

Neonatal-Perinatal Medicine Residency Program

Neonatal Follow-Up Clinic Rotation

Competency Based Goals and Objectives

Neonatal Follow-Up Clinic Rotation For All Three Years

All residents in neonatal/perinatal medicine are expected to participate in our Neurodevelopment Neonatal Follow-up Clinic throughout their 3 years of training. They will develop increasing expertise in performing developmental assessments. They will learn the relationship between neonatal illnesses and later health and development, and become aware of the socioeconomic impact and psychosocial stress that these infants place on the family. Neonates who are less than 1500 grams at birth or less than 33 weeks gestation are referred to this clinic. In addition infant with hypoxic-ischemic-encephalopathy and/or neonatal seizures or other neonates with risk of developmental issues are also referred to this clinic.

Dr. Tracy Stroud, a board certified Developmentalist, runs the Neonatal Follow-Up Clinic and supervises the residents when they rotate through that clinic. A physical therapist, occupational therapist, speech therapist and nutritionist are also present in the clinic and evaluate the infants with the residents to come up with a plan of care for the child.

This clinic is held one ½ day per week and is attended by the residents during their research months. Currently this consists of 4 months during the first two years of training and 6 months during the third year of training.

Year One

1. Patient Care

Resident will gather essential and accurate information about patients in the Follow-up Clinic through record review, history taking, physical examination, interpretation of pertinent test results, administration of developmental-behavioral screening, and interpretation of developmental and behavioral assessment

Resident will develop expertise in the performance of developmental screens and interpretation of developmental assessment tools

Resident will develop expertise regarding when to initiate and/or discontinue consults, services, and therapies based on clinical information, evidence-based clinical judgment, and family preferences

Resident will counsel and educate patients and families in a caring and respectful manner

2. Medical Knowledge

Resident will develop expertise regarding the risk, etiologic and prognostic factors for the range of medical, developmental and behavioral problems experienced by high risk infants

Resident will begin to recognize delays in normal development (motor, speech, cognitive), suspect or abnormal neurologic exam, cerebral palsy, and mental retardation

Resident will be exposed to the presentation, natural course, differential diagnosis, interventions, and prognosis of impairments secondary to prematurity, birth injury, or other perinatal/neonatal illness (sepsis, meningitis, NEC, HIE, Seizures, BPD)

Resident will develop expertise in the presentation, evolution, and outcome of cerebral palsy

Resident will develop expertise in the developmental challenges and behavioral presentations of children with sensory impairments, perinatal/neonatal neurologic injury, and complications of prematurity

Resident will develop expertise in the nutritional needs of infants and their impact on developmental outcome

Resident will be exposed to the longitudinal care of these children including timing of further assessments, long term therapies, and future referrals

3. Practice-Based Learning and Improvement

Resident will identify gaps in his/her own knowledge based on his/her experience in Follow-up clinic, introspection and feedback

Resident will develop expertise in where to locate, and how to critically review and assimilate evidence from scientific literature to fill these knowledge gaps

Resident will use this evidence to guide his/her practice and improve patient management

Resident will seek and accept feedback with a goal of individual improvement

Resident will provide feedback with a goal of system improvement

4. Interpersonal and Communication Skills

Resident will begin to develop skills that result in effective, compassionate information exchange and collaboration with patients and their families, thus creating a therapeutic relationship

Resident will develop appropriate listening skills and use of nonverbal communication while both eliciting and providing information

Resident will develop expertise in the effective communication of medical information in an accurate and timely fashion with other members of a multidisciplinary health care team using oral presentation, dictation and/or written records

Resident will begin to work with the health care team, including health care professionals from other disciplines, the medical home and families, to provide patient focused care and to develop and implement patient management plans

5. Professionalism

Resident will demonstrate respect, compassion and integrity in his/her interactions with patients, families, staff, faculty, and peers

Resident will be sensitive and responsive to patients' and their families' needs

Resident will demonstrate sensitivity to a diverse patient population and responsiveness to age, gender, cultural differences, and disability

Resident will demonstrate a commitment to ethical principles pertaining to the provision or withholding of clinical care

Resident will maintain confidentiality of patient information in accordance with HIPPA standards.

6. Systems-Based Practice

Resident will provide timely consultation to primary care and specialty physicians as well as to community agencies

Resident will develop expertise in the interconnectedness and dependence of multidisciplinary services (psychology, social work, OT, PT, Speech therapy) in the management of children with special health care needs

Resident will begin to participate in a multidisciplinary team in collaboration with other disciplines and with families around evaluation and management of children with special health care needs

Resident will develop expertise in the impact of federal, state, and local community resources and support services available to children and families of children with disabilities or special health care needs and will utilize them effectively in advocating for families

Resident will develop expertise in the impact of having children with special health care needs, including financial, psychosocial, and interpersonal, on their families

Resident will consider cost effectiveness and patient centered strategies

Resident will develop expertise in locating information and community resources for parents that pertain to their child's needs

Year Two

1. Patient Care

Resident will demonstrate competency in gathering essential and accurate information about patients in the Follow-up Clinic through record review, history taking, physical examination, interpretation of pertinent test results, administration of developmental-behavioral screening, and interpretation of developmental and behavioral assessment

Resident will become competent in the performance of developmental screens and interpretation of developmental assessment tools

Resident will make informed recommendation for initiation and/or discontinuation of consults, services, and therapies based on clinical information,

evidence-based clinical judgment, and family preferences

Resident will counsel and educate patients and families in a caring and respectful manner

2. Medical Knowledge

Resident will demonstrate competence in recognizing risk, etiologic and prognostic factors for the range of medical, developmental and behavioral problems experienced by high risk infants

Resident will demonstrate ability to recognize delays in normal development (motor, speech, cognitive), suspect or abnormal neurologic exam, cerebral palsy, and mental retardation

Resident will demonstrate knowledge of the presentation, natural course, differential diagnosis, interventions, and prognosis of impairments secondary to prematurity, birth injury, or other perinatal/neonatal illness (sepsis, meningitis, NEC, HIE, Seizures, BPD)

Resident will demonstrate knowledge of the presentation, evolution, and outcome of cerebral palsy

Resident will demonstrate an understanding of the developmental challenges and behavioral presentations of children with sensory impairments, perinatal/neonatal neurologic injury, and complications of prematurity

Resident will demonstrate an understanding of the nutritional needs of infants and their impact on developmental outcome

Resident will develop skill in the longitudinal care of these children including timing of further assessments, long term therapies, and future referrals

3. Practice-Based Learning and Improvement

Resident will continue to identify gaps in his/her own knowledge based on his/her experience in Follow-up clinic, introspection and feedback

Resident will continue to locate, critically review and assimilate evidence from scientific literature to fill these knowledge gaps

Resident will continue to use this evidence to guide his/her practice and improve patient management

Resident will continue to seek and accept feedback with a goal of individual improvement

Resident will continue to provide feedback with a goal of system improvement

4. Interpersonal and Communication Skills

Resident will demonstrate skills that result in effective, compassionate information exchange and collaboration with patients and their families, thus creating a therapeutic relationship

Resident will demonstrate appropriate listening skills and use of nonverbal communication while both eliciting and providing information

Resident will effectively communicate medical information in an accurate and timely fashion with other members of a multidisciplinary health care team using oral presentation, dictation and/or written records

Resident will work with health care team, including health care professionals from other disciplines, the medical home and families, to provide patient focused care and to develop and implement patient management plans

5. Professionalism

Resident will demonstrate respect, compassion and integrity in his/her interactions with patients, families, staff, faculty, and peers

Resident will be sensitive and responsive to patients' and their families' needs

Resident will demonstrate sensitivity to a diverse patient population and responsiveness to age, gender, cultural differences, and disability

Resident will demonstrate a commitment to ethical principles pertaining to the provision or withholding of clinical care

Resident will maintain confidentiality of patient information in accordance with HIPPA standards.

6. Systems-Based Practice

Resident will provide timely consultation to primary care and specialty physicians as well as to community agencies

Resident will demonstrate an understanding of the importance of the interconnectedness and dependence of multidisciplinary services (psychology, social work, OT, PT, Speech therapy) in the management of children with special health care needs

Resident will participate in a wide variety of multidisciplinary teams in collaboration with other disciplines and with families around evaluation and management of children with special health care needs

Resident will demonstrate a working knowledge of federal, state, and local community resources and support services available to children and families of children with disabilities or special health care needs, and will utilize them effectively in advocating for families

Resident will gain an understanding of the impact of having children with special health care needs, including financial, psychosocial, and interpersonal, on their families

Resident will consider cost effectiveness and patient centered strategies

Resident will provide parents with information and community resources that pertain to their child's needs

Year Three

1. Patient Care

Resident will consistently demonstrate ability to independently gather essential and accurate information about patients in the Follow-up Clinic through record review,

history taking, physical examination, interpretation of pertinent test results, administration of developmental-behavioral screening, and interpretation of developmental and behavioral assessment

Resident will consistently make independent decisions regarding the initiation and/or discontinuation of consults, services, and therapies based on clinical information, evidence based clinical judgment, and family preferences

Resident will consistently counsel and educate patients and families in a caring and respectful manner

2. Medical Knowledge

Resident will independently recognize risk, etiologic and prognostic factors for the range of medical, developmental and behavioral problems experienced by high risk infants and demonstrate ability to teach this knowledge to families

Resident will consistently demonstrate ability to recognize delays in normal development (motor, speech, cognitive), suspect or abnormal neurologic exam, cerebral palsy, and mental retardation

Resident will competently demonstrate knowledge about the presentation, natural course, differential diagnosis, interventions, and prognosis of impairments secondary to prematurity, birth injury, or other perinatal/neonatal illness (sepsis, meningitis, NEC, HIE, Seizures, BPD)

Resident will independently recognize the presentation and evolution of cerebral palsy, and counsel families about the outcome

Resident will consistently demonstrate an understanding about the developmental challenges and behavioral presentations of children with sensory impairments, perinatal/neonatal neurologic injury, and complications of prematurity

Resident will consistently assess the nutritional needs of infants and their impact on developmental outcome

Resident will acquire the skill necessary to provide longitudinal care of these children including timing of further assessments, long term therapies, and future referrals

3. Practice-Based Learning and Improvement

Resident will invariably continue to identify gaps in his/her own knowledge based on his/her experience in Follow-up clinic, introspection and feedback

Resident will consistently know how to locate, critically review and assimilate evidence from scientific literature to fill these knowledge gaps

Resident will continue to use this evidence to guide his/her practice and improve patient management

Resident will continue to seek and accept feedback with a goal of individual improvement

Resident will continue to provide feedback with a goal of system improvement

4. Interpersonal and Communication Skills

Resident will refine skills that result in effective, compassionate information

exchange and collaboration with patients and their families, thus creating a therapeutic relationship

Resident will continue to demonstrate appropriate listening skills and use of nonverbal communication while both eliciting and providing information

Resident will independently communicate medical information in an accurate and timely fashion with other members of a multidisciplinary health care team using oral presentation, dictation and/or written records

Resident will continue to work with health care team, including health care professionals from other disciplines, the medical home and families, to provide patient focused care and to develop and implement patient management plans

5. Professionalism

Resident will consistently demonstrate respect, compassion and integrity in his/her interactions with patients, families, staff, faculty, and peers

Resident will continue to be sensitive and responsive to patients' and their families' needs

Resident will invariably demonstrate sensitivity to a diverse patient population and responsiveness to age, gender, cultural differences, and disability

Resident will demonstrate a commitment to ethical principles pertaining to the provision or withholding of clinical care

Resident will invariably maintain confidentiality of patient information in accordance with HIPPA standards.

6. Systems-Based Practice

Resident will continue to provide timely consultation to primary care and specialty physicians as well as to community agencies

Resident will consistently demonstrate an understanding about the importance of the interconnectedness and dependence of multidisciplinary services (psychology, social work, OT, PT, Speech therapy) in the management of children with special health care needs

Resident will continue to participate in a wide variety of multidisciplinary teams in collaboration with other disciplines and with families around evaluation and management of children with special health care needs

Resident will consistently demonstrate an expertise in federal, state, and local community resources and support services available to children and families of children with disabilities or special health care needs, and will utilize them effectively in advocating for families

Resident will demonstrate an understanding of the impact of having children with special health care needs, including financial, psychosocial, and interpersonal, on their families

Resident will consider cost effectiveness and patient centered strategies

Resident will independently provide parents with information and community resources that pertain to their child's needs