

Original Work Set-Up and Completion Summary

Objective/Purpose:

Through my original work, I wish to be able to find a method/system that can efficiently diagnose patients with PD earlier thus allowing them to get treatment earlier and possibly decreasing the mortality rate of the disease. If the studies yield results, I wish to determine the methods of implementation of the systems in real life. With the findings of my research, I want to provide patients with the ability to get an earlier diagnosis and be treated earlier before later stages of the disease.

Methodology:

1) Materials:

My original work was completed solely through the use of online web-based research and peer-reviewed published studies in scientific journals. Furthermore, the materials that were used include my laptop, a notebook for notes, and online articles found through MackinVia.

2) Procedures and Process:

My original work involved copious amounts of research. Due to COVID, I was forced to find all my information online through articles and studies rather than through a mentor. Because of this, my process was based solely upon my online research. I spent time revising my proposal, compiling my research, creating an outline for my original work, and then completing the actual original work. Throughout this process, I used many sources to learn about the ongoing research on my topic to come to a final conclusion.

Utilization of Higher-Level Thinking Skills:

Initially, I did not intend to incorporate any higher-level thinking skills, but as I completed my original work, I realized that in order to synthesize all the information and come up with a valid thesis, I needed to think deeper into my topic. As I compiled my research articles and derived the necessary information, I made connections between each of the articles and the information. I was able to form links between the information, allowing me to develop a conclusion using my higher-level thinking skills.

Results:

Through my original work, I was able to conclude that the current diagnosing and treatment systems are beneficial to patients with later-onset stages of the disease, but it could be improved through the incorporation of treatments during earlier stages. I found that diagnosing PD is essential so that patients can receive the proper treatment and advice regarding care. In addition, diagnosing PD early is vital because treatments such as levodopa/carbidopa are more effective when administered early on in the disease. Through the research completed in my analysis, improvisations to both the diagnosing and treatment systems could be adopted to yield a more beneficial and earlier recovery process. Lastly, I found that with the adoption of the new systems incorporated in these studies as well as future studies, there could be a dramatic improvement in the recovery and quality of life of patients with Parkinson's disease.

Conclusions/Interpretations:

Overall, my original work was successful in that it taught me about the intricacies of Parkinson's disease and the modern treatments as well as the future of the healthcare industry in regards to the disease. With the findings of my research, I can expand my topic by finding ways to provide many future patients with the ability to get an earlier diagnosis and be treated earlier before later stages of the disease as I do further research. The research showed me the potential this field has as the healthcare industry changes in the future.

Application/Meaning:

My research on this topic can be applied in the future in that I wish to be able to distribute a method/system that can efficiently diagnose patients with PD earlier thus allowing them to get treatment earlier and possibly decreasing the mortality rate of the disease. If I am able to distribute this system to healthcare services that can in turn help Parkinson's patients, it can positively impact many lives in that patients can receive treatment in earlier stages of the disease before it's too late.

