SCREENINGS TO DECREASE PEDIATRIC SUICIDE
AMANDA AUSTIN, JORDAN BRIDGES, DANA SCHILDMEYER,
NORTHERN KENTUCKY UNIVERSITY, BSN NURSING PROGRAM
FACULTY: DR. LAURA BOESKEN DNP, RN

Purpose/PICOT
PICOT question: In pediatric patients aged 5-18 years old currently enrolled in the public school system, does the use of quarterly depression screening tools compared to no intervention decrease the rates of suicide?

Purpose: To determine if the implementation of screening in schools is beneficial in identifying depression and suicide risks sooner

Background
Suicide completion rates have increased by 56% from 2007 through 2017
From 2005 to 2017 there are increasing rates of major depression, reported suicidal thoughts & attempts
Depression symptoms are higher in younger adults and adolescents
Most children do not have access to primary health care
Depression and suicide are leading causes of death in adolescents

Current Practice:
Screenings are done in the ED or PCP office if already exhibiting s/s of depression
Kenton County Schools perform semi annual screenings (Terrace Metrics tool)

Methods of Data Collection
- Databases: Google Scholar, PsycInfo, PubMed, and CINAHL
- Keywords: pediatric patients, depression and suicide screening, depression signs and symptoms, adolescent suicide, pediatric mental health, public school mental health screenings, pediatric suicide rates, current mental health practice

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Theoretical Framework
Betty Neuman’s Systems Model
Primary: education on mental illness, screening all individuals
Secondary: screening those showing signs
Tertiary: early diagnosis to start treatment

Results/Key Findings
- Schools represent a primary service delivery setting for children who do receive treatment, with estimates indicating that up to 80% who receive mental health services do so at school
- Mental health screening for young people at risk for mental health difficulties in schools is an effective method to facilitate monitoring and early intervention with detection of a mental illness
- Screening in schools can result in outreach and help to youth in need
- Reaching children while at school can help to mobilize school and community efforts to promote student mental health while reducing barriers to their learning
- Screening in schools increases children’s access to mental health care

Conclusion
- Current evidence supports that suicide rates are increasing in the pediatric population; therefore, implementing mental health screenings in schools will aid in reducing the incidence of suicide among this population through more frequent screening and earlier mental health diagnoses. Schools are the most accessible setting for earlier mental health screenings to take place.

Recommendations/Future Research
- Future research should be conducted to explore interventions to help students manage stress and anxiety to help reduce the number of students experiencing depression and/or suicidal thoughts
- It is recommended to conduct quarterly screenings in schools to identify mental illness sooner and provide the best outcome for children and adolescents

*References available on request