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Jacqueline Munyasya
jacqueline_munyasya@yahoo.com

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Food Insecurity and Its Impact on Health Status Among Homeless Individuals: An Integrative Literature Review

Jacqueline Munyasya
Dr. Shannon Simonovich
DePaul University School of Nursing

Background
Food insecurity is a serious problem in the United States. The number of people affected by food insecurity in the United States has risen dramatically in recent years. 39 million people per year experience food insecurity according to the United States Department of Agriculture (USDA). There are an estimated 12.7% of homes in the United States that experience food insecurity, representing 15.8 million households nationwide. Of those impacted by food insecurity, the homeless population is disproportionately affected. According to HUD, in January 2015, an estimated 564,708 people were homeless in the United States. The difficulties faced by homeless individuals in trying to feed themselves have been documented by numerous studies.

Significance
The combination of homelessness and food insecurity is a problem that is costly to the overall health of the population. Morbidity that results from homelessness imposes serious financial burden on the State and undermines the United States public health. As nurses, we will encounter these populations and treat them in both community and acute care settings. We must be aware that food insecurities are a real threat to certain populations and could be responsible for the most immediate complaint. A stronger understanding of their experience of food insecurity and their ongoing nutritional status would be helpful in identifying appropriate nursing interventions and priorities.

Purpose
The purpose of this integrative literature review is to analyze the influence the food insecurity has over the health of homeless persons. In view of that, it is important to consider the difficulties homeless individuals have in obtaining healthy and sufficient food, how particularly their diet impacts the state of health and whether they have an access to timely care. Further, how food insecurity interrelates with other vulnerabilities and how it impacts the course of certain types of diseases.

Research Questions
1. What challenges and obstacles are experienced by homeless individuals in regards to getting healthy and sufficient amount of food?
2. How their food insecurity impacts on health status and health outcomes?

Theoretical Framework
The Ecosocial Theory is integrating numerous social factors for analysis. It is of great use to the purpose of this study because it requires an explicit consideration of many factors which influence the interrelated problems of food instability and homelessness. Ecosocial theory types and levels of exposure to a problem, its historical context, as well as public health, political, economic and sociological background.

Methods
Research Design
This study examined the level of food insecurity and inadequate nutritional status among domestic homeless population and examine how it impacts the health outcomes of the population utilizing an integrative literature review.

Data Search Strategies and Evaluation
The main criteria for inclusion of scientific articles in this study was its language and publication date. Thus, peer reviewed journal articles in English published between 1997 and 2017 were used as data sources. The search strategies included reviews of the following databases: Cumulative Index of Nursing and Allied Health (CINAHL) Complete, ProQuest, SAGE, and ProQuest Nursing & Allied Health Source. The key words were various combinations that included “food insecurity”, “homelessness”, “health”, “nutritional status”, “poverty”, “healthcare”, “health outcomes”, “barriers”, “public health”, and “United States”. Particular author’s names were also used for the search for articles on similar topics. The articles were then analyzed and themes were determined to address each of two research questions. The major common themes that emerged were food insecurity and health, homelessness and access to health care, food insecurity and nutritional status, homelessness/food insecurity and health outcomes or adherence.

Results
Of the seven articles analyzed in regard to the food insecurity impact on health status disclosed three markers of the negative influence this phenomenon has on health: High Level of Diseases, Frequent Hospitalization and Utilization of Emergency Rooms, Progress of Certain Types of Diseases and Higher Level of Mortality as well as Barriers in Access to Health Care.

Nursing Implications
The reviewed studies showed that homeless persons require special care and it is therefore important for nurses to understand the relevant background of these individuals to better identify risk factors and provide more timely diagnostics of existing diseases and their causes and provide appropriate resources.

Conclusion
The problem of food insecurity is a widespread and dangerous issue that entails high levels of illnesses, comorbidity, and mortality. It affects the social wellness of the population in general and therefore requires further studies aimed at reducing of this problem and its consequences.

Food insecurity also implies numerous health complications for those who suffer from it. Homeless individuals experience numerous challenges and obstacles as regards getting healthy and sufficient amount of food, and this entails further health issues. As a result, homeless persons use emergency care more often than preventive medical care, and their serious and chronic diseases are more difficult to manage and treat.