



Presenter: Nathan Fernando

Session & Time: Poster_III / 2:00 to 2:50pm

Room: Guzman Lecture Hall

Discipline: Nursing

Faculty Mentor: Luanne Linnard-Palmer

Digital Portfolio URL:

Title: The Relationship Between Childhood Bipolar Disorder on the Development of Adult Cardiovascular Disease

Abstract:

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The relationship between childhood bipolar disorder and the development of adult cardiovascular disease is an emerging concern in the field of nursing and public health. Early onset mental health disorders can lead to chronic stress, maladaptive coping mechanisms, and behavioral patterns that may increase the risk of physical health complications later in life. Nurses play a critical role in early identification, education, and intervention for children

experiencing mental health disorders, with long term health outcomes in mind. While much research exists on the psychological effects of bipolar disorder, this thesis focuses on the potential long term physiological impact, specifically the connection to adult cardiovascular disease. This topic will be examined through a review of current literature highlighting effects of bipolar on cardiovascular health and the importance of early nursing interventions and holistic, adaptation focused care. In addition to a literature review, a descriptive cross-sectional study will be used. A sample of 50 parents of children recently diagnosed with bipolar disorder will be presented with a survey to assess parent's understanding of potential long-term cardiovascular risks associated with the diagnoses and to identify gaps in education. The investigation of awareness of the correlation between bipolar disease and cardiovascular disease aims to provide insight into knowledge gaps among caregivers, guide educational interventions, and support early nursing strategies that promote long term health outcomes.