

0-2: Is it Pertinent to You?

Addressing Neonatal Nurse Practitioner Student Hesitancy with a 0-2 Curriculum

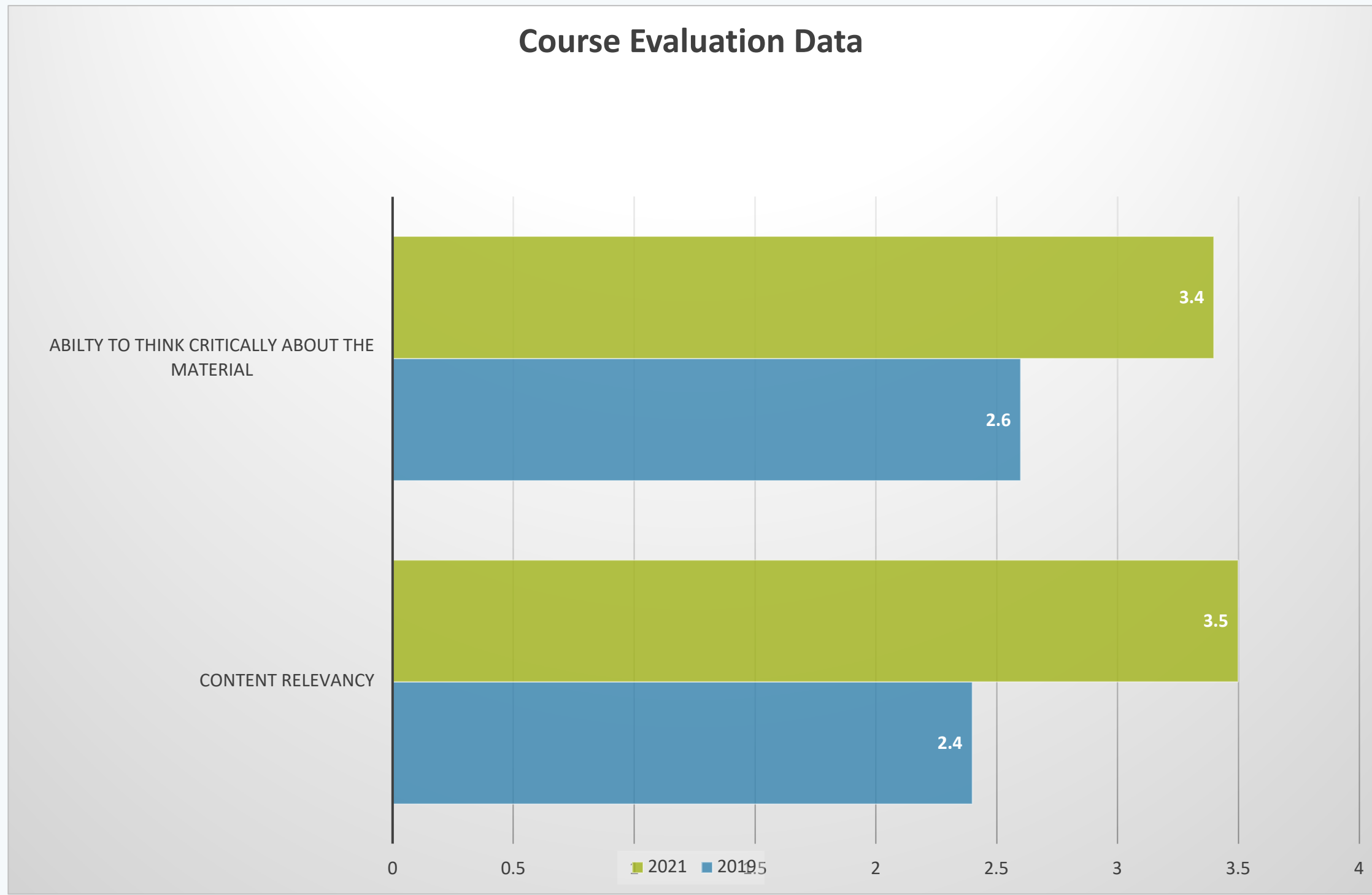
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Introduction

- In 2014 the scope of practice and the educational curriculum for the Neonatal Nurse Practitioner (NNP) expanded through the age of two.
- In 2019, a 0-2 curriculum was developed for the NNP program at Regis University to meet these requirements.
- Student focus groups and course evaluations revealed students were questioning the pertinence of the topic.
- Course revisions focused on the importance of primary care both in the inpatient and outpatient settings.

Results

- Results were based on a 4-point scale.
- Average response rate was 63%.
- Green (2021) Blue (2019)



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What is the Definition of Primary Care?...

IOM (1978) “accessible, comprehensive, coordinated and continual care delivered by accountable providers of personal health services.”

AAP (2011) Pediatric primary healthcare encompasses:

- Health supervision and anticipatory guidance
- Monitoring physical and psychosocial growth and development
- Age-appropriate screening
- Diagnosis and treatment of acute and chronic disorders
- Management of serious life-threatening illness
- Referral of more complex conditions
- Provision of first contact care as well as coordinated management of health problems requiring multiple professional services



Primary Care is defined by the population served
NOT
by the setting or location

If we subscribe to the true definition of primary care:

- The neonatologist and the NNP can be considered **both** acute and primary care providers
- Birth can be considered the ultimate point of **first contact**
- This relationship with the patient and family may last for **months to years** in the hospital
- The relationship may then extend into a **continuity setting**
- The scope of the NNP extends across **both** primary and acute care settings



Curriculum Content

Topics within the course included the following and specifically address the varying needs from the age of 0 to 2 years old:

- Growth and nutrition
- Post-discharge growth and nutrition
- Developmental surveillance and screening
- Management of chronic lung disease
- Chronic ventilation management
- Vaccines and addressing vaccine hesitancy
- Anticipatory guidance,
- Dental care
- Safe-sleep
- Age-appropriate safety screening,
- Safe discharge planning

References

Committee on Pediatric Workforce. (2011). Pediatric Primary Health Care. *Pediatrics*, 127; 397. DOI: 10.1542/peds.2010-3416
Sansoucie, D. A., Timoney, P. M., Bodin, M., Armentrout, D., Botwinski, C., Cavelliere, T., Koehn, A., Moore, D., Nantais-Smith, L., & Thomas, P. National Association of Neonatal Nurses. Task Force for Revision of NNP Education Standards. (2014). Education Standards and Curriculum Guidelines for Neonatal Nurse Practitioner Programs. Retrieved from http://nann.org/uploads/2017_NNP_Education_Standards_completed_FINAL.pdf
Staebler, S., Meier, S. R., Bagwell, G., & Conway-Orgel, M. (2016). The Future of Neonatal Advanced Practice Registered Nurse Practice: White Paper. *Advances in neonatal care : official journal of the National Association of Neonatal Nurses*, 16(1), 8–14. <https://doi.org/10.1097/ANC.0000000000000243>