboration with physicians and other health care professionals	Essential and is a frequent expectation of the C-NPT credentialed professional	171	87.24%	196
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	24	12.24%	
	Not essential	0	0%	
	Not expected of the C-NPT credentialed professional	1	0.51%	
Evaluate benefits and risks of diagnostic and therapeutic interventions	Essential and is a frequent expectation of the C-NPT credentialed professional	148	75.90%	195
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	44	22.56%	
	Not essential	3	1.54%	
	Not expected of the C-NPT credentialed professional	0	0%	
Understand the impact of transport physiology on both the neonatal/pediatric patient population and the accompanying transport team members	Essential and is a frequent expectation of the C-NPT credentialed professional	174	88.78%	196
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	22	11.22%	
	Not essential	0	0%	
	Not expected of the C-NPT credentialed professional	0	0%	
Evaluate and document responses to interventions	Essential and is a frequent expectation of the C-NPT credentialed professional	179	91.79%	195
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	16	8.21%	
	Not essential	0	0%	
	Not expected of the C-NPT credentialed professional	0	0%	
Apply safety principles of transport as applicable to both the neonatal/pediatric patient population and to the accompanying transport team members	Essential and is a frequent expectation of the C-NPT credentialed professional	182	92.86%	196
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	14	7.14%	
	Not essential	0	0%	
	Not expected of the C-NPT credentialed professional	0	0%	
Integrate legal and ethical principles into neonatal and pediatric transport situations	Essential and is a frequent expectation of the C-NPT credentialed professional	125	64.10%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	61	31.28%	195
	Not essential	9	4.62%	
	Not expected of the C-NPT credentialed professional	0	0%	
Recognize the psychosocial aspects of neonatal/pediatric transport and potential impact on the family	Essential and is a frequent expectation of the C-NPT credentialed professional	133	68.56%	194
	Essential and critical to positive patient outcomes for the C-NPT credentialed professional but is not often performed	57	29.38%	
	Not essential	4	2.06%	
	Not expected of the C-NPT credentialed professional	0	0%	
Are these competencies in your experience	A. Representative of the practice of the C-NPT credentialed professional	194	98.98%	196
	B. Not Representative of the practice of the C-NPT credentialed professional	2	1.02%	

Core Elements Involved In Neonatal and/or Pediatric Transports

Transport Element - Listed below are a variety of elements related to both neonatal and pediatric transport processes. Please indicate the patient population and the frequency with which you as a member of a transport team engage in activities related to these aspects and whether knowledge of these elements is essential to stabilization and transport of neonatal and/or pediatric patients.

Address legal/ethical issues in the transport setting	Neonatal	157	84.41%	186
	Pediatric	138	74.19%	
	Essential	105	56.45%	
	Routinely	66	35.48%	
	Frequently	43	23.12%	
	Rarely	35	18.82%	
	Never	2	1.08%	
Adjust care to account for transport environmental influences	Neonatal	165	89.19%	185
	Pediatric	148	80%	
	Essential	146	78.92%	
	Routinely	80	43.24%	
	Frequently	18	9.73%	
	Rarely	9	4.86%	
	Never	0	0%	
Adjust transport schedule or activities to account for crew stressors	Neonatal	148	80%	185
	Pediatric	132	71.35%	
	Essential	90	48.65%	
	Routinely	42	22.70%	
	Frequently	35	18.92%	
	Rarely	72	38.92%	
	Never	9	4.86%	
Apply laws of science (Boyle, Charles, Dalton) & other physiologic principles	Neonatal	158	85.41%	
	Pediatric	143	77.30%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
to transport management	Essential	117	63.24%	185
	Routinely	68	36.76%	
	Frequently	34	18.38%	
	Rarely	36	19.46%	
	Never	3	1.62%	
Communicate with families and other teams and services	Neonatal	159	85.95%	185
	Pediatric	146	78.92%	
	Essential	173	93.51%	
	Routinely	77	41.62%	
	Frequently	11	5.95%	
	Rarely	1	0.54%	
	Never	0	0%	
Document transport findings, interventions and patient responses	Neonatal	160	86.49%	185
	Pediatric	145	78.38%	
	Essential	177	95.68%	
	Routinely	75	40.54%	
	Frequently	9	4.86%	
	Rarely	1	0.54%	
	Never	0	0%	
Obtain informed consent	Neonatal	160	86.49%	185
	Pediatric	146	78.92%	
	Essential	165	89.19%	
	Routinely	81	43.78%	
	Frequently	8	4.32%	
	Rarely	6	3.24%	
	Never	1	0.54%	
Participate in disaster planning	Neonatal	128	69.95%	183
	Pediatric	115	62.84%	
	Essential	62	33.88%	
	Routinely	30	16.39%	
	Frequently	30	16.39%	
	Rarely	80	43.72%	
	Never	22	12.02%	
Participate in scheduled safety or survival training	Neonatal	139	75.54%	184
	Pediatric	125	67.93%	
	Essential	112	60.87%	
	Routinely	57	30.98%	
	Frequently	45	24.46%	
	Rarely	27	14.67%	
	Never	10	5.43%	
Perform complex transports (ie., multiple patients, weather issues, prolonged time or distances)	Neonatal	157	84.86%	185
	Pediatric	139	75.14%	
	Essential	111	60%	
	Routinely	56	30.27%	
	Frequently	48	25.95%	
	Rarely	41	22.16%	
	Never	1	0.54%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
Use knowledge of recognized systems of care including hospital designations crucial to neonatal/pediatric populations	Neonatal	155	84.24%	184
	Pediatric	140	76.09%	
	Essential	133	72.28%	
	Routinely	67	36.41%	
	Frequently	26	14.13%	
	Rarely	18	9.78%	
	Never	4	2.17%	
Use regulations such as EMTALA, FAA to direct transport actions & patient management	Neonatal	151	81.18%	186
	Pediatric	139	74.73%	
	Essential	129	69.35%	
	Routinely	69	37.10%	
	Frequently	27	14.52%	
	Rarely	21	11.29%	
	Never	4	2.15%	
Are there other factors that routinely influence your performance as a transport team member or have criticality to your stabilization and transport of the neonate and/or pediatric patient?	Yes	28	15.38%	182
	No	154	84.62%	

Core Elements Involved In Neonatal and/or Pediatric Transports

Transport courses - Listed below are a number of courses with content related to the role of neonatal and/or pediatric transport team members. Please indicate any of the courses for which an active status is required or recommended for participation on your transport team.

NRP	Required for team participation	176	96.70%	182
	Recommended for team participation	5	2.75%	
	Not Applicable to transport program	2	1.10%	
PALS	Required for team participation	157	87.71%	179
	Recommended for team participation	18	10.06%	
	Not Applicable to transport program	5	2.79%	
ACLS	Required for team participation	121	70.35%	172
	Recommended for team participation	21	12.21%	
	Not Applicable to transport program	30	17.44%	
BLS	Required for team participation	175	97.77%	179
	Recommended for team participation	3	1.68%	
	Not Applicable to transport program	3	1.68%	
ATLS	Required for team participation	32	23.02%	139
	Recommended for team participation	38	27.34%	
	Not Applicable to transport program	70	50.36%	
BTLS	Required for team participation	16	12.21%	131
	Recommended for team participation	36	27.48%	
	Not Applicable to transport program	80	61.07%	
ITLS	Required for team participation	14	10.94%	128
	Recommended for team participation	33	25.78%	
	Not Applicable to transport program	82	64.06%	
ENPC	Required for team participation	17	12.41%	
	Recommended for team participation	40	29.20%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Not Applicable to transport program	80	58.39%	137
TNCC	Required for team participation	62	40%	155
	Recommended for team participation	38	24.52%	
	Not Applicable to transport program	55	35.48%	
S.T.A.B.L.E.	Required for team participation	88	52.69%	167
	Recommended for team participation	64	38.32%	
	Not Applicable to transport program	18	10.78%	
FEMA ICS 100	Required for team participation	48	34.29%	140
	Recommended for team participation	16	11.43%	
	Not Applicable to transport program	76	54.29%	
FEMA ICS 200	Required for team participation	48	34.29%	140
	Recommended for team participation	14	10%	
	Not Applicable to transport program	78	55.71%	
FEMA ICS 700	Required for team participation	47	33.10%	142
	Recommended for team participation	14	9.86%	
	Not Applicable to transport program	81	57.04%	
Pediatric Fundamental Critical Care Support Course	Required for team participation	19	14.50%	131
	Recommended for team participation	45	34.35%	
	Not Applicable to transport program	68	51.91%	
Are there other courses for which active status is required or recommended to participate as a member of your transport team?	Yes	66	37.93%	174
	No	108	62.07%	
Transport Intervention - Listed below are a variety of interventions involving equipment, skills and procedures related to both neonatal and pediatric transport processes. Please indicate the patient population and the frequency with which you as a member of a transport team use the equipment or perform the intervention and whether knowledge of the equipment, skill or procedure is essential to your ability to provide stabilization and transport of neonatal and/or pediatric patients.				
Administer blood or blood products	Neonatal	148	83.62%	177
	Pediatric	125	70.62%	
	Essential	102	57.63%	
	Routinely	14	7.91%	
	Frequently	31	17.51%	
	Rarely	100	56.50%	
	Never	6	3.39%	
Apply, maintain, & troubleshoot cardiac monitors	Neonatal	151	85.80%	176
	Pediatric	131	74.43%	
	Essential	167	94.89%	
	Routinely	88	50%	
	Frequently	9	5.11%	
	Rarely	5	2.84%	
	Never	0	0%	
Apply, maintain & troubleshoot pulse oximeters	Neonatal	152	86.36%	176
	Pediatric	130	73.86%	
	Essential	167	94.89%	
	Routinely	88	50%	
	Frequently	12	6.82%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Rarely	3	1.70%	176
	Never	0	0%	
Apply, maintain & troubleshoot temperature sensing devices	Neonatal	153	87.43%	175
	Pediatric	116	66.29%	
	Essential	153	87.43%	
	Routinely	87	49.71%	
	Frequently	14	8%	
	Rarely	12	6.86%	
	Never	0	0%	
Apply, maintain & troubleshoot end tidal CO2 monitors	Neonatal	138	79.31%	174
	Pediatric	130	74.71%	
	Essential	130	74.71%	
	Routinely	70	40.23%	
	Frequently	30	17.24%	
	Rarely	16	9.20%	
	Never	14	8.05%	
Apply, maintain & troubleshoot transcutaneous monitors	Neonatal	117	67.24%	174
	Pediatric	91	52.30%	
	Essential	69	39.66%	
	Routinely	27	15.52%	
	Frequently	18	10.34%	
	Rarely	51	29.31%	
	Never	58	33.33%	
Apply and manage immobilization and traction devices	Neonatal	92	52.87%	174
	Pediatric	122	70.11%	
	Essential	85	48.85%	
	Routinely	22	12.64%	
	Frequently	33	18.97%	
	Rarely	70	40.23%	
	Never	25	14.37%	
Assess fluid status-dehydration/overload	Neonatal	152	86.36%	176
	Pediatric	131	74.43%	
	Essential	158	89.77%	
	Routinely	87	49.43%	
	Frequently	15	8.52%	
	Rarely	4	2.27%	
	Never	0	0%	
Assess and provide pain management	Neonatal	148	84.09%	176
	Pediatric	131	74.43%	
	Essential	159	90.34%	
	Routinely	92	52.27%	
	Frequently	11	6.25%	
	Rarely	2	1.14%	
	Never	0	0%	
Assess and provide sedation	Neonatal	148	84.09%	
	Pediatric	131	74.43%	
	Essential	144	81.82%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Routinely	73	41.48%	176
	Frequently	31	17.61%	
	Rarely	7	3.98%	
	Never	1	0.57%	
Establish intraosseous access	Neonatal	112	64.37%	174
	Pediatric	133	76.44%	
	Essential	101	58.05%	
	Routinely	24	13.79%	
	Frequently	24	13.79%	
	Rarely	85	48.85%	
	Never	21	12.07%	
Establish peripheral intravenous access	Neonatal	149	84.66%	176
	Pediatric	131	74.43%	
	Essential	163	92.61%	
	Routinely	82	46.59%	
	Frequently	16	9.09%	
	Rarely	4	2.27%	
	Never	0	0%	
Evaluate developmental/behavioral status	Neonatal	135	77.14%	175
	Pediatric	128	73.14%	
	Essential	115	65.71%	
	Routinely	88	50.29%	
	Frequently	24	13.71%	
	Rarely	18	10.29%	
	Never	2	1.14%	
Implement c-spine precautions	Neonatal	88	51.46%	171
	Pediatric	123	71.93%	
	Essential	95	55.56%	
	Routinely	28	16.37%	
	Frequently	39	22.81%	
	Rarely	49	28.65%	
	Never	32	18.71%	
Induce therapeutic hypothermia	Neonatal	144	82.76%	174
	Pediatric	85	48.85%	
	Essential	105	60.34%	
	Routinely	24	13.79%	
	Frequently	42	24.14%	
	Rarely	67	38.51%	
	Never	13	7.47%	
Initiate mechanical ventilation	Neonatal	153	86.93%	176
	Pediatric	130	73.86%	
	Essential	158	89.77%	
	Routinely	79	44.89%	
	Frequently	26	14.77%	
	Rarely	7	3.98%	
	Never	0	0%	
Insert a chest tube	Neonatal	134	77.01%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Pediatric	106	60.92%	174
	Essential	88	50.57%	
	Routinely	20	11.49%	
	Frequently	26	14.94%	
	Rarely	74	42.53%	
	Never	39	22.41%	
	Neonatal	149	84.66%	
Pediatric	52	29.55%		
Essential	112	63.64%		
Routinely	34	19.32%		
Frequently	35	19.89%		
Rarely	42	23.86%		
Never	27	15.34%		
Insert a UVC	Neonatal	151	85.80%	176
	Pediatric	51	28.98%	
	Essential	117	66.48%	
	Routinely	39	22.16%	
	Frequently	43	24.43%	
	Rarely	35	19.89%	
	Never	19	10.80%	
Interpret data from monitoring systems	Neonatal	151	86.29%	175
	Pediatric	129	73.71%	
	Essential	161	92%	
	Routinely	93	53.14%	
	Frequently	12	6.86%	
	Rarely	1	0.57%	
	Never	0	0%	
Interpret laboratory data	Neonatal	153	86.93%	176
	Pediatric	131	74.43%	
	Essential	158	89.77%	
	Routinely	94	53.41%	
	Frequently	8	4.55%	
	Rarely	3	1.70%	
	Never	1	0.57%	
Interpret radiographs	Neonatal	152	86.36%	176
	Pediatric	130	73.86%	
	Essential	150	85.23%	
	Routinely	91	51.70%	
	Frequently	16	9.09%	
	Rarely	7	3.98%	
	Never	1	0.57%	
Manage patient in an incubator	Neonatal	151	86.29%	176
	Pediatric	62	35.43%	
	Essential	158	90.29%	
	Routinely	87	49.71%	
	Frequently	10	5.71%	
	Rarely	1	0.57%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Never	6	3.43%	175
Manage patient on CPAP/NCPAP/BIPAP/NIV King Airway	Neonatal	146	83.43%	175
	Pediatric	120	68.57%	
	Essential	139	79.43%	
	Routinely	74	42.29%	
	Frequently	32	18.29%	
	Rarely	12	6.86%	
	Never	2	1.14%	
Manage patient on Heliox	Neonatal	76	44.97%	169
	Pediatric	90	53.25%	
	Essential	63	37.28%	
	Routinely	13	7.69%	
	Frequently	11	6.51%	
	Rarely	43	25.44%	
	Never	87	51.48%	
Manage patient on iNO (nitric oxide)	Neonatal	148	84.57%	175
	Pediatric	87	49.71%	
	Essential	115	65.71%	
	Routinely	32	18.29%	
	Frequently	44	25.14%	
	Rarely	51	29.14%	
	Never	11	6.29%	
Manage patient on mechanical ventilator	Neonatal	154	87.50%	176
	Pediatric	129	73.30%	
	Essential	155	88.07%	
	Routinely	81	46.02%	
	Frequently	27	15.34%	
	Rarely	4	2.27%	
	Never	1	0.57%	
Manage patient on nasal cannula oxygen	Neonatal	153	86.93%	176
	Pediatric	129	73.30%	
	Essential	159	90.34%	
	Routinely	89	50.57%	
	Frequently	17	9.66%	
	Rarely	2	1.14%	
	Never	1	0.57%	
Manage patient on nonrebreather mask	Neonatal	86	49.14%	175
	Pediatric	134	76.57%	
	Essential	128	73.14%	
	Routinely	51	29.14%	
	Frequently	29	16.57%	
	Rarely	25	14.29%	
	Never	24	13.71%	
Manage patient on partial rebreather mask	Neonatal	83	48.54%	
	Pediatric	119	69.59%	
	Essential	95	55.56%	
	Routinely	33	19.30%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Frequently	22	12.87%	171
	Rarely	36	21.05%	
	Never	44	25.73%	
Manage patient on simple O2 mask	Neonatal	91	52.60%	173
	Pediatric	122	70.52%	
	Essential	106	61.27%	
	Routinely	40	23.12%	
	Frequently	23	13.29%	
	Rarely	43	24.86%	
	Never	31	17.92%	
Mass transfusion of trauma patient	Neonatal	65	38.01%	171
	Pediatric	105	61.40%	
	Essential	72	42.11%	
	Routinely	9	5.26%	
	Frequently	9	5.26%	
	Rarely	57	33.33%	
	Never	76	44.44%	
Perform age-appropriate resuscitation following AHA/AAP guidelines	Neonatal	148	84.57%	175
	Pediatric	129	73.71%	
	Essential	149	85.14%	
	Routinely	66	37.71%	
	Frequently	27	15.43%	
	Rarely	21	12%	
	Never	2	1.14%	
Perform an intubation	Neonatal	152	86.36%	176
	Pediatric	130	73.86%	
	Essential	144	81.82%	
	Routinely	57	32.39%	
	Frequently	36	20.45%	
	Rarely	19	10.80%	
	Never	8	4.55%	
Perform bag & mask ventilation	Neonatal	152	86.86%	175
	Pediatric	131	74.86%	
	Essential	152	86.86%	
	Routinely	57	32.57%	
	Frequently	38	21.71%	
	Rarely	16	9.14%	
	Never	0	0%	
Perform cardiac defibrillation	Neonatal	104	59.09%	176
	Pediatric	129	73.30%	
	Essential	119	67.61%	
	Routinely	11	6.25%	
	Frequently	13	7.39%	
	Rarely	87	49.43%	
	Never	29	16.48%	
Perform cardioversion	Neonatal	112	64%	
	Pediatric	127	72.57%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Essential	116	66.29%	175
	Routinely	10	5.71%	
	Frequently	10	5.71%	
	Rarely	87	49.71%	
	Never	33	18.86%	
Perform needle aspiration	Neonatal	148	84.09%	176
	Pediatric	120	68.18%	
	Essential	123	69.89%	
	Routinely	11	6.25%	
	Frequently	26	14.77%	
	Rarely	78	44.32%	
	Never	16	9.09%	
Perform needle cricothyrotomy	Neonatal	90	52.94%	170
	Pediatric	107	62.94%	
	Essential	67	39.41%	
	Routinely	9	5.29%	
	Frequently	3	1.76%	
	Rarely	42	24.71%	
	Never	98	57.65%	
Perform pericardiocentesis	Neonatal	97	57.06%	170
	Pediatric	92	54.12%	
	Essential	51	30%	
	Routinely	5	2.94%	
	Frequently	2	1.18%	
	Rarely	33	19.41%	
	Never	117	68.82%	
Perform physical assessment	Neonatal	154	87.50%	176
	Pediatric	134	76.14%	
	Essential	169	96.02%	
	Routinely	90	51.14%	
	Frequently	2	1.14%	
	Rarely	2	1.14%	
	Never	1	0.57%	
Provide point of care testing	Neonatal	151	85.80%	176
	Pediatric	133	75.57%	
	Essential	156	88.64%	
	Routinely	84	47.73%	
	Frequently	17	9.66%	
	Rarely	2	1.14%	
	Never	4	2.27%	
Recognize & intervene for states of hyperthermia	Neonatal	141	80.11%	176
	Pediatric	133	75.57%	
	Essential	141	80.11%	
	Routinely	48	27.27%	
	Frequently	32	18.18%	
	Rarely	36	20.45%	
	Never	4	2.27%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
Recognize & intervene for states of hypothermia	Neonatal	149	84.66%	176
	Pediatric	130	73.86%	
	Essential	146	82.95%	
	Routinely	59	33.52%	
	Frequently	31	17.61%	
	Rarely	27	15.34%	
	Never	1	0.57%	
Recognize & intervene for hypotension and shock	Neonatal	153	86.93%	176
	Pediatric	133	75.57%	
	Essential	159	90.34%	
	Routinely	70	39.77%	
	Frequently	29	16.48%	
	Rarely	8	4.55%	
	Never	0	0%	
Use & troubleshoot infusion pumps	Neonatal	151	85.80%	176
	Pediatric	131	74.43%	
	Essential	162	92.05%	
	Routinely	85	48.30%	
	Frequently	10	5.68%	
	Rarely	5	2.84%	
	Never	1	0.57%	
Use a laryngeal mask	Neonatal	123	70.69%	174
	Pediatric	119	68.39%	
	Essential	110	63.22%	
	Routinely	15	8.62%	
	Frequently	11	6.32%	
	Rarely	83	47.70%	
	Never	31	17.82%	
Are there other interventions involving equipment, skills or procedures routinely performed or critical to your role in stabilization and transport of the neonate and/or pediatric patient?	Yes	24	14.29%	168
	No	144	85.71%	
Conditions Encountered in Transport- Listed below are a variety of conditions that may be encountered on neonatal and/or pediatric transports. Please indicate the patient population and the frequency with which you as a member of a transport team encounter these conditions and the knowledge essentiality of these conditions to your ability to provide stabilization and transport of neonatal and/or pediatric patients.				
Accidental trauma	Neonatal	75	48.70%	154
	Pediatric	112	72.73%	
	Essential	97	62.99%	
	Routinely	30	19.48%	
	Frequently	47	30.52%	
	Rarely	31	20.13%	
	Never	18	11.69%	
Acute renal failure	Neonatal	95	61.69%	
	Pediatric	110	71.43%	
	Essential	85	55.19%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Routinely	18	11.69%	154
	Frequently	36	23.38%	
	Rarely	74	48.05%	
	Never	8	5.19%	
Air leak syndrome	Neonatal	118	77.12%	153
	Pediatric	95	62.09%	
	Essential	98	64.05%	
	Routinely	23	15.03%	
	Frequently	50	32.68%	
	Rarely	47	30.72%	
	Never	8	5.23%	
Altered mental status	Neonatal	77	49.36%	156
	Pediatric	115	73.72%	
	Essential	104	66.67%	
	Routinely	48	30.77%	
	Frequently	43	27.56%	
	Rarely	20	12.82%	
	Never	13	8.33%	
Anaphylactic shock	Neonatal	57	36.77%	155
	Pediatric	111	71.61%	
	Essential	96	61.94%	
	Routinely	14	9.03%	
	Frequently	23	14.84%	
	Rarely	61	39.35%	
	Never	26	16.77%	
Anemia	Neonatal	120	76.43%	157
	Pediatric	110	70.06%	
	Essential	108	68.79%	
	Routinely	24	15.29%	
	Frequently	51	32.48%	
	Rarely	47	29.94%	
	Never	3	1.91%	
Aspiration	Neonatal	120	76.43%	157
	Pediatric	110	70.06%	
	Essential	109	69.43%	
	Routinely	35	22.29%	
	Frequently	59	37.58%	
	Rarely	29	18.47%	
	Never	4	2.55%	
Asthma	Neonatal	50	32.47%	154
	Pediatric	112	72.73%	
	Essential	109	70.78%	
	Routinely	55	35.71%	
	Frequently	28	18.18%	
	Rarely	10	6.49%	
	Never	24	15.58%	
Asystole (cardiac failure)	Neonatal	106	68.39%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Pediatric	111	71.61%	155
	Essential	102	65.81%	
	Routinely	10	6.45%	
	Frequently	17	10.97%	
	Rarely	81	52.26%	
	Never	18	11.61%	
	Blast injury	Neonatal	47	
	Pediatric	93	62%	
	Essential	43	28.67%	
	Routinely	5	3.33%	
	Frequently	3	2%	
	Rarely	57	38%	
	Never	74	49.33%	
Bradycardia	Neonatal	126	80.25%	157
	Pediatric	110	70.06%	
	Essential	123	78.34%	
	Routinely	34	21.66%	
	Frequently	34	21.66%	
	Rarely	45	28.66%	
	Never	3	1.91%	
Burns and smoke inhalation	Neonatal	53	34.42%	154
	Pediatric	105	68.18%	
	Essential	82	53.25%	
	Routinely	8	5.19%	
	Frequently	23	14.94%	
	Rarely	63	40.91%	
	Never	36	23.38%	
Cardiogenic shock	Neonatal	113	72.90%	155
	Pediatric	112	72.26%	
	Essential	108	69.68%	
	Routinely	29	18.71%	
	Frequently	43	27.74%	
	Rarely	47	30.32%	
	Never	8	5.16%	
Choanal atresia	Neonatal	129	82.69%	156
	Pediatric	34	21.79%	
	Essential	97	62.18%	
	Routinely	13	8.33%	
	Frequently	26	16.67%	
	Rarely	82	52.56%	
	Never	11	7.05%	
Chronic lung disease	Neonatal	109	69.43%	
	Pediatric	110	70.06%	
	Essential	112	71.34%	
	Routinely	40	25.48%	
	Frequently	53	33.76%	
	Rarely	25	15.92%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Never	4	2.55%	157
Chronic renal insufficiency	Neonatal	68	43.87%	155
	Pediatric	109	70.32%	
	Essential	78	50.32%	
	Routinely	16	10.32%	
	Frequently	21	13.55%	
	Rarely	77	49.68%	
	Never	19	12.26%	
Coma	Neonatal	65	42.48%	153
	Pediatric	105	68.63%	
	Essential	79	51.63%	
	Routinely	14	9.15%	
	Frequently	20	13.07%	
	Rarely	60	39.22%	
	Never	37	24.18%	
Congenital anomalies (not listed elsewhere)	Neonatal	128	81.53%	157
	Pediatric	88	56.05%	
	Essential	101	64.33%	
	Routinely	39	24.84%	
	Frequently	49	31.21%	
	Rarely	28	17.83%	
	Never	6	3.82%	
Congestive heart failure	Neonatal	106	67.95%	156
	Pediatric	110	70.51%	
	Essential	103	66.03%	
	Routinely	34	21.79%	
	Frequently	42	26.92%	
	Rarely	44	28.21%	
	Never	11	7.05%	
Croup(Laryngotracheobronchitis)	Neonatal	47	30.13%	156
	Pediatric	115	73.72%	
	Essential	96	61.54%	
	Routinely	38	24.36%	
	Frequently	48	30.77%	
	Rarely	21	13.46%	
	Never	21	13.46%	
Cyanotic heart disease	Neonatal	126	80.77%	156
	Pediatric	88	56.41%	
	Essential	116	74.36%	
	Routinely	51	32.69%	
	Frequently	41	26.28%	
	Rarely	26	16.67%	
	Never	3	1.92%	
Cystic fibrosis	Neonatal	51	32.90%	156
	Pediatric	109	70.32%	
	Essential	74	47.74%	
	Routinely	14	9.03%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Frequently	33	21.29%	155
	Rarely	64	41.29%	
	Never	27	17.42%	
Diabetes	Neonatal	46	29.68%	155
	Pediatric	112	72.26%	
	Essential	105	67.74%	
	Routinely	50	32.26%	
	Frequently	30	19.35%	
	Rarely	17	10.97%	
	Never	26	16.77%	
Diabetic ketoacidosis	Neonatal	37	23.87%	155
	Pediatric	114	73.55%	
	Essential	101	65.16%	
	Routinely	53	34.19%	
	Frequently	30	19.35%	
	Rarely	14	9.03%	
	Never	27	17.42%	
Diaphragmatic hernia	Neonatal	130	83.33%	156
	Pediatric	37	23.72%	
	Essential	108	69.23%	
	Routinely	32	20.51%	
	Frequently	34	21.79%	
	Rarely	55	35.26%	
	Never	3	1.92%	
Disseminated intravascular coagulation (DIC)	Neonatal	102	64.97%	157
	Pediatric	105	66.88%	
	Essential	98	62.42%	
	Routinely	16	10.19%	
	Frequently	27	17.20%	
	Rarely	76	48.41%	
	Never	14	8.92%	
Distributive (septic) shock	Neonatal	114	73.08%	156
	Pediatric	113	72.44%	
	Essential	119	76.28%	
	Routinely	34	21.79%	
	Frequently	49	31.41%	
	Rarely	33	21.15%	
	Never	5	3.21%	
Dog or other animal bite	Neonatal	49	31.82%	154
	Pediatric	110	71.43%	
	Essential	56	36.36%	
	Routinely	10	6.49%	
	Frequently	26	16.88%	
	Rarely	65	42.21%	
	Never	42	27.27%	
Ductal dependent heart lesions	Neonatal	131	83.97%	
	Pediatric	54	34.62%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Essential	116	74.36%	156
	Routinely	47	30.13%	
	Frequently	45	28.85%	
	Rarely	27	17.31%	
	Never	1	0.64%	
Dysrhythmias	Neonatal	112	72.26%	155
	Pediatric	112	72.26%	
	Essential	109	70.32%	
	Routinely	28	18.06%	
	Frequently	40	25.81%	
	Rarely	46	29.68%	
	Never	9	5.81%	
Effects of perinatal substance abuse	Neonatal	129	82.69%	156
	Pediatric	34	21.79%	
	Essential	105	67.31%	
	Routinely	43	27.56%	
	Frequently	40	25.64%	
	Rarely	40	25.64%	
	Never	4	2.56%	
Electrolyte imbalances	Neonatal	126	80.25%	157
	Pediatric	113	71.97%	
	Essential	126	80.25%	
	Routinely	42	26.75%	
	Frequently	44	28.03%	
	Rarely	26	16.56%	
	Never	1	0.64%	
Epiglottitis	Neonatal	44	28.57%	154
	Pediatric	113	73.38%	
	Essential	88	57.14%	
	Routinely	15	9.74%	
	Frequently	16	10.39%	
	Rarely	63	40.91%	
	Never	35	22.73%	
Fall injuries	Neonatal	50	32.47%	154
	Pediatric	111	72.08%	
	Essential	91	59.09%	
	Routinely	23	14.94%	
	Frequently	42	27.27%	
	Rarely	35	22.73%	
	Never	26	16.88%	
Foreign body obstruction	Neonatal	48	30.97%	155
	Pediatric	114	73.55%	
	Essential	96	61.94%	
	Routinely	19	12.26%	
	Frequently	31	20%	
	Rarely	56	36.13%	
	Never	24	15.48%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
Fractures	Neonatal	69	44.52%	155
	Pediatric	114	73.55%	
	Essential	94	60.65%	
	Routinely	26	16.77%	
	Frequently	41	26.45%	
	Rarely	48	30.97%	
	Never	16	10.32%	
Gastroschisis/omphalocele	Neonatal	130	83.33%	156
	Pediatric	26	16.67%	
	Essential	104	66.67%	
	Routinely	23	14.74%	
	Frequently	52	33.33%	
	Rarely	49	31.41%	
	Never	5	3.21%	
GI hemorrhage	Neonatal	83	53.55%	155
	Pediatric	109	70.32%	
	Essential	93	60%	
	Routinely	14	9.03%	
	Frequently	23	14.84%	
	Rarely	74	47.74%	
	Never	17	10.97%	
GI obstructions	Neonatal	116	74.36%	156
	Pediatric	102	65.38%	
	Essential	100	64.10%	
	Routinely	30	19.23%	
	Frequently	43	27.56%	
	Rarely	51	32.69%	
	Never	6	3.85%	
Hemophilia	Neonatal	56	36.36%	154
	Pediatric	103	66.88%	
	Essential	64	41.56%	
	Routinely	9	5.84%	
	Frequently	16	10.39%	
	Rarely	71	46.10%	
	Never	40	25.97%	
Hemorrhage	Neonatal	108	69.23%	156
	Pediatric	110	70.51%	
	Essential	103	66.03%	
	Routinely	24	15.38%	
	Frequently	32	20.51%	
	Rarely	61	39.10%	
	Never	10	6.41%	
Human bites	Neonatal	54	35.29%	
	Pediatric	92	60.13%	
	Essential	41	26.80%	
	Routinely	7	4.58%	
	Frequently	5	3.27%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Rarely	50	32.68%	153
	Never	79	51.63%	
Hypertension	Neonatal	94	61.04%	154
	Pediatric	110	71.43%	
	Essential	95	61.69%	
	Routinely	20	12.99%	
	Frequently	36	23.38%	
	Rarely	46	29.87%	
	Never	20	12.99%	
Hypoglycemia	Neonatal	131	83.44%	157
	Pediatric	107	68.15%	
	Essential	127	80.89%	
	Routinely	57	36.31%	
	Frequently	40	25.48%	
	Rarely	19	12.10%	
	Never	0	0%	
Hypotension	Neonatal	131	83.97%	156
	Pediatric	113	72.44%	
	Essential	130	83.33%	
	Routinely	54	34.62%	
	Frequently	45	28.85%	
	Rarely	12	7.69%	
	Never	1	0.64%	
Hypovolemic shock	Neonatal	125	79.62%	157
	Pediatric	114	72.61%	
	Essential	125	79.62%	
	Routinely	50	31.85%	
	Frequently	46	29.30%	
	Rarely	19	12.10%	
	Never	2	1.27%	
Increased intracranial pressure	Neonatal	90	58.06%	155
	Pediatric	113	72.90%	
	Essential	111	71.61%	
	Routinely	32	20.65%	
	Frequently	34	21.94%	
	Rarely	45	29.03%	
	Never	14	9.03%	
Ingestions/poisonings	Neonatal	43	27.74%	155
	Pediatric	112	72.26%	
	Essential	92	59.35%	
	Routinely	32	20.65%	
	Frequently	43	27.74%	
	Rarely	29	18.71%	
	Never	26	16.77%	
Intracranial hemorrhage	Neonatal	116	73.89%	
	Pediatric	94	59.87%	
	Essential	118	75.16%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Routinely	36	22.93%	157
	Frequently	40	25.48%	
	Rarely	41	26.11%	
	Never	4	2.55%	
Left-to-right intracardiac shunting	Neonatal	126	81.82%	154
	Pediatric	66	42.86%	
	Essential	109	70.78%	
	Routinely	31	20.13%	
	Frequently	45	29.22%	
	Rarely	42	27.27%	
	Never	3	1.95%	
Meningitis	Neonatal	92	59.35%	155
	Pediatric	110	70.97%	
	Essential	104	67.10%	
	Routinely	27	17.42%	
	Frequently	37	23.87%	
	Rarely	56	36.13%	
	Never	7	4.52%	
Near drowning	Neonatal	42	27.10%	155
	Pediatric	110	70.97%	
	Essential	90	58.06%	
	Routinely	17	10.97%	
	Frequently	38	24.52%	
	Rarely	52	33.55%	
	Never	25	16.13%	
Necrotizing enterocolitis	Neonatal	126	81.29%	155
	Pediatric	31	20%	
	Essential	112	72.26%	
	Routinely	34	21.94%	
	Frequently	42	27.10%	
	Rarely	42	27.10%	
	Never	5	3.23%	
Neural tube defects	Neonatal	121	78.06%	155
	Pediatric	41	26.45%	
	Essential	91	58.71%	
	Routinely	23	14.84%	
	Frequently	34	21.94%	
	Rarely	60	38.71%	
	Never	13	8.39%	
Neutropenia	Neonatal	103	66.03%	156
	Pediatric	106	67.95%	
	Essential	94	60.26%	
	Routinely	26	16.67%	
	Frequently	41	26.28%	
	Rarely	60	38.46%	
	Never	4	2.56%	
Non-accidental trauma	Neonatal	78	50.32%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Pediatric	111	71.61%	155
	Essential	106	68.39%	
	Routinely	25	16.13%	
	Frequently	51	32.90%	
	Rarely	34	21.94%	
	Never	16	10.32%	
	Pericarditis	Neonatal	75	
	Pediatric	105	67.74%	
	Essential	77	49.68%	
	Routinely	14	9.03%	
	Frequently	21	13.55%	
	Rarely	70	45.16%	
	Never	31	20%	
Persistent pulmonary hypertension of the newborn (PPHN)	Neonatal	131	83.44%	157
	Pediatric	27	17.20%	
	Essential	120	76.43%	
	Routinely	41	26.11%	
	Frequently	43	27.39%	
	Rarely	30	19.11%	
	Never	5	3.18%	
Pierre Robin syndrome	Neonatal	129	82.17%	157
	Pediatric	42	26.75%	
	Essential	98	62.42%	
	Routinely	19	12.10%	
	Frequently	28	17.83%	
	Rarely	79	50.32%	
	Never	9	5.73%	
Pneumonia	Neonatal	123	78.34%	157
	Pediatric	112	71.34%	
	Essential	127	80.89%	
	Routinely	57	36.31%	
	Frequently	38	24.20%	
	Rarely	11	7.01%	
	Never	6	3.82%	
Postoperative cardiovascular repairs	Neonatal	100	64.52%	155
	Pediatric	105	67.74%	
	Essential	88	56.77%	
	Routinely	20	12.90%	
	Frequently	37	23.87%	
	Rarely	41	26.45%	
	Never	29	18.71%	
Pulmonary hypertension	Neonatal	117	74.05%	
	Pediatric	99	62.66%	
	Essential	110	69.62%	
	Routinely	35	22.15%	
	Frequently	43	27.22%	
	Rarely	38	24.05%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Never	8	5.06%	158
Radiation exposure	Neonatal	52	33.77%	154
	Pediatric	70	45.45%	
	Essential	32	20.78%	
	Routinely	8	5.19%	
	Frequently	6	3.90%	
	Rarely	33	21.43%	
	Never	99	64.29%	
Respiratory distress syndrome	Neonatal	128	82.05%	156
	Pediatric	78	50%	
	Essential	133	85.26%	
	Routinely	82	52.56%	
	Frequently	16	10.26%	
	Rarely	9	5.77%	
	Never	0	0%	
Respiratory failure	Neonatal	124	80%	155
	Pediatric	110	70.97%	
	Essential	127	81.94%	
	Routinely	70	45.16%	
	Frequently	27	17.42%	
	Rarely	13	8.39%	
	Never	0	0%	
Seizures	Neonatal	124	78.48%	158
	Pediatric	113	71.52%	
	Essential	129	81.65%	
	Routinely	64	40.51%	
	Frequently	32	20.25%	
	Rarely	14	8.86%	
	Never	2	1.27%	
Sepsis	Neonatal	131	83.44%	157
	Pediatric	112	71.34%	
	Essential	133	84.71%	
	Routinely	72	45.86%	
	Frequently	22	14.01%	
	Rarely	14	8.92%	
	Never	1	0.64%	
Sickle cell crisis	Neonatal	46	29.30%	157
	Pediatric	111	70.70%	
	Essential	75	47.77%	
	Routinely	20	12.74%	
	Frequently	31	19.75%	
	Rarely	55	35.03%	
	Never	33	21.02%	
Status epilepticus	Neonatal	67	42.95%	157
	Pediatric	110	70.51%	
	Essential	105	67.31%	
	Routinely	38	24.36%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Frequently	37	23.72%	156
	Rarely	29	18.59%	
	Never	21	13.46%	
Supraventricular tachycardia	Neonatal	116	73.89%	157
	Pediatric	109	69.43%	
	Essential	111	70.70%	
	Routinely	20	12.74%	
	Frequently	42	26.75%	
	Rarely	61	38.85%	
	Never	2	1.27%	
Surgical emergencies	Neonatal	122	77.22%	158
	Pediatric	108	68.35%	
	Essential	116	73.42%	
	Routinely	30	18.99%	
	Frequently	38	24.05%	
	Rarely	48	30.38%	
	Never	7	4.43%	
Tachycardia	Neonatal	126	79.75%	158
	Pediatric	111	70.25%	
	Essential	118	74.68%	
	Routinely	49	31.01%	
	Frequently	39	24.68%	
	Rarely	27	17.09%	
	Never	5	3.16%	
Thrombocytopenia	Neonatal	104	67.97%	153
	Pediatric	104	67.97%	
	Essential	96	62.75%	
	Routinely	20	13.07%	
	Frequently	32	20.92%	
	Rarely	69	45.10%	
	Never	3	1.96%	
Thyroid storm	Neonatal	45	29.41%	153
	Pediatric	81	52.94%	
	Essential	49	32.03%	
	Routinely	6	3.92%	
	Frequently	5	3.27%	
	Rarely	59	38.56%	
	Never	68	44.44%	
Tracheoesophageal fistula	Neonatal	126	80.25%	157
	Pediatric	38	24.20%	
	Essential	103	65.61%	
	Routinely	22	14.01%	
	Frequently	38	24.20%	
	Rarely	63	40.13%	
	Never	5	3.18%	
Very low birthweight infant	Neonatal	127	81.94%	
	Pediatric	25	16.13%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Essential	114	73.55%	155
	Routinely	60	38.71%	
	Frequently	30	19.35%	
	Rarely	25	16.13%	
	Never	4	2.58%	
Volvulus	Neonatal	114	73.55%	155
	Pediatric	65	41.94%	
	Essential	93	60%	
	Routinely	20	12.90%	
	Frequently	29	18.71%	
	Rarely	71	45.81%	
	Never	12	7.74%	
Other	Neonatal	7	25%	28
	Pediatric	6	21.43%	
	Essential	8	28.57%	
	Routinely	4	14.29%	
	Frequently	5	17.86%	
	Rarely	7	25%	
	Never	9	32.14%	
Transport Medications- Listed below are medications appropriate for a variety of conditions that may be encountered on neonatal and/or pediatric transports. Please indicate the patient population and the frequency with which you as a member of a transport team administer these medications and the knowledge essentiality of these medications in the neonatal pediatric transport setting.				
Acetaminophen	Administer to Neonatal	59	41.26%	143
	Administer to Pediatric	108	75.52%	
	Essential	90	62.94%	
	Routinely	29	20.28%	
	Frequently	29	20.28%	
	Rarely	39	27.27%	
	Never	15	10.49%	
Activated charcoal	Administer to Neonatal	21	14.89%	141
	Administer to Pediatric	89	63.12%	
	Essential	52	36.88%	
	Routinely	7	4.96%	
	Frequently	8	5.67%	
	Rarely	56	39.72%	
	Never	55	39.01%	
Adenosine	Administer to Neonatal	97	66.90%	145
	Administer to Pediatric	101	69.66%	
	Essential	98	67.59%	
	Routinely	10	6.90%	
	Frequently	24	16.55%	
	Rarely	71	48.97%	
	Never	8	5.52%	
Albuterol	Administer to Neonatal	66	45.52%	
	Administer to Pediatric	110	75.86%	
	Essential	110	75.86%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Routinely	62	42.76%	145
	Frequently	29	20%	
	Rarely	13	8.97%	
	Never	5	3.45%	
Alprostadiil	Administer to Neonatal	112	76.71%	146
	Administer to Pediatric	37	25.34%	
	Essential	93	63.70%	
	Routinely	26	17.81%	
	Frequently	38	26.03%	
	Rarely	40	27.40%	
	Never	17	11.64%	
Ampicillin	Administer to Neonatal	128	85.91%	149
	Administer to Pediatric	76	51.01%	
	Essential	112	75.17%	
	Routinely	72	48.32%	
	Frequently	29	19.46%	
	Rarely	10	6.71%	
	Never	4	2.68%	
Atropine	Administer to Neonatal	88	60.69%	145
	Administer to Pediatric	101	69.66%	
	Essential	93	64.14%	
	Routinely	14	9.66%	
	Frequently	29	20%	
	Rarely	68	46.90%	
	Never	11	7.59%	
Calcium chloride	Administer to Neonatal	80	56.74%	141
	Administer to Pediatric	93	65.96%	
	Essential	76	53.90%	
	Routinely	9	6.38%	
	Frequently	14	9.93%	
	Rarely	73	51.77%	
	Never	24	17.02%	
Calcium gluconate	Administer to Neonatal	99	67.81%	146
	Administer to Pediatric	82	56.16%	
	Essential	85	58.22%	
	Routinely	16	10.96%	
	Frequently	26	17.81%	
	Rarely	70	47.95%	
	Never	12	8.22%	
Ceftriaxone	Administer to Neonatal	74	52.48%	141
	Administer to Pediatric	94	66.67%	
	Essential	86	60.99%	
	Routinely	36	25.53%	
	Frequently	33	23.40%	
	Rarely	32	22.70%	
	Never	16	11.35%	
CroFab	Administer to Neonatal	24	18.05%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Administer to Pediatric	50	37.59%	133
	Essential	27	20.30%	
	Routinely	5	3.76%	
	Frequently	6	4.51%	
	Rarely	21	15.79%	
	Never	95	71.43%	
Cromolyn	Administer to Neonatal	30	22.39%	134
	Administer to Pediatric	45	33.58%	
	Essential	21	15.67%	
	Routinely	4	2.99%	
	Frequently	7	5.22%	
	Rarely	12	8.96%	
Dexamethasone	Administer to Neonatal	79	54.86%	144
	Administer to Pediatric	94	65.28%	
	Essential	90	62.50%	
	Routinely	29	20.14%	
	Frequently	30	20.83%	
	Rarely	39	27.08%	
Dextrose	Administer to Neonatal	126	85.14%	148
	Administer to Pediatric	105	70.95%	
	Essential	122	82.43%	
	Routinely	78	52.70%	
	Frequently	22	14.86%	
	Rarely	8	5.41%	
Diazepam	Administer to Neonatal	76	54.29%	140
	Administer to Pediatric	99	70.71%	
	Essential	85	60.71%	
	Routinely	26	18.57%	
	Frequently	34	24.29%	
	Rarely	39	27.86%	
Epinephrine	Administer to Neonatal	121	82.88%	146
	Administer to Pediatric	104	71.23%	
	Essential	112	76.71%	
	Routinely	32	21.92%	
	Frequently	31	21.23%	
	Rarely	51	34.93%	
Fentanyl	Administer to Neonatal	113	76.87%	
	Administer to Pediatric	102	69.39%	
	Essential	113	76.87%	
	Routinely	52	35.37%	
	Frequently	50	34.01%	
	Rarely	12	8.16%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Never	3	2.04%	147
Flumazenil	Administer to Neonatal	52	38.52%	135
	Administer to Pediatric	70	51.85%	
	Essential	50	37.04%	
	Routinely	2	1.48%	
	Frequently	11	8.15%	
	Rarely	51	37.78%	
	Never	59	43.70%	
Fosphenytoin	Administer to Neonatal	69	49.64%	139
	Administer to Pediatric	90	64.75%	
	Essential	90	64.75%	
	Routinely	24	17.27%	
	Frequently	36	25.90%	
	Rarely	28	20.14%	
	Never	24	17.27%	
Furosemide	Administer to Neonatal	91	63.64%	143
	Administer to Pediatric	94	65.73%	
	Essential	85	59.44%	
	Routinely	17	11.89%	
	Frequently	21	14.69%	
	Rarely	64	44.76%	
	Never	20	13.99%	
Hydrocortisone	Administer to Neonatal	81	57.45%	141
	Administer to Pediatric	87	61.70%	
	Essential	83	58.87%	
	Routinely	14	9.93%	
	Frequently	22	15.60%	
	Rarely	59	41.84%	
	Never	25	17.73%	
Inamrinone	Administer to Neonatal	34	26.15%	130
	Administer to Pediatric	46	35.38%	
	Essential	33	25.38%	
	Routinely	1	0.77%	
	Frequently	4	3.08%	
	Rarely	33	25.38%	
	Never	82	63.08%	
Insulin	Administer to Neonatal	70	48.95%	143
	Administer to Pediatric	104	72.73%	
	Essential	97	67.83%	
	Routinely	34	23.78%	
	Frequently	30	20.98%	
	Rarely	34	23.78%	
	Never	18	12.59%	
Isuprel	Administer to Neonatal	42	31.11%	
	Administer to Pediatric	56	41.48%	
	Essential	37	27.41%	
	Routinely	5	3.70%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Frequently	7	5.19%	135
	Rarely	26	19.26%	
	Never	86	63.70%	
Intravenous fluids	Administer to Neonatal	126	85.71%	147
	Administer to Pediatric	108	73.47%	
	Essential	130	88.44%	
	Routinely	89	60.54%	
	Frequently	4	2.72%	
	Rarely	2	1.36%	
	Never	2	1.36%	
Levalbuterol	Administer to Neonatal	50	36.50%	137
	Administer to Pediatric	72	52.55%	
	Essential	54	39.42%	
	Routinely	17	12.41%	
	Frequently	17	12.41%	
	Rarely	26	18.98%	
	Never	57	41.61%	
Levetiracetam	Administer to Neonatal	35	26.72%	131
	Administer to Pediatric	59	45.04%	
	Essential	35	26.72%	
	Routinely	8	6.11%	
	Frequently	14	10.69%	
	Rarely	19	14.50%	
	Never	77	58.78%	
Lidocaine	Administer to Neonatal	57	41.61%	137
	Administer to Pediatric	88	64.23%	
	Essential	72	52.55%	
	Routinely	11	8.03%	
	Frequently	11	8.03%	
	Rarely	60	43.80%	
	Never	30	21.90%	
Lorazepam	Administer to Neonatal	96	67.13%	143
	Administer to Pediatric	100	69.93%	
	Essential	101	70.63%	
	Routinely	39	27.27%	
	Frequently	28	19.58%	
	Rarely	35	24.48%	
	Never	9	6.29%	
Magnesium sulfate	Administer to Neonatal	52	37.41%	139
	Administer to Pediatric	89	64.03%	
	Essential	81	58.27%	
	Routinely	18	12.95%	
	Frequently	24	17.27%	
	Rarely	41	29.50%	
	Never	30	21.58%	
Methylprednisolone	Administer to Neonatal	51	37.50%	
	Administer to Pediatric	90	66.18%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Essential	76	55.88%	136
	Routinely	21	15.44%	
	Frequently	20	14.71%	
	Rarely	38	27.94%	
	Never	31	22.79%	
Midazolam	Administer to Neonatal	109	74.66%	146
	Administer to Pediatric	105	71.92%	
	Essential	109	74.66%	
	Routinely	45	30.82%	
	Frequently	32	21.92%	
	Rarely	30	20.55%	
	Never	7	4.79%	
Milrinone	Administer to Neonatal	79	56.83%	139
	Administer to Pediatric	92	66.19%	
	Essential	82	58.99%	
	Routinely	20	14.39%	
	Frequently	23	16.55%	
	Rarely	51	36.69%	
	Never	25	17.99%	
Morphine	Administer to Neonatal	107	74.83%	143
	Administer to Pediatric	103	72.03%	
	Essential	109	76.22%	
	Routinely	39	27.27%	
	Frequently	33	23.08%	
	Rarely	30	20.98%	
	Never	7	4.90%	
Naloxone	Administer to Neonatal	109	74.66%	146
	Administer to Pediatric	91	62.33%	
	Essential	102	69.86%	
	Routinely	17	11.64%	
	Frequently	11	7.53%	
	Rarely	77	52.74%	
	Never	14	9.59%	
Nitroglycerin	Administer to Neonatal	36	26.67%	135
	Administer to Pediatric	64	47.41%	
	Essential	50	37.04%	
	Routinely	3	2.22%	
	Frequently	6	4.44%	
	Rarely	37	27.41%	
	Never	76	56.30%	
Nitroprusside	Administer to Neonatal	46	33.58%	137
	Administer to Pediatric	68	49.64%	
	Essential	57	41.61%	
	Routinely	4	2.92%	
	Frequently	9	6.57%	
	Rarely	46	33.58%	
	Never	62	45.26%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
Norepinephrine	Administer to Neonatal	60	43.48%	138
	Administer to Pediatric	90	65.22%	
	Essential	78	56.52%	
	Routinely	7	5.07%	
	Frequently	20	14.49%	
	Rarely	62	44.93%	
	Never	28	20.29%	
Ondansetron	Administer to Neonatal	33	24.26%	136
	Administer to Pediatric	86	63.24%	
	Essential	67	49.26%	
	Routinely	16	11.76%	
	Frequently	21	15.44%	
	Rarely	30	22.06%	
	Never	46	33.82%	
Pancuronium	Administer to Neonatal	57	41.91%	136
	Administer to Pediatric	62	45.59%	
	Essential	54	39.71%	
	Routinely	13	9.56%	
	Frequently	7	5.15%	
	Rarely	34	25%	
	Never	68	50%	
Penicillin	Administer to Neonatal	59	43.38%	136
	Administer to Pediatric	70	51.47%	
	Essential	62	45.59%	
	Routinely	15	11.03%	
	Frequently	11	8.09%	
	Rarely	36	26.47%	
	Never	56	41.18%	
Phenobarbital	Administer to Neonatal	111	74.50%	149
	Administer to Pediatric	96	64.43%	
	Essential	106	71.14%	
	Routinely	31	20.81%	
	Frequently	35	23.49%	
	Rarely	47	31.54%	
	Never	8	5.37%	
Procainamide	Administer to Neonatal	44	33.08%	133
	Administer to Pediatric	58	43.61%	
	Essential	44	33.08%	
	Routinely	7	5.26%	
	Frequently	6	4.51%	
	Rarely	42	31.58%	
	Never	66	49.62%	
Propofol	Administer to Neonatal	33	23.40%	
	Administer to Pediatric	80	56.74%	
	Essential	66	46.81%	
	Routinely	14	9.93%	
	Frequently	16	11.35%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Rarely	35	24.82%	141
	Never	57	40.43%	
Propranolol	Administer to Neonatal	42	31.34%	134
	Administer to Pediatric	61	45.52%	
	Essential	47	35.07%	
	Routinely	4	2.99%	
	Frequently	7	5.22%	
	Rarely	46	34.33%	
	Never	62	46.27%	
Racemic Epinephrine	Administer to Neonatal	57	40.14%	142
	Administer to Pediatric	104	73.24%	
	Essential	104	73.24%	
	Routinely	27	19.01%	
	Frequently	45	31.69%	
	Rarely	32	22.54%	
	Never	11	7.75%	
Roccuronium	Administer to Neonatal	59	42.75%	138
	Administer to Pediatric	89	64.49%	
	Essential	86	62.32%	
	Routinely	19	13.77%	
	Frequently	23	16.67%	
	Rarely	37	26.81%	
	Never	33	23.91%	
Sodium bicarbonate	Administer to Neonatal	111	75.51%	147
	Administer to Pediatric	99	67.35%	
	Essential	101	68.71%	
	Routinely	23	15.65%	
	Frequently	28	19.05%	
	Rarely	60	40.82%	
	Never	10	6.80%	
Succinylcholine	Administer to Neonatal	44	32.59%	135
	Administer to Pediatric	78	57.78%	
	Essential	62	45.93%	
	Routinely	13	9.63%	
	Frequently	19	14.07%	
	Rarely	34	25.19%	
	Never	53	39.26%	
Surfactant	Administer to Neonatal	124	83.78%	148
	Administer to Pediatric	17	11.49%	
	Essential	111	75%	
	Routinely	46	31.08%	
	Frequently	36	24.32%	
	Rarely	21	14.19%	
	Never	9	6.08%	
Terbutaline	Administer to Neonatal	34	25%	
	Administer to Pediatric	85	62.50%	
	Essential	63	46.32%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Routinely	10	7.35%	136
	Frequently	15	11.03%	
	Rarely	49	36.03%	
	Never	47	34.56%	
Thiopental	Administer to Neonatal	26	19.55%	133
	Administer to Pediatric	49	36.84%	
	Essential	27	20.30%	
	Routinely	4	3.01%	
	Frequently	3	2.26%	
	Rarely	27	20.30%	
	Never	88	66.17%	
Vancomycin	Administer to Neonatal	94	65.73%	143
	Administer to Pediatric	92	64.34%	
	Essential	101	70.63%	
	Routinely	34	23.78%	
	Frequently	26	18.18%	
	Rarely	40	27.97%	
	Never	14	9.79%	
Vasopressin	Administer to Neonatal	48	35.56%	135
	Administer to Pediatric	79	58.52%	
	Essential	67	49.63%	
	Routinely	10	7.41%	
	Frequently	16	11.85%	
	Rarely	48	35.56%	
	Never	43	31.85%	
Vecuronium	Administer to Neonatal	80	56.74%	141
	Administer to Pediatric	92	65.25%	
	Essential	97	68.79%	
	Routinely	27	19.15%	
	Frequently	28	19.86%	
	Rarely	35	24.82%	
	Never	21	14.89%	
Verapamil	Administer to Neonatal	32	23.53%	136
	Administer to Pediatric	51	37.50%	
	Essential	40	29.41%	
	Routinely	5	3.68%	
	Frequently	7	5.15%	
	Rarely	31	22.79%	
	Never	80	58.82%	
Vitamin K	Administer to Neonatal	115	78.23%	147
	Administer to Pediatric	27	18.37%	
	Essential	89	60.54%	
	Routinely	46	31.29%	
	Frequently	17	11.56%	
	Rarely	32	21.77%	
	Never	22	14.97%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
Current Certification Test Outline - The test outline percentage below represent the weighting of content on the neonatal pediatric transport subspecialty examination. Based on your experience, do these percentages adequately represent the knowledge needed for the professional providing stabilization and transport of the neonatal and/or pediatric patient in today's health care environment?				
Are there other medications routinely administered or critical in the stabilization and transport of the neonate and/or pediatric patient?	Yes	24	19.20%	125
	No	101	80.80%	
Core Knowledge Content-Applicable to both neonatal & Pediatric Patients at 50%	Under- represented	7	4.73%	148
	Over- represented	5	3.38%	
	Just about right	136	91.89%	
Neonatal Content-Disorders more commonly associated with the neonatal period (birth to 28 days) at 25%	Under- represented	14	9.46%	148
	Over- represented	7	4.73%	
	Just about right	127	85.81%	
Pediatric Content-Disorders more commonly associated with patients of ages beyond the neonatal range at 25%	Under- represented	11	7.48%	147
	Over- represented	6	4.08%	
	Just about right	130	88.44%	
Core Knowledge Content-Applicable to both Neonatal & Pediatric Patients - Does this content adequately reflect what is applied to your daily practice?				
Professional issues	Yes	130	89.04%	146
	No	7	4.79%	
	Don't Know	9	6.16%	
Transport environment	Yes	140	95.89%	146
	No	6	4.11%	
	Don't Know	0	0%	
Transport-related clinical management & skills	Yes	141	97.24%	145
	No	3	2.07%	
	Don't Know	1	0.69%	
Neonatal Content-Disorders more commonly associated with the neonatal period (birth to 28 days of life) - Does this content adequately reflect what is applied to your daily practice?				
Pulmonary	Yes	141	95.27%	148
	No	3	2.03%	
	Don't Know	4	2.70%	
Cardiovascular	Yes	140	94.59%	148
	No	3	2.03%	
	Don't Know	5	3.38%	
Gastrointestinal	Yes	136	91.89%	148
	No	4	2.70%	
	Don't Know	8	5.41%	
Metabolic	Yes	128	86.49%	148
	No	9	6.08%	
	Don't Know	11	7.43%	
CNS/neurologic	Yes	135	92.47%	146
	No	5	3.42%	
	Don't Know	6	4.11%	
Surgical emergencies	Yes	126	87.50%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	No	7	4.86%	144
	Don't Know	11	7.64%	
Special situations such as Extremely low birthweight infants	Yes	133	91.10%	146
	No	6	4.11%	
	Don't Know	7	4.79%	
Pediatric Content-Disorders more commonly associated with patients of ages beyond the neonatal range - Does this content adequately reflect what is applied to your daily practice?				
Pulmonary	Yes	134	91.16%	147
	No	3	2.04%	
	Don't Know	10	6.80%	
Cardiovascular	Yes	131	89.73%	146
	No	5	3.42%	
	Don't Know	10	6.85%	
Gastrointestinal	Yes	121	83.45%	145
	No	10	6.90%	
	Don't Know	14	9.66%	
Hematologic	Yes	117	80.69%	145
	No	12	8.28%	
	Don't Know	16	11.03%	
Metabolic/endocrine	Yes	124	84.35%	147
	No	9	6.12%	
	Don't Know	14	9.52%	
CNS/neurologic	Yes	127	86.39%	147
	No	8	5.44%	
	Don't Know	12	8.16%	
Special situations such as bites, ingestions, near drowning	Yes	126	85.71%	147
	No	7	4.76%	
	Don't Know	14	9.52%	
Trauma	Yes	125	85.03%	147
	No	9	6.12%	
	Don't Know	13	8.84%	
Multi-system disorders	Yes	125	85.03%	147
	No	9	6.12%	
	Don't Know	13	8.84%	
Demographic Information				
What is your profession?	Nurse	81	55.10%	147
	Nurse Practitioner	14	9.52%	
	Paramedic	15	10.20%	
	Physician	1	0.68%	
	Respiratory Therapist	33	22.45%	
	Other	3	2.04%	
What is your highest level of education?	MD/DO	1	0.68%	147
	Doctorate - PhD	0	0%	
	Doctorate - DNP	1	0.68%	
	Post Master's	2	1.35%	
	Master's	29	19.59%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Baccalaureate Degree	74	50%	148
	Associate Degree	33	22.30%	
	Diploma	5	3.38%	
	Other	3	2.03%	
What is the age grouping of the patients you transport?	Neonates only	34	23.13%	147
	Pediatric patients only	5	3.40%	
	Mixed neonatal/pediatric population	96	65.31%	
	Other	12	8.16%	
By Air	less than 10%	30	21.13%	142
	10%	8	5.63%	
	20%	24	16.90%	
	30%	25	17.61%	
	40%	14	9.86%	
	50%	12	8.45%	
	60%	2	1.41%	
	70%	10	7.04%	
	80%	5	3.52%	
	90%	6	4.23%	
100%	6	4.23%		
By Ground	less than 10%	6	4.17%	144
	10%	3	2.08%	
	20%	5	3.47%	
	30%	10	6.94%	
	40%	2	1.39%	
	50%	13	9.03%	
	60%	15	10.42%	
	70%	23	15.97%	
	80%	25	17.36%	
	90%	29	20.14%	
100%	13	9.03%		
Other	less than 10%	21	84%	25
	10%	2	8%	
	20%	2	8%	
	30%	0	0%	
	40%	0	0%	
	50%	0	0%	
	60%	0	0%	
	70%	0	0%	
	80%	0	0%	
	90%	0	0%	
100%	0	0%		
What is your primary practice setting?	Level I Normal Newborn Care	0	0%	
	Level II NICU	0	0%	
	Level III NICU	51	35.17%	
	PICU	20	13.79%	
	Emergency Department	2	1.38%	
	EMS System	15	10.34%	

Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Centralized Respiratory Therapy Department	3	2.07%	145
	Academic Setting	5	3.45%	
	Other	49	33.79%	
What type of position do you hold?	Full time	125	84.46%	148
	Part time	23	15.54%	
What Percentage of Your Total Work Time Involves Transport Activities?	It is your primary position and neonatal/pediatric transport activities involve more than 50% of your work hours	101	68.71%	147
	It is part of your position and neonatal/pediatric transport activities involve less than 50% but more than 10% of your work hours	25	17.01%	
	It is an added role for your position and less than 10% of your time is involved with neonatal/pediatric transport activities	21	14.29%	
How many transports does your team perform annually?	Less than 100	16	11.03%	145
	100-300	21	14.48%	
	301-500	20	13.79%	
	Over 500	88	60.69%	
How long have you been a neonatal pediatric transport professional?	Less than a year	2	1.35%	148
	1-5 years	39	26.35%	
	6-10 years	33	22.30%	
	11-15 years	24	16.22%	
	16-20 years	22	14.86%	
	Over 20 years	28	18.92%	
Which of the following best represents your team's primary location? (All locations refer to the United States (U.S.) unless otherwise noted)	Alaska	1	0.68%	
	Alabama	1	0.68%	
	Arkansas	9	6.08%	
	California	17	11.49%	
	Colorado	5	3.38%	
	District of Columbia	1	0.68%	
	Florida	9	6.08%	
	Georgia	2	1.35%	
	Iowa	1	0.68%	
	Idaho	2	1.35%	
	Illinois	6	4.05%	
	Indiana	6	4.05%	
	Kansas	1	0.68%	
	Kentucky	5	3.38%	
	Louisiana	1	0.68%	
	Massachusetts	1	0.68%	
	Maryland	1	0.68%	
	Michigan	4	2.70%	
	Minnesota	3	2.03%	
	Missouri	12	8.11%	
Mississippi	2	1.35%		

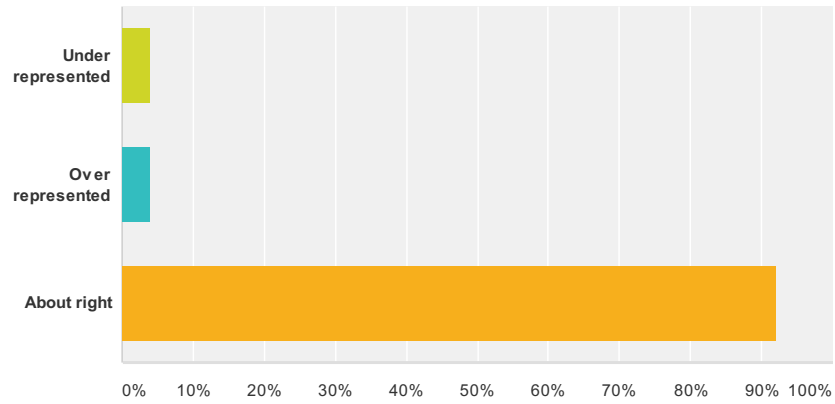
Exhibit 2 Neonatal Pediatric Transport (NPT)		# per answer option	% per answer option	Total per item
Questions	Answer Options			
	Mountana	1	0.68%	
	North Carolina	6	4.05%	
	Nebraska	3	2.03%	
	New Hampshire	1	0.68%	
	New Jersey	1	0.68%	
	Nevada	3	2.03%	
	New York	3	2.03%	
	Ohio	7	4.73%	
	Oregon	2	1.35%	
	Pennsylvania	3	2.03%	
	South Carolina	1	0.68%	
	South Dakota	2	1.35%	
	Tennessee	2	1.35%	
	Texas	17	11.49%	
	Utah	1	0.68%	
	Virginia	1	0.68%	
	Wisconsin	3	2.03%	
	West Virginia	1	0.68%	148
Which of the following statements apply to your NCC credential in Neonatal Pediatric Transport (check all that apply)	Having a C-NPT credential is required for employment	0	0%	
	C-NPT credentialing is encouraged	7	70%	
	C-NPT credentialing is not required or encouraged	3	30%	
	There is a financial incentive tied to having a C-NPT credential	0	0%	
	There is no financial incentive tied to having a C-NPT certification	8	80%	
	C-NPT credential was attained for personal reasons	6	60%	
	Having a C-NPT credential is tied to other employer-based recognition, please specify	0	0%	10
Patient Population	Birth - 28 days of age	30.7692	5-90	
	1 month - 1 year of age	18.0769	5-30	
	greater than 1 year - 5 years of age	17.4615	2-40	
	greater than 5 years - 10 years of age	10.9231	2-30	
	greater than 10 - 12 years of age	8.61538	3-20	
	greater than 12-18 years of age	6.23077	1-15	
	greater than 18 years of age	7.15385	1-70	13
In the last 24 months what new practice change(s) have been incorporated into your practice?	None	8	61.54%	
	Listed below	5	38.46%	13

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q1 Did you think the Core Knowledge content tested on exam was

Answered: 25 Skipped: 0



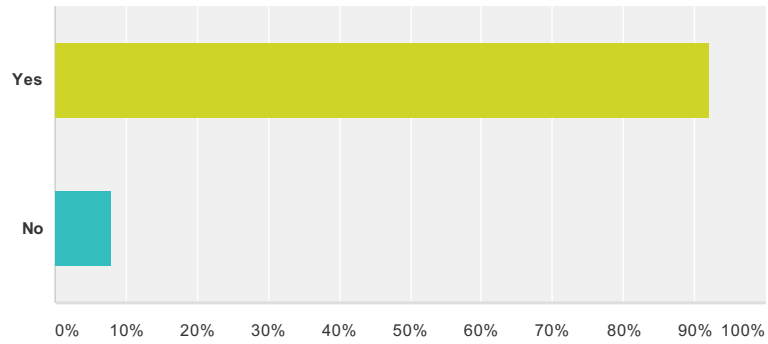
Answer Choices	Responses
Under represented	4.00% 1
Over represented	4.00% 1
About right	92.00% 23
Total	25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q2 Does this content adequately reflect what is applied to your daily practice relative to Core Knowledge?

Answered: 25 Skipped: 0



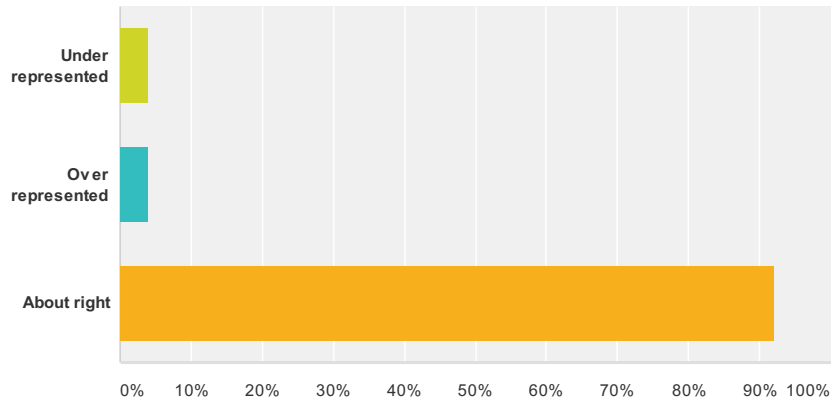
Answer Choices	Responses	
Yes	92.00%	23
No	8.00%	2
Total		25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q4 Did you think the Neonatal content tested on exam was

Answered: 25 Skipped: 0



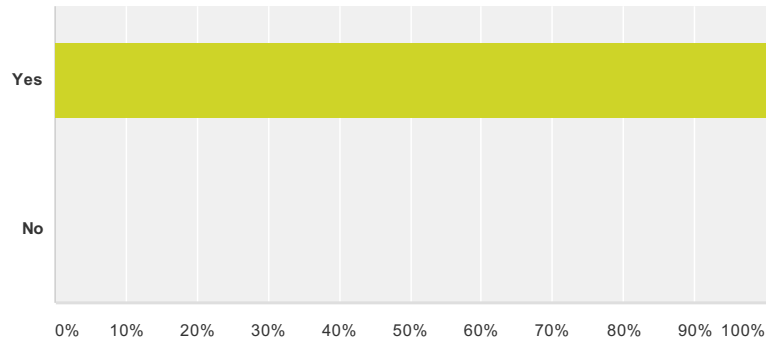
Answer Choices	Responses
Under represented	4.00% 1
Over represented	4.00% 1
About right	92.00% 23
Total	25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q5 Does this content adequately reflect what is applied to your daily practice relative to Neonatal care?

Answered: 25 Skipped: 0



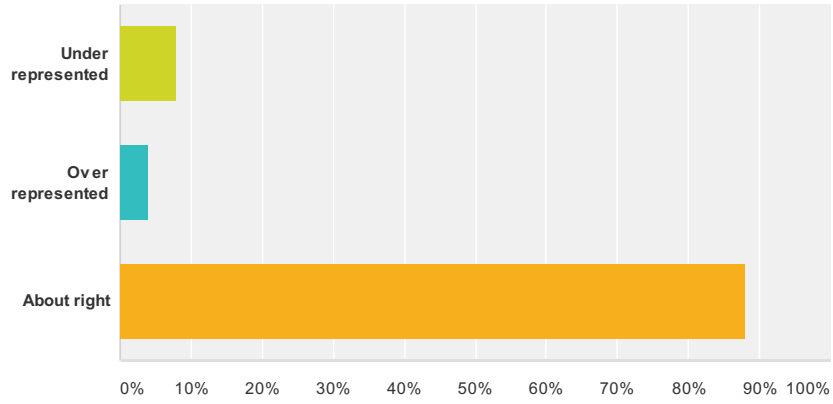
Answer Choices	Responses	
Yes	100.00%	25
No	0.00%	0
Total		25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q7 Did you think the Pediatric content tested on exam was

Answered: 25 Skipped: 0



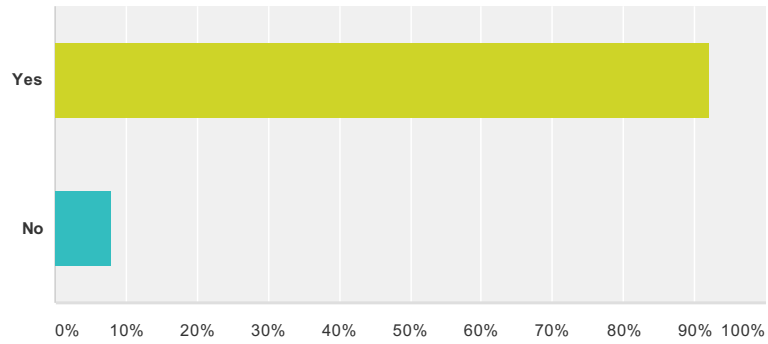
Answer Choices	Responses
Under represented	8.00% 2
Over represented	4.00% 1
About right	88.00% 22
Total	25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q8 Does this content adequately reflect what is applied to your daily practice relative to Pediatric care?

Answered: 25 Skipped: 0



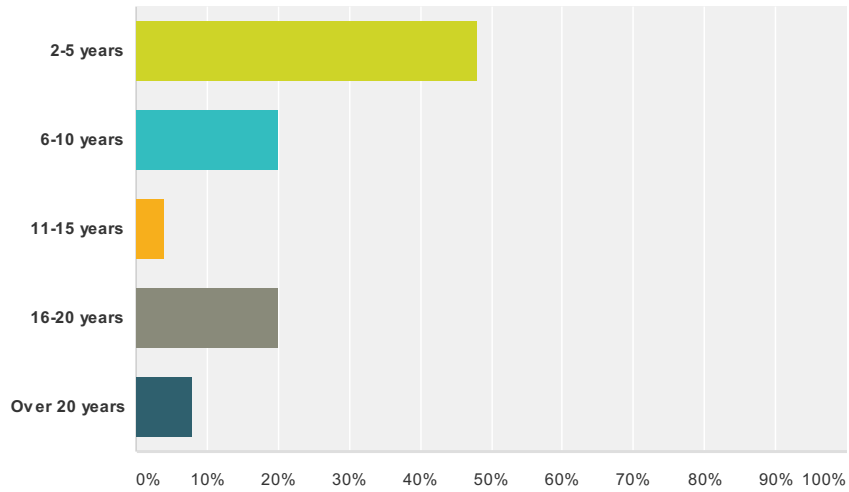
Answer Choices	Responses	
Yes	92.00%	23
No	8.00%	2
Total		25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q10 How long have you been practicing in the neonatal/pediatric transport specialty?

Answered: 25 Skipped: 0



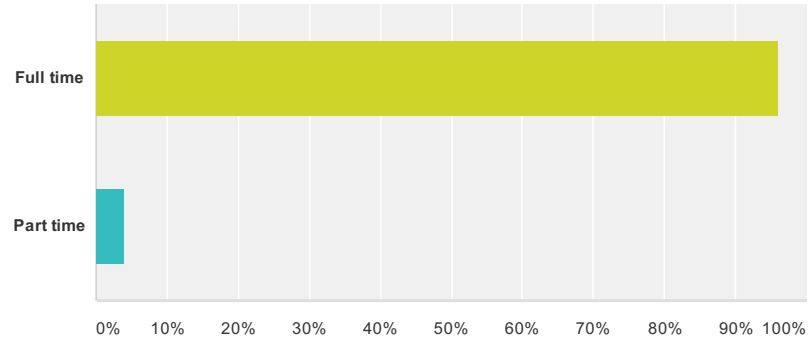
Answer Choices	Responses
2-5 years	48.00% 12
6-10 years	20.00% 5
11-15 years	4.00% 1
16-20 years	20.00% 5
Over 20 years	8.00% 2
Total	25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q11 Do you work

Answered: 25 Skipped: 0



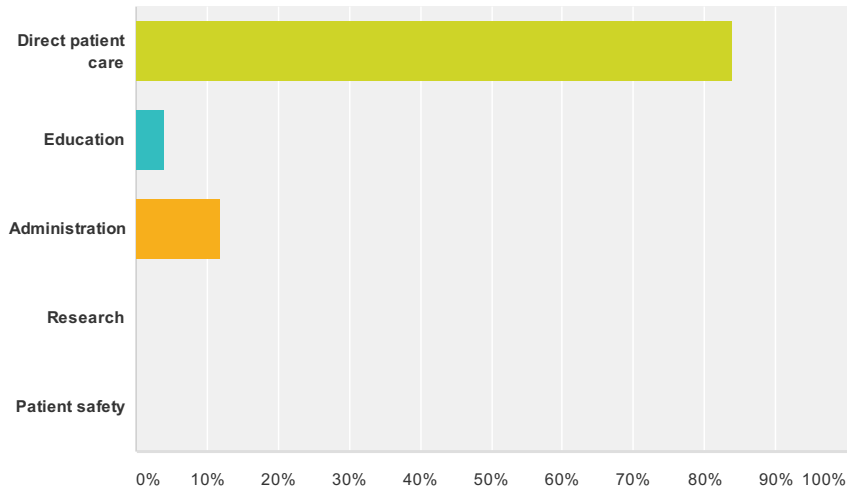
Answer Choices	Responses
Full time	96.00% 24
Part time	4.00% 1
Total	25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q12 What is your major focus of your practice?

Answered: 25 Skipped: 0



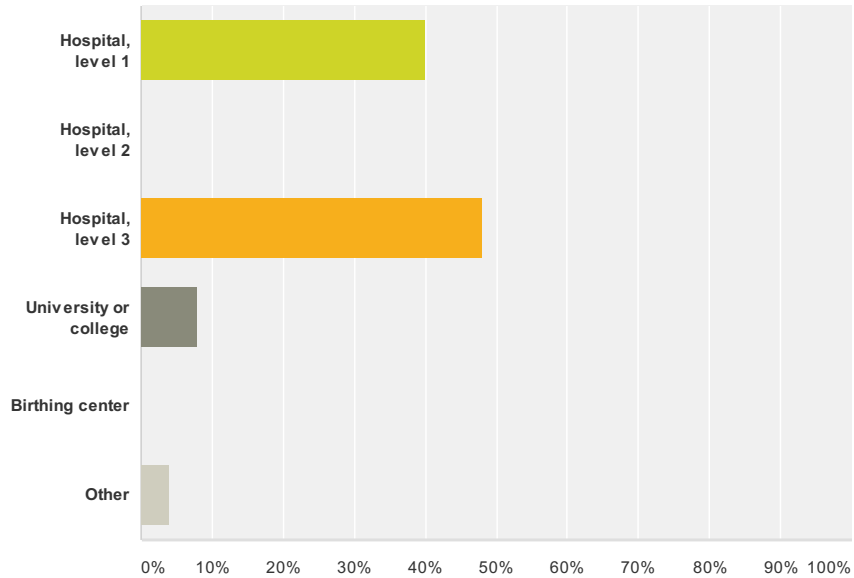
Answer Choices	Responses	Count
Direct patient care	84.00%	21
Education	4.00%	1
Administration	12.00%	3
Research	0.00%	0
Patient safety	0.00%	0
Total		25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q13 Where do you work?

Answered: 25 Skipped: 0



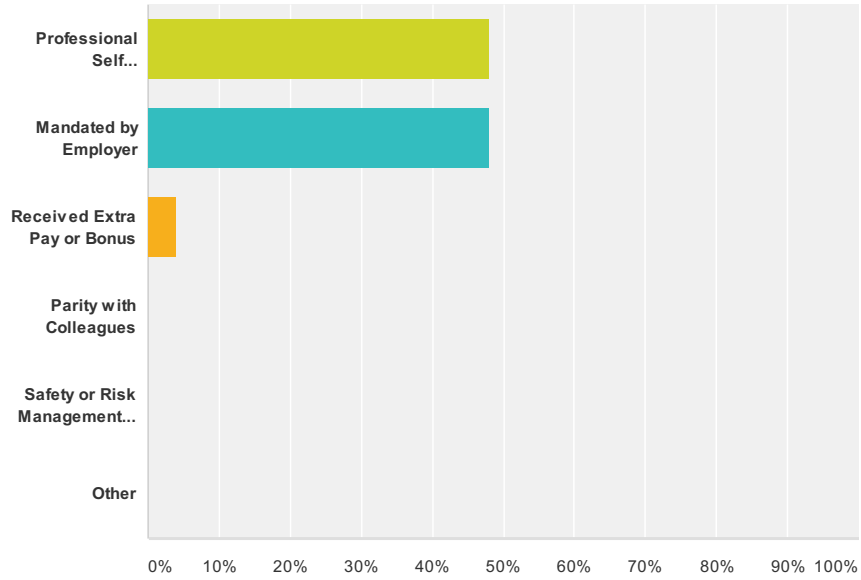
Answer Choices	Responses
Hospital, level 1	40.00% 10
Hospital, level 2	0.00% 0
Hospital, level 3	48.00% 12
University or college	8.00% 2
Birthing center	0.00% 0
Other	4.00% 1
Total	25

Exhibit 3 Neonatal Pediatric Transport (NPT)

2013-2014 Neonatal Pediatric Transport - Post Exam Feedback Survey

Q14 Why did you primarily seek certification? (select one)

Answered: 25 Skipped: 0



Answer Choices	Responses	Count
Professional Self Development	48.00%	12
Mandated by Employer	48.00%	12
Received Extra Pay or Bonus	4.00%	1
Parity with Colleagues	0.00%	0
Safety or Risk Management Initiative	0.00%	0
Other	0.00%	0
Total		25