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## Underserved patients perspectives on how the EHR impacts their health

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ur modern health care system requires technology that can deal with multidisciplinary and complex processes, operations and situations. The HER is one of the greatest health information technology innovations that satisfy these requirements because of its efficiency and the effectiveness of its features and study sought to develop in-depth understanding of how underserved or underprivileged patients' perspectives about their health and illness. This can contribute to greater and more use of the Electronic Health Record (EHR) and it is also a sought to improve their health outcomes and maintain sustainable change in the lives of the underserved. A quantitative non-experimental design study was conducted over a 6-week period outside of three different internal medicine clinics, one in the Northwestern and the two others in the Southeastern regions of Washington, DC. Surveys were distributed directly to patients coming out of these health clinics, and participants sent their responses via mail. Data collection contains 215 surveys out of 560, but, only 155 fit the overall study categories. A strong level of significance in the relationships between clinical outcome measures and the EHR was identified at a 95% confidence interval. There were considerable health determinants that illustrated the essence of patients' perspectives and the need for its fuse into health outcome measures for the underserved populations. The study also identified sets of environmental health predictors which acted as facilitators and contributors to a holistic health management model designed to contribute to the needs of the underserved communities. The holistic health model and the individual care plan model derived from the study are applicable at the level of the underserved population. It can help achieve sustainable health outcomes that will save lives and promote better health.

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