Applying Research Skills

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Major heed to the technological advancement has paved the way of attention to highlight and analyze some external factors that are responsible for bringing about a major impact on the health of a patient. The advent of new technologies has involved the maximum consumption of available resources, taking into account that the maximum consumption of resources has the potential to impact natural resources such as environment. Environment quality is one of the greatest threats among healthcare issues because a majority of the disease is caused because of the exposure to an inadequate and polluted environment. Environmental Quality is not only confined to the realms of a healthcare institution, in fact, but it is also heeding towards the political and social institution as well.

 Being a transcriptionist, I am responsible for converting the oral record of the patient or the recorded description into a readable format. Although I am not directly involved in the procedure of catering to the needs of the patients, still I encounter many examples related to it. While transcription I encounter comparative high ratio of the patients that are suffering from the disease related to environmental quality. Side by side I keep a check on the prescription and the early initiatives to be taken in order to treat the patient. One day as I was transcribing the patient description who was recently admitted and placed near the lab. The healthcare practitioner noticed that the asthma patient is placed closed to the lab where odors can act as a barrier in recovery. He changed the placement of the patient, taking into account the suitability of the location and the health requirements. My interest in the field is actually a tribute to the realization of the fact that a single error has the potential to bring about devastation and destruction. This incident made me more conscious of the issues related to prescription and the environmental quality ever since.

**Identification of the Academic Peer Reviewed Journal Articles**

I chose the EBSCO search engine in order to look for the peer-reviewed journal article. I accessed the database such as Medscape and MedConnect to look for a peer-reviewed journal by using keywords such as “environmental quality," "issues in healthcare," and the role of quality environment in healthcare to search for the related peer-reviewed articles. In order to stay coherent, I confined my research to the peer-reviewed resources and the journal associated with healthcare, different issues in healthcare, modern issues in healthcare as a subject. I restricted my research to the resources within five years in order to maintain the credibility of the resource.

**Credibility and Relevancy of the information resources**

In order to adhere to the credibility of the resource, I selected the peer-reviewed journal articles that are published within the last five years. I tried to keep into consideration that the journal article is published by the authors of the relevant field, and the author is himself well known for his work and professional expertise. I reviewed the journal to ensure that the article journal has sufficient information about the environmental quality, how it plays a role in the causing and curing of certain disease.

**Annotated Bibliography**

Altomonte, S., Schiavon, S., Kent, M. G., & Brager, G. (2019). Indoor environmental quality and occupant satisfaction in green-certified buildings. *Building Research & Information*, *47*(3), 255-274.

In this article, the authors highlighted a response to the issue of environmental quality, taking into account that Green Building Certification System is an approach that aims at the practice of a design for the buildings that is environment friendly. The study asserts the exploration of the relationship between higher occupation satisfaction and indoor environmental quality. A database adhering to the environmental quality was used, and the recorded response (11,243) from 93 leaderships in Energy and Environmental design was used to calculate the suitability of the building in accordance with the environment. Actually, the aim of the research is to find out the hampering caused by the industries to the environment. Certain reasons were highlighted that are related to the control of designers and aspects that are beyond the scope of the rating system. The research adhered to the core concept that any infrastructure or the constructional design should not hamper the external environment or the natural stability. Several instructional materials are also inferred like the usage of environment-friendly material.

Furley, T. H., Brodeur, J., Silva de Assis, H. C., Carriquiriborde, P., Chagas, K. R., Corrales, J., ... & Miguez Caramés, D. M. (2018). Toward sustainable environmental quality: Identifying priority research questions for Latin America. *Integrated environmental assessment and management*, *14*(3), 344-357.

This research article refers to the analysis of the environmental quality by adhering to a particular project named as, "The Global Horizon scanning project." It is an innovative initiative that aims at the identification of the contaminated and degraded products within the texture of the environment. A depiction of strategies to correspond to the prediction of the contaminated risks to the ecosystem as well as an address to the lab-to-filed extrapolation challenges. The project also defines the improvement of regulatory and management tools, as heed to the achievement of sustainable development. The major subjects of research were endocrine disputers, pesticides, and plastics. Other relevant topics were preventing and assessing pollution and the aspects that correspond to the spread of pollution. In a nutshell, the recurrent research also includes an understanding of the support development that can act as a long-term strategic plan to make the environment more qualitative. In a nutshell, the research acts as a guide to promote environmental safety.

Nickitas, D. M., Poghosyan, L., Marmion, R., Thomas, K. J., Massaro, J., Anderson, R., ... & Haas, S. (2018). Call for Manuscripts: Special Issue on Climate Change & Health-Related Environmental Risks 54. *NURSING*, *36*(2), 56.

This research journal aims at the analysis of the climate change that has an impact on the environmental aspects. The core concept of the research is to analyze and reflect the information that the nurses can spread in order to address health care and environmental care. The authors highlighted certain responsibilities of the nurses making them liable to the claims that can hamper communities. There are two sides of the research; one side adheres to the awareness programs while the other aspect highlights the individual responsibility within the realms of healthcare. The paper addresses certain issues such as global warming, noise pollution, and air pollution, taking into account the impact it can have on the surrounding people. It also infers the initiatives that can be practiced by nurses as well as steps that can be taken by the general public in order to report a particular environmental risk, taking into account the importance of the quality environment.

Oiamo, T. H., Luginaah, I. N., & Baxter, J. (2015). Cumulative effects of noise and odor annoyances on environmental and health-related quality of life. *Social Science & Medicine*, *146*, 191-203.

 In this article, the authors highlights the sources that are heed to the contamination of the quality environment. It has been highlighted that odor annoyances and noise is one of the major indicators that is causing a threat to the quality environment. The subject facts were proved by the SF-12 Health Survey, addressing that the exposure to "nitrogen dioxide," and traffic noise is one of the tools that bring about the negative impact on the health. The authors proved that a quality environment is one of the fields to promote quality health. A structural equational model is used to narrate the particular findings, taking into account that countries are ranked in a response to the research carried out on diverse populations like Canada, Windsor, and Ontario. In a nutshell, the study confirmed that there is a significant effect of the psychological responses on the cumulative repsonses that were collected in accordance with HRQol.

**Learning from the Research**

The research article added to my knowledge about environmental quality, taking into account the fact that a quality environment is a necessity and all human activities are directly or indirectly associated with human activities. I came to know about the phenomena of environmental stability and the stance that can be utilized by the healthcare authorities and the general public to maintain a quality environment.

References

Altomonte, S., Schiavon, S., Kent, M. G., & Brager, G. (2019). Indoor environmental quality and occupant satisfaction in green-certified buildings. *Building Research & Information*, *47*(3), 255-274.

Furley, T. H., Brodeur, J., Silva de Assis, H. C., Carriquiriborde, P., Chagas, K. R., Corrales, J., ... & Miguez Caramés, D. M. (2018). Toward sustainable environmental quality: Identifying priority research questions for Latin America. *Integrated environmental assessment and management*, *14*(3), 344-357.

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