



And these experiences should occur during their clinical practicums. Nurse practitioners, including family nurse practitioners, must demonstrate competencies in caring for complex patients across all age groups. And these patients have a variety of healthcare conditions and they live and work in diverse settings.

Nurse practitioners, including family nurse practitioners, must also demonstrate competencies in caring for complex patients across all age groups throughout the continuum with a variety of health conditions and, again, in diverse settings. These age groups include the birth to death continuum, and this is a wide range of expectation.

Traditionally, FNP students work one on one with a preceptor to achieve these competencies throughout their minimum 500 clinical practicum hours that are required for national board certification. For the purposes of this study and to test the question, "What are the frequencies, types, and depth of these patient care experiences that FNP students experience?"

we used a cross-sectional observational complex sample survey design and we collected data from students enrolled in or affiliated with accredited FNP programs across the country. To do this, we used a 33-item investigator-developed, inventory-type survey.

This survey contained four sections. The first section was a demographic and professional information section and included questions regarding age, years of experience in nursing, clinical area of practice, and geographical information about the program they were enrolled in and where they did their clinical practicum experiences.

The second section included information about the educational program they were enrolled in, including the program type, the delivery method, for instance, was it online, hybrid, or face to face, or some combination thereof. And we also asked for information about their clinical experiences.

These were the precepted clinical experiences traditionally seen in these kinds of programs. The third section of the survey addressed the four domains of nurse practitioner practice. These are the domains that

For instance, 50% of our participants came from the large middle sections, north and south of the country where there are larger FNP programs, as reported in the national data set.

Thirty two percent of the participants in our study came from the eastern sections of the country, both the north and the south part of the east, where there are many many programs but they are smaller in class sizes. And 18% of the participants in our study came from the rural western regions, both north and south areas of the country, where there are fewer programs and they also have smaller class sizes.

Our findings were very interesting, and our findings were broken up using the frequency of clinical task by domain and population. And what we found is when we looked at those four areas, assessment and we looked at treatment and we looked at care of patients across adults, geriatric, and pediatric populations, we found that there was quite a range between students who had never done many activities to students who had done activities greater than 10 times.

There were no students who did all of the expected activities greater than 10 times and there were no students who never did any of the required activities. The data was not a bell curve, however.

We did not see that most students had done most activities in either 3 to 6 or 7 to 10 times. In fact, what we found is that, while students had many opportunities to do activities associated with the care of adults, they had infrequent opportunities to demonstrate or even participate in the required competencies associated with the care of pediatric and geriatric populations.

So, in our sample of 3,946 students, across those populations, adult, geriatric, and pediatric, the most common task that students reported never experiencing in their clinical rotations were performing a mental health assessment, ordering diagnostic tests, performing primary care procedures, or evaluating treatment and educational outcomes related to chronic pain in adult, geriatric, and pediatric populations.

So, this is pretty important data for us, as a discipline, and for us as we think about the preparation that our students are getting in their role as an FNP. Because, although significant numbers of students reported never experiencing some clinical tasks in each domain and others reported doing some tests more than 10 times, these tests were all deemed to be important and to be a criteria upon which programs are measured.

So, having any students that had not experienced some of these items is concernful. Now, our data does have some limitations. We relied on students' recall of their clinical experiences, although we did allow them to look if they had a recording system such, as Typhon, some of them did use that data to inform how they answered the survey.

But we, potentially, have biased data, based on responses, also because there is self-selection involved in the respondents to survey solicitation. We did our recruitment in several different manners. We recruited through program administrators and directors, we did direct recruitment, and we did social media recruitment.

And so, we're aware that the people who chose to participate in the study may be different and may have had different experiences than those who chose not to participate or who were unaware of the study.

And we're aware that we, potentially, admitted recently-accredited schools and, therefore, respondents because they were not yet included on published lists.

And so, this might have narrowed our sample inadvertently, so...but we feel that, overall, our demographics reveal that our representation is very strong and our response rate quite good. So, in conclusion, what we discovered is that for many students the clinical experiences in their FNP programs

And so, if you'd put any questions or comments into the Q&A section, I will be able to see them there.

teased out. So, let me see here...I can see that there are more questions, give me just a moment to refresh this.