Providing Genetic Nursing Care to Patients With Chronic Illnesses

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**Brice, P., & Sanderson, S. (2018). Pharmacogenetics: what are the ethical and economic implications?. *Pathophysiology*, *14*.**

The article by Brice & Sanderson (2018), attempts to provide an extensive range of data on the current topic. Pharmacogenomics is considered as one of the potential field based on its application for the genetic revolution, which helps in treating and diagnosing chronic illnesses such as AIDS, cancer and cardiovascular disease, etc. The authors of the article explained the ethical and economic implications of the emerging field named as pharmacogenetics in relation to the treatment of chronic illnesses and advancements in drug stratification. It also helped in the area of pharmacogenetic testing (Brice & Sanderson, 2018). The article entails the ethical implications of the field for the patient, clinician and the health care providers including nurses. Moreover, it also tends to shed light on the issues related to the impact of pharmacogenetics, privacy and confidentiality of the patient’s information regarding his genetic makeup. Furthermore, the authors point at the benefits of the field including the improvement and safety of clinical procedures, development of the new drugs and the treatment of many chronic diseases. But, considerable impact on the need of specialized education of health care providers, a lot of cost investment and the chances of legal, social and ethical violation of the information raises the need of public policy regarding these factors (Brice & Sanderson, 2018).

This article relates to the practice of nursing in terms of explaining the economic, ethical and practical implication of this field of pharmacogenomics. Considering the role of nurse in this area of health care is very important, as nurses are one of the primary health care providers to the patients suffering from chronic diseases. Hence, keeping in notice the field of genetics, nurses play a vital role in the diagnosis, treatment and catering to the patient’s needs based on the utilization of their knowledge regarding the pharmacogenomics.

The ethical implications that should be considered for the nursing practices in regard to the genomes are that nurses must take care of the privacy and confidentiality of genetic information of the patient (Dungan et al., 2016). Moreover, the nursing practices should also consider the skeptical issues in providing care to patients with chronic illnesses based on their ethnicity.

References

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