

**NURS 6002: *Transition to Graduate Study for Nursing***

**Academic and Professional Success Plan Template**

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**Week 3 | Part 3: Research Analysis**

**Step 1: Research Analysis**

*Complete the table below*

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| **Topic of Interest:** | **Stroke Treatment and care** | | | |
| **Research Article:** *Include full citation in APA format, as well as link or search details (such as DOI)* | Lockeretz, M. L. (2022, March 1). *On the Clot: Neuro Interventional Radiology in Certified Stroke Centers*. Retrieved May 1, 2022, from <https://eds.p.ebscohost.com/eds/pdfviewer/pdfviewer?vid=7> | | | |
| **Professional Practice Use:**  *One or more professional practice uses of the theories/concepts presented in the article* | The article provides information about primary and comprehensive stroke centers and focuses on the importance of emergent stroke treatments that result in better outcomes at certified stroke centers. Stroke is considered a medical emergency and there is a greater chance of survival and can restore brain function if the treatment is provided sooner. It illuminates its readers about the standard treatment of ischemic stroke which is interventional radiology along with the role of the Neuro interventional radiology nurse. This article can also be helpful for legal nurse consultants and other people who are reviewing cases about the care provided in Neuro interventional radiology. | | | |
| **Research Analysis Matrix**  *Add more rows if necessary* | **Strengths of the Research** | **Limitations of the Research** | **Relevancy to Topic of Interest** | **Notes** |
| It is a peer-reviewed and evidence-based research article. The readers will be able to understand that complete care along with imaging service is provided to patients with large vessel occlusion in comprehensive stroke centers. Overall readers will understand how Neuro interventional radiology plays an important role in acute stroke treatment. | The research mainly focuses on thrombectomy but not TPA, a clot-busting medication that is also considered the gold standard treatment for Ischemic Stroke. I am a Nurse working in Neuro ICU and have seen patients benefiting from TPA treatment. I feel like if the author is talking about the Importance of Interventional radiology in stroke, she should not forget about TPA. | The information provided is relevant to the topic of interest that is stroke treatment. Once the reader fully reads the article, they will take stroke treatment and the importance of timing very seriously and they will also be able to educate others about what happens in Neuro interventional radiology. | Stoke is one of the leading causes of death in the United States, so everyone should have some basic understanding of the signs of stroke and the importance of timing, sooner the treatment better the outcome. |
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I would recommend the use of this article to inform professional practice because it is peer-reviewed and evidence-based. It has its purpose with the audience in mind. Its purpose is to provide information about stroke treatment, what happens in Neuro IR, and outcomes after thrombectomy, and the audience can be medical as well as non-medical personnel.

**Step 2: Summary of Analysis**

I had no difficulty in searching this article, Peer-reviewed article like this improves information quality and helps to make sure that it answers the research question and, in the end, draws an accurate conclusion that is based on an experiment that is professionally executed. “According to Scrutinizing science, Peer-reviewed articles provide a trusted form of scientific communication”. In other words, even though we are not familiar with the author we can trust peer-reviewed articles or work.

My approach to identifying and analyzing peer-reviewed research would be looking for an abstract and authors' credentials that can be found next to their names. Another strategy would be looking for keywords such as peer-reviewed, quantitative, or qualitative. Looking for a database using Walden university library and narrowing my search to peer-reviewed scholarly journals would be my next strategy and the last one would be finding an official website and see if it says the journal is peer-reviewed or not, but also, I must keep in mind that I am looking at the official website of accuracy.

In the future, I would intend to use the Walden library and most probably use Medline or Cinahl database to find peer-reviewed research because they are user-friendly, authoritative, unique, and help nurses answer clinical questions.

**Reference:**

How to recognize peer-reviewed journals. (n.d.). Retrieved May 1, 2022, from

<https://www.angelo.edu/library/handouts/peerrev.php>

*Understanding science, how science works*. Scrutinizing Science: Peer review. (n.d.). Retrieved May 1, 2022, from

<https://undsci.berkeley.edu/article/howscienceworks_16>