

Advanced Practice Provider Student Guidebook

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Children's Nebraska

APP Clinical Placement General Rules, Guidelines and Policies

1. Students may not make requests directly with providers. Failure to comply may result in no clinical placement being granted for the student. To make a request, Advanced Practice Provider (APP) students should contact the Children's Nebraska Office of Education to verify if the school in which the student is enrolled holds an active academic affiliation with Children's Nebraska. This is the first step for a student placement at any clinical site across the country.

Affiliation agreements take about three months for Children's Nebraska to secure and then the school must be added to the online registration system. If this is your first rotation with Children's Nebraska, make sure your school is on the approved list by emailing: NursingEducation@childrensnebraska.org for Nurse Practitioner (NP) students or OED@childrensnebraska.org for Physician Assistant (PA) students.

2. All student requests must come through *MyClinicalExchange* (MCE) and the Children's Nebraska Office of Education.
3. Learners employed by Children's Nebraska receive priority placements. While employees are our priority placements, at times, the system has become overwhelmed and we have had to deny placements. Employment status is a priority system and not a guarantee.
4. All students are encouraged to simultaneously make placement requests outside of the Children's Nebraska system.
5. To advance the knowledge of students, learners will be placed in a department they don't already work in, when possible.
6. PA placements are generally granted for one month, Monday-Friday, for a total of 160 hours.
7. NP placements are generally granted for 150 hours per semester, depending on preceptor and clinic availability.
8. Learners must have proof of general pediatric rotation prior to acute care/ICU rotation placement.
9. All immunization data must be entered in MCE manually by the student. Students are required to ensure immunization data is current in MCE, regardless if they are a Children's Nebraska employee. Immunization data cannot be transferred from Children's Connect or Children's Employee Health to MCE.

Students employed by Children's Nebraska may upload an employee coversheet in lieu of the immunization records. The coversheet states that the student is a current employee of Children's Nebraska and will notify the Children's Nebraska Office of Education of any changes in employment. They will also provide all immunization records if their status does change.

10. Students must remain compliant with all requirements in MCE (indicated with green thumbs up) throughout the duration of their rotation.

Clinical Request/Placement Timeline

Please click on the link below.

<https://www.childrensnebraska.org/healthcare-careers-education/career-opportunities/advanced-practice-provider-career/>

Education Hotline

The Education Hotline is available via the Children's Nebraska website. Please click on the link below.

<https://www.childrensnebraska.org/>

Select the *Professional Education* dropdown menu and the Education Hotline is listed under each column.

Ideal/Acceptable Clinical Rotations per Semester

1st Semester – IDEAL

Primary Care – CP

2nd Semester – IDEAL

Primary Care – CP

Urgent Care

1st Semester – ACCEPTABLE

Urgent Care

2nd Semester – ACCEPTABLE

Emergency Department

Gastroenterology, Hepatology &
Nutrition

Hematology/Oncology

Metabolic

Neurology

Pulmonology

3rd Semester – IDEAL

Pediatric Hospital Medicine

Emergency Department

Urgent Care

Gastroenterology, Hepatology &
Nutrition

Hematology/Oncology

Pulmonology

Metabolic

Neurology

4th Semester - IDEAL

Acute Pain

Endocrinology

Pediatric Hospital Medicine

Gastroenterology, Hepatology &
Nutrition

Hematology/Oncology

Metabolic

Neurology

Emergency Department

Neurosurgery

Pulmonology

3rd Semester – ACCEPTABLE

Acute Pain

Endocrinology

Neurosurgery

4th Semester – ACCEPTABLE

NICU

Nephrology

PICU/CCU

5th Semester

All areas

Clinical Areas

Inpatient

- Acute Pain Service
- Cardiac Care Unit (CCU)
- Nephrology
- Neonatal Intensive Care Unit (NICU)
- Neurosurgery
- Pediatric Hospital Medicine (PHM)
- Pediatric Intensive Care Unit (PICU)
- Pulmonology

Outpatient

- General Pediatrics
 - Children's Physicians (CP)
- Specialty Clinic
 - Endocrinology
 - Gastroenterology, Hepatology & Nutrition (GI)
 - Metabolic
 - Nephrology

Combination of Inpatient and Outpatient

- Hematology/Oncology
- Neurology

Urgent/Emergent

- Emergency Department (ED)

Clinical Area Descriptions (A-Z)

Acute Pain Service

The Acute Pain Service is a consult service for children who are currently admitted. We follow a wide array of post-surgical patients including from General Surgery, Orthopedics, Urology and Neurosurgery. We focus on managing post-op medications (such as opioids, including PCA/NCAs, anti-spasmodics, epidurals, side effect management meds, etc.). We also provide pain consults for inpatient children experiencing inadequate pain control.

1. Shift
 - a. Monday – Friday, 6:30 am-5:00 pm
2. Preceptor
 - a. Students will work with two preceptors to allow for more flexibility in scheduling.
3. Recommended Prior Experience
 - a. Experience in a generalized area such as Pediatric Hospital Medicine or Orthopedics would be beneficial to students before doing clinicals in a specialized area.
4. Student Expectations
 - a. Expectations of the student include being present for morning rounds with the APS attending physician, participating in periodic rounds throughout the day with your preceptor, being present for post-op patient hand-offs in PACU/PICU and writing consult and progress notes as comfort in the rotation increases.
 - b. Dress Code: Scrubs
 - c. Developing goals and objectives prior to starting clinical hours is beneficial for students.

Children's Physicians (CP)

Children's Physicians provides primary pediatric care for patients. APPs are available to provide support to the primary care pediatricians. APPs can see patients for illness or wellness check-ups. APPs also have the opportunity to perform procedures such as sutures, splinting, foreign body removal, Incision and Drainage and others.

1. Shift
 - a. Though CP clinics have varying hours, most are open 8:30 am-5:00 pm Monday through Friday and 8:30 am-12:00 pm on Saturdays. The Council Bluffs location is open 8:00 am – 8:30 pm Monday through Saturday and 12:00 pm-8:30 pm on Sundays.
 - i. Shift hours range from eight hours for most CP offices and 9-12 hours for CP Council Bluffs.
 - b. APPs will see patients for services such as same day scheduled sick visits and walk-ins.
2. Preceptor
 - a. Students are usually placed with one preceptor, but there may be times where additional preceptors are asked to help to provide the student with additional experience.
3. Recommended Prior Experience
 - a. This is a great place to gain assessment skills and learn about childhood development and disease processes for new APP students.
4. Student Expectations
 - a. Students are expected to learn basic assessment skills, (i.e., auscultation of heart, lungs, abdomen, checking ears, nose, throat) formulate diagnoses, develop treatment plans and complete charting.
 - b. Dress code: Business casual
 - c. Developing goals and objectives prior to starting clinical hours is beneficial for students, especially if certain requirements are designated by their academic institution. This could include completing a number of wellness checks or performing procedures. Check with your academic institution for their requirements.

Emergency Department (ED)

The Emergency Department has a wide variety of acuities and students need to be prepared for what comes through the door. Children's Nebraska will make accommodations if there are clinical areas of interest or requirements by the academic institution. The student is expected to present their patient to the APP or physician following SBAR format. The student will be allowed to place orders and perform EMR documentation, as this is critical in preparing a student for a provider role. The preceptor will provide ongoing feedback. If the student is not meeting the objectives or clinical expectations, the preceptor will contact the student's academic institution after speaking with the student.

1. Shift
 - a. Rotating shifts based on preceptor schedule.
 - b. Majority are 10-hour shifts
 - i. 6:00 am-4:00 pm, 11:00 am-9:00 pm, 3:00 pm-1:00 am
 - c. Swing shift, nine hours
 - i. 1:00 pm-10:00 pm
 - d. The student will be expected to work the entire shift.
2. Preceptor
 - a. The student will be assigned one primary preceptor for their rotation. The student is expected to work the preceptor's schedule. If a scheduling conflict arises, the student may be approved to work with another preceptor for the shift/week.
3. Recommended Prior Experience
 - a. In the Emergency Department, students will see primary and acute care illnesses. Therefore, this could be a starting place for a student.
4. Student Expectations
 - a. The student needs to provide the objectives and discuss their goals for the rotation with the preceptor. It is important the student communicates at the beginning of each shift what they have previously seen or procedures they have completed. Communication is key so that the preceptor can find new experiences for the student.
 - b. Dress Code: Scrubs or business casual attire with comfortable shoes.
 - c. Department specific training in Epic is required before the start of rotation. The student will coordinate this training with ED supervisor.

Endocrinology

An Endocrine rotation will provide a student with experience in assessing and managing children and adolescents with Type 1 and Type 2 diabetes, thyroid disorders, growth disorders, pubertal abnormalities and other hormonal deficiencies.

1. Shift
 - a. Monday – Friday, 8:00 am-5:00 pm
 - b. Outpatient
 - c. Students are able to work consecutive or non-consecutive days.
2. Preceptor
 - a. Students are assigned one preceptor for the duration of their clinical rotation.
3. Recommended Prior Clinical Experience
 - a. Experience in a generalized area such as Pediatric Hospital Medicine or Orthopedics would be beneficial to students before doing clinicals in a specialized area.
4. Student Expectations
 - a. Students doing rotation in endocrinology are expected to complete a reading assignment related to pediatric endocrinology diagnosis, complete H&Ps, present cases to the preceptor with an action plan and write clinical notes as assigned by the preceptor.
 - b. Dress Code: Business casual
 - c. Developing goals and objectives prior to starting clinical hours is beneficial for students, especially if certain requirements are designated by their academic institution.

Gastroenterology, Hepatology & Nutrition (GI)

The GI clinical rotation involves the management of new and existing patients with a wide variety of gastrointestinal, nutrition and liver diseases.

1. Shift
 - a. Monday – Friday, 6-10 hour shifts depending on the day and clinic schedule.
 - b. Outpatient
2. Preceptor
 - a. Students will be assigned one preceptor for the duration of their clinical experience.
3. Recommended Prior Clinical Experience
 - a. Experience in a generalized area such as Pediatric Hospital Medicine or Orthopedics would be beneficial to students before doing clinicals in a specialized area; however, students in all phases of clinical experience are accepted.
4. Student Expectations
 - a. Students will begin by shadowing. They will then progress to taking patient history and developing treatment plans independently.
 - b. Dress code: Business casual
 - c. Students do not need to provide objectives prior to their clinical experience.

Hematology/Oncology

During this rotation, students will gain experience with both hematologic and oncologic diagnoses. Students will gain a better understanding of how to manage medical emergencies including tumor lysis syndrome, typhilitis, febrile neutropenia, acute chest syndrome and SIADH (among others). This rotation also provides experiences with diagnostic lumbar punctures with intrathecal chemotherapy injection and bone marrow exams.

1. Shift
 - a. Monday - Friday, 8:00 am-5:00 pm
 - b. Students are typically limited to two days per week.
2. Preceptor
 - a. The student will rotate between the inpatient and the outpatient APPs.
3. Recommended Prior Experience
 - a. Experience in a generalized area such as Pediatric Hospital Medicine or Orthopedics would be beneficial to students before doing clinicals in a specialized area; however, students in all phases of clinical experience are accepted.
4. Student Expectations
 - a. The time allotted during a rotation is limited. Students won't be able to learn everything about Hematology/Oncology, but Children's Nebraska will provide a well-rounded experience. Students are expected to be flexible with schedules throughout the day (i.e., back and forth between inpatient and outpatient). It is the goal that students will not only learn about how to care for acute issues with hematology/oncology patients, but that they will also look at the bigger picture of how to function as an independent provider. Patient care knowledge gained during this rotation will be specific to the population; however, learning how to function as an independent provider will be applicable to whatever specialty they choose for their career.
 - b. Dress Code: Business casual with occasional scrubs on procedure days.

Metabolic

The Metabolic Management Clinic sees a variety of patients with inborn errors of metabolism (failed newborn screening). This is a multidisciplinary clinic. Students will be able to observe the Physicians, APPs, Dietitians and Genetic Counselors who work together to care for rare genetic disorders. The Osteogenesis Imperfecta/Bone Dysplasia Clinics are multidisciplinary clinics in which students will help assess, diagnose and manage various skeletal dysplasias.

1. Shift
 - a. Monday-Friday, 8:00 am-5:00 pm
 - b. Students are also permitted to come for half days when needed.
2. Preceptor
 - a. Students are assigned to one preceptor; however, they will work with other providers/specialists (Physician, PA, Dietitian, Genetic Counselor) as this is a multidisciplinary clinic.
3. Recommended Prior Experience
 - a. Metabolic clinic would be an appropriate clinical experience for students just starting their clinical rotations, but would also be beneficial for students in all phases of their clinical experience.
4. Student Expectations
 - a. Students are expected to communicate their availability and schedule with their preceptor in advance of the rotation. Students should arrive at least 10 minutes prior to their scheduled shift to review the schedule, work anticipated for the day and to ask their preceptor questions.
 - b. Dress code: Business casual
 - c. Developing goals and objectives prior to starting clinical hours is beneficial for students, especially if certain requirements are designated by their academic institution.

Neonatal Intensive Care Unit (NICU)

Children's Nebraska has a Level IV NICU treating even the most complex conditions in babies. The healthcare team works to improve care through research-based practices. They deliver family-centered developmental care.

1. Shift
 - a. 12-hour shifts
 - b. Rotate between days and nights
 - c. Students are able to work consecutive or non-consecutive days.
2. Preceptor
 - a. Students will be assigned one main preceptor and a back-up preceptor to complete hours. Students typically do not complete hours with more than two preceptors.
3. Recommended Prior Experience
 - a. The NICU should be reserved for rotations at the end of a student's program.
4. Student Expectations
 - a. Dress code: Scrubs or business casual allowed.
 - b. Developing goals and objectives prior to starting clinical hours is beneficial for students, especially if certain requirements are designated by their academic institution.

Nephrology (Inpatient)

This is an acute/inpatient rotation. Patients are seen on the general pediatric floor and in the Intensive Care Unit (ICU). Common diagnoses include acute kidney injury, chronic kidney disease, fluid overload, electrolyte abnormalities, dialysis (peritoneal/hemodialysis/CRRT), hypertension, nephrotic syndrome, hemolytic uremic syndrome, abnormal renal ultrasounds and many more.

1. Shift
 - a. Monday-Friday, 8:00 am-5:00 pm
 - b. Students are able to work consecutive or non-consecutive days. Children's Nebraska recommends working some consecutive days to follow patient journeys.
2. Preceptor
 - a. There is one primary preceptor for this rotation, but time is also spent with the on-call nephrologist for the week.
3. Recommended Prior Experience
 - a. Experience in a generalized area such as Pediatric Hospital Medicine or Orthopedics would be beneficial to students before doing clinicals in a specialized area. This rotation should be towards the end of a student's program or for NPs enrolled in an acute post-masters PNP certificate.
4. Student Expectations
 - a. The first day of rotation will be spent shadowing and asking questions. The expectations of students will then progress through the rotation. By the end of the rotation, students will be expected to review inpatient charts, conduct physical examinations, develop individual plans of care, communicate recommendations with other teams and document daily progress notes.
 - b. Dress code: Scrubs or business casual
 - c. It is not a requirement to provide course objectives prior to starting the rotation. Student goals for the rotation will be discussed on day one.

Nephrology (Outpatient)

Pediatric and adolescent nephrology patients with conditions such as mild chronic kidney disease or hypertension are provided care in an outpatient setting. Students in this rotation can observe a chronic patient care management model with heavy emphasis on medication management and patient education.

1. Shift
 - a. Tuesdays and Thursdays, 8:00 am-5:00 pm
 - b. Students are able to work consecutive or non-consecutive days.
2. Preceptor
 - a. The student will be assigned one primary preceptor for outpatient nephrology. There is opportunity to split time with another specialty, such as urology, if desired.
3. Recommended Prior Experience
 - a. Experience in a generalized area such as Pediatric Hospital Medicine or Orthopedics would be beneficial to students before doing clinicals in a specialized area.
4. Student Expectations
 - a. Students are expected to perform an initial patient evaluation including interview and exam.
 - b. Dress code: Business casual
 - c. It is not a requirement to provide course objectives prior to starting the rotation. Student goals for the rotation will be discussed on day one.

Neurology

Pediatric Neurology specializes in the diagnosis and management of neurologic conditions during the neonatal period, infancy, early childhood and adolescence. The most frequent presenting clinical concerns are seizures and headaches.

1. Shift
 - a. Monday – Friday, no holidays, 8:00 am-5:00 pm
 - b. Students are able to work consecutive or non-consecutive days.
2. Preceptor
 - a. The student will have one primary preceptor during the rotation.
 - b. If the student wishes to observe specific clinics (Neuromuscular, Complex Care Clinic, NeuroOnc), Children's Nebraska can arrange a different preceptor for those experiences.
3. Recommended Prior Experience
 - a. Experience in a generalized area such as Pediatric Hospital Medicine or Orthopedics would be beneficial to students before doing clinicals in a specialized area.
4. Student Expectations
 - a. Student expectations will vary based on level of education; however, students are generally expected to be proficient in capturing patient history and conducting a physical, to be able to complete a basic neuro exam and to have a sense of normal developmental milestones.
 - b. Dress Code: Business casual is typical, but scrubs are also permitted.
 - c. Developing goals and objectives prior to starting clinical hours is beneficial for students, especially if certain requirements are designated by their academic institution.

Neurosurgery

Neurosurgery is a field that treats diseases of the skull, brain, spinal canal and spine through surgical methods. At Children's Nebraska, you will gain exposure to diseases specific to the pediatric population, which can differ from adult care. This rotation will provide you with an in-depth perspective into the full-care spectrum of disease in children requiring neurosurgery. The patient journey can begin with a referral from a primary care provider or ophthalmologist and end with a postoperative follow-up. Additionally, students will be able to develop a comfort level with the management of inpatient and surgical patients, an often underrepresented aspect in PA/NP education.

1. Shift
 - a. Typically, 7:30 am-4:30 pm.
 - b. Depending on the case, students may be asked to arrive earlier or stay later.
 - c. The student and Children's Nebraska will work together to develop the student's schedule.
2. Recommended Prior Experience
 - a. Experience in a generalized area such as Pediatric Hospital Medicine or Orthopedics would be beneficial to students before doing clinicals in a specialized area. This rotation should occur at or after the halfway mark for clinicals (halfway through the clinical year for PA students and halfway through clinical years for NP students). A family medicine and a surgical rotation would be beneficial before neurosurgery.
3. Student Expectations
 - a. Developing goals and objectives prior to starting clinical hours is beneficial for students, especially if certain requirements are designated by their academic institution.

Pediatric Hospital Medicine (PHM)

The Pediatric Hospital Medicine rotation involves caring for general medicine inpatients on the purple team (non-traditional resident team). Students will have exposure to common pediatric diseases along with hospitalized patients and will experience working with an interdisciplinary team. In addition to general medicine patients, students will gain exposure to surgical co-management and admitting in specialties. Students will be expected to see patients independently and aid in developing admission and discharge plans. They will also write H&Ps, progress notes, consultation notes and discharge summaries.

1. Shift
 - a. Combination of day shift, swing shift, weekdays and weekends
 - i. Day shift: 7:00 am-5:00 pm; Swing shift: 4:00 pm-midnight
 - b. The student will be expected to work the entire shift.
 - c. It is preferred that students work consecutive days if available, but not required.
2. Preceptor
 - a. Students will be assigned a primary preceptor who will complete required evaluations; however, students are also able to work with many preceptors to gain diverse experiences.
3. Recommended Prior Experience
 - a. Experience in primary care is required before pursuing this rotation.
4. Student Expectations
 - a. Expectations for the student will increase as they move through their rotation. The first day, the student will be oriented to the team and will perform an exam/document on one patient. The next few days, the student will take ownership of one patient including being first contact, orders and documentation. The student will be expected to see one new patient. After five days, the student will gradually increase number of patients that they examine, document on and take over care. The full list of expectations will be provided by the APP supervisor prior to starting rotation.
 - b. Dress code: Business casual on day shifts, scrubs on weekends and swing shifts.
 - c. This rotation uses a standard model and meets standard objectives. If the student's academic institution has differing objectives, alterations to the program will be limited. It is recommended for the student to provide the objectives from their academic institution, but not required.

Pediatric Intensive Care Unit/Cardiac Care Unit (PICU/CCU)

The PICU is a 32-bed unit that cares for critically ill patients including those requiring ECMO. During your time in the PICU, you will work with the multidisciplinary team to manage a wide variety of patients. You will experience patients requiring mechanical ventilation, sedation infusions, vasoactive medications, TPN, etc.

The CCU is a 50-bed unit that cares for cardiac patients from admission to discharge. As a student, you will work with the multidisciplinary team to manage both ICU and stepdown patients. You will experience patients with congenital heart disease both preoperatively and postoperatively.

1. Shift
 - a. Combination of day shift, night shift, weekdays, and weekends.
 - i. 12-hour shifts (7:00 am-7:00 pm)
 - b. Students are able to work consecutive or non-consecutive days. Children's Nebraska recommends working some consecutive days to follow patient journeys.
2. Preceptor
 - a. The student will be assigned one preceptor for the duration of their rotation.
3. Recommended Prior Experience
 - a. Experience in a generalized area such as Pediatric Hospital Medicine or Orthopedics would be beneficial to students before doing clinicals in a specialized area. PICU and CCU rotations should be completed towards the end of a NP student's program. Neither the PICU nor the CCU are appropriate for a PA student's rotation and should only be assigned as an elective.
4. Student Expectations
 - a. The expectations of students will progress throughout the rotation. By the end of the rotation, students will be expected to communicate the needs of the patient with other team members and complete documentation such as daily progress notes, H&P, hospital course, significant event note and more. Students are also encouraged to attend educational opportunities offered to residents and fellows.
 - b. Dress Code: Business casual or scrubs.
 - c. Students should provide objectives by the first day of the rotation.

Pulmonology

Primary pulmonary patients consist of trach and ventilator dependent patients and cystic fibrosis patients. Consult patients could include PICU patients needing tracheostomy placement and/or long-term ventilation. Students may also experience patients with conditions such as acute asthma, sleep disorders needing non-invasive ventilation, NICU patients with Bronchopulmonary Dysplasia (BPD) and more. Students will gain exposure to patients needing acute or long-term care on a ventilator in both hospital and home settings.

1. Shift
 - a. Monday – Friday, 8:00 am-4:30 pm
 - b. Primarily inpatient shifts at Children’s Nebraska with the opportunity for outpatients shifts at Ambassador Pediatrics.
 - c. Students are able to work consecutive or non-consecutive days.
2. Preceptor
 - a. Students will be with one preceptor throughout the duration of their rotation.
3. Recommended Prior Experience
 - a. This rotation is acceptable for new APPs and will allow students to gain foundational experience. If the student has significant experience before starting this rotation, expectations and objectives can be adjusted.
4. Student Expectations
 - a. Expectations for the student include completing new consults for the pulmonary service and documenting new consults, follow up consults, physical exams and attending resident rounds. Students are also encouraged to attend educational opportunities offered to residents and fellows.
 - b. Dress code: Business casual.
 - c. Students should provide objectives by the first day of rotation.