

THE IMPACT ON PRENATAL/MATERNAL CARE AMONG A LOW SOCIOECONOMIC POPULATION AS A RESULT OF **POOR ATTENDANCE/MISSED APPOINTMENTS Teneisha N. Olivierre School of Public Health, SUNY Downstate Health Sciences University**

Abstract

Prenatal care has been shown to improve birth outcomes, and a lack of prenatal care is a significant risk factor for poor maternal and infant health. Although the state of maternal health has made significant strides in recent years, women in low socioeconomic status' continue to receive in adequate care. Research has stressed the importance of prenatal care and health outcomes as a result of adequate care.

Objective

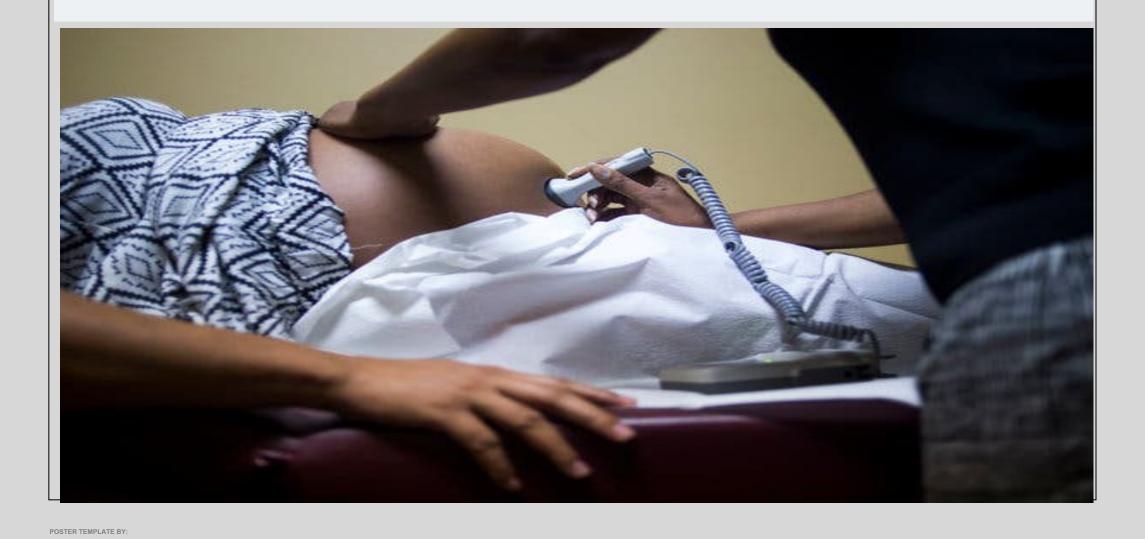
This systematic review examined literature for correlations between missed visits maternal health and how the latter can affect health outcomes.

Methods

Queries were conducted via PubMed for literature dated from 2008 – 2020. Keywords such as, access, barriers, prenatal care, "noshow" appointment, and missed appointments were used to find studies. Literatures were chosen based on their relevance to the topic. Most studies had to reference the significance of missed appointments. Studies that made no mention of missed visits were not reviewed.

Results

Out of 46 articles reviewed, six met eligibility criteria. Of the six selected three articles addressed barriers to PNC, two focused on missed appointments and health outcomes, and the final article addressed recommendations and possible interventions.



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	Results
Author	Barriers to Prenata
<u>Author</u> Gadson (2017)	ResultGadson et. al conducted A qualitative and qualitative for understanding how disparities in maternal morbidity and mortality in African Am of prenatal care in terms of patient engagement subgroups of the US population. Prenatal care
Heaman (2015)	Heaman et al used a descriptive exploratory q inner city women, many of which included, ca and program/service characteristics. Suggest facilitators and included ideas to make PNC m responsive to the complex needs of the patien
Johnson (2011)	A phenomenological model was used to condu- interviewed 331 African American and Latino motivators, facilitators, and barriers significant collections were statically analyzed using the l provider perceptions vs patient perceptions. T perceptions are completely different. As such consistently and consciously involve patients i individualized based on patient's concerns and
	Missed Appointments and H
<u>Author</u>	Result
Hwang (2015)	Hwang et al hypothesized that patients with a have worse clinical and acute care utilization of propensity. To test this hypothesis researcher for patients of a large academic primary care r data. Participants included 140,947 patients v 2009. Results indicated that patients in the lo NSPF had increased rates of acute care utilization
Quinn (2008)	A a concurrent triangulation design was used quantitative mail survey of reasons for missed interviews. The study was carried out in collab primarily served low-income women living in a quantitative survey that was answered by 38% a qualitative study that required a face-to-face appointments are frequently more complicated childcare. Interviews indicate dissatisfaction w patient or between the front office staff and the
Author	Result Possible Interven
Peahl (2020)	An article by Peah et al argued that the current reconceptualized. The authors suggests that for primarily focusing on medical complications, fl individualizing care will improve the current pro- care providers of today. They proposed a com- both patients' medical and social needs into for need, 2. High medical need; high support need High medical need; low support need). Effective patients' needs: medical and psychosocial. Co- a single maintenance model can improve patients patients with appropriate services.

al Care

antitative review of literature that offered a possible in prenatal care utilization may relate to disparities in nerican women. They also note that the advantages ent and education have not been uniform across all re may need to be supplemented with ancillary and entified subgroups. Further research is required to

qualitative design that identified barriers that related to are giver characteristics, health care system barriers, tions to improve care reflected those identified by the nore accessible and convenient as well as more

luct qualitative research by Johnson et al. Researchers patients and 61 providers to identify which of the 63 itly influenced PNC initiation and lack thereof. Data Fischer Exact test and Kendall test to compare The results indicated that providers and patients , researchers recommend that providers should in planning their own healthcare. Care must be nd self-care issues.

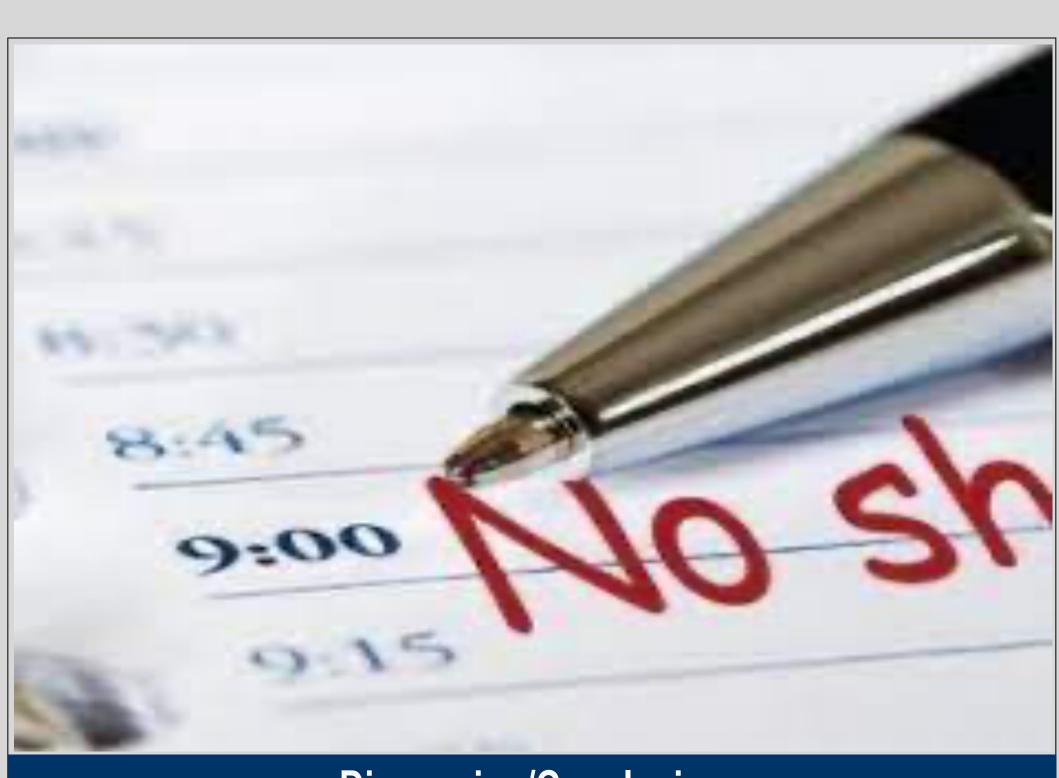
Health Outcomes

high propensity to "no-show" for appointments will outcomes compared to patients with a lower rs calculated the no-show propensity factor (NSPF) network using 5 years of outpatient appointment who visited the network practice between 2007 and ow NSPF group compared to patients in the high ation for hospitalization and emergency care.

by Quinn et al to compare patient responses on a appointments with those obtained through in-depth poration with an extensive OB/GYN practice that a South Florida urban area. They conducted a % of the target population. Of those, 12 agreed to do e interview. The study results concluded that missed ed than simply forgetting and a lack of transportation or with the interaction between the provider and the ne patient.

ntions

nt model for PNC is outdated and should be focusing on promoting health and wellness instead of flexibility incorporating patient preferences, and renatal care model better to serve patients and health nceptual model for prenatal care that incorporates our phenotypes (1. Low medical need; high support ed, 3. Low medical need; low support need, and 4. ive prenatal care should address two types of ombining a patient's medical and support needs into ient phenotyping, which can then match appropriate

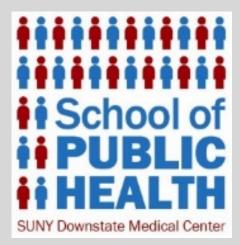


Of the 46 articles reviewed, six met eligibility criteria. Three focused on barriers to prenatal care, two focused on the impact missed appointment on health outcomes, and the last article gave recommendations for interventions that address barriers to PNC. Although there are many contributions to study on barriers that affect access to inadequate PNC, there aren't many studies that focus on the impact of missed appointments on maternal health outcomes.

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Daniel Ehlke, PhD, MA Interim Chair and Associate Professor Department of Health Policy and Management

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Discussion/Conclusion

Acknowledgement

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