

Children's Mercy Kansas City

**SHARE @ Children's Mercy**

---

Posters

---

3-2023

## **Psychosocial Needs of Pediatric Patients with Cancer Predisposition Syndromes: Standardized Screening Needed**

Meredith Ehrhardt

*Children's Mercy Kansas City*

Mirae Fornander

*Children's Mercy Kansas City*

Rachel Moore

*Children's Mercy Hospital*

Let us know how access to this publication benefits you

Follow this and additional works at: <https://scholarlyexchange.childrensmercy.org/posters>



Part of the [Oncology Commons](#), and the [Pediatrics Commons](#)

---

### **Recommended Citation**

Ehrhardt, Meredith; Fornander, Mirae; and Moore, Rachel, "Psychosocial Needs of Pediatric Patients with Cancer Predisposition Syndromes: Standardized Screening Needed" (2023). *Posters*. 314.

<https://scholarlyexchange.childrensmercy.org/posters/314>

This Poster is brought to you for free and open access by SHARE @ Children's Mercy. It has been accepted for inclusion in Posters by an authorized administrator of SHARE @ Children's Mercy. For more information, please contact [hlsteel@cmh.edu](mailto:hlsteel@cmh.edu).

# Psychosocial Needs of Pediatric Patients with Cancer Predisposition Syndromes: Standardized Screening Needed

Meredith Ehrhardt, Ph.D.<sup>1</sup>; Mirae Fornander, Ph.D.<sup>1</sup>; Rachel Moore, Ph.D.<sup>1,2</sup>

<sup>1</sup>Children's Mercy Kansas City; <sup>2</sup>UMKC School of Medicine

## Introduction

- Cancer predisposition syndromes (CPS; e.g., Li-Fraumeni syndrome, Von Hippel-Lindau syndrome) require routine, standardized medical monitoring.
- Literature supports routine psychosocial screening in this population, yet very few CPS clinics with dedicated psychosocial care exist in the U.S.
- There is currently no standard of care for psychosocial support of CPS patients.
- This study aims to understand psychosocial needs of pediatric CPS patients and to support the need for a standardized psychosocial screening protocol among pediatric CPS clinics.

## Methods

- Data were collected from the Surveillance for Predisposition to Tumors (SPoT) Clinic from 2021-2022 via REDCap.
- A variety of parent- and child-reported questionnaires were administered.

## Child Report

Demographics

---

Suicide Screen

---

Abuse/Neglect Screen

---

Personal Mental Health History

---

Academics

---

PedsQL Wellbeing - Child

---

PHQ-9

---

GAD-7

---

MICRA

---

Children's Hope Scale

## Parent Report

Demographics

---

Developmental Milestones

---

Family Mental Health History

---

Academics

---

PedsQL Wellbeing - Parent

---

PedsQL Wellbeing - Family Functioning

---

CEFIS

---

PAT 2.0

## Results

- Demographics: 25 patients, ages 2-19 years (M=11.80, SD=4.70)
  - 60% (n=15) female
  - 76% (n=19) non-Hispanic White, 16% (n=4) Black, 4% (n=1) American Indian, 4% (n=1) other
- Academics: 68% (n=17) denied concerns
- Depression (PHQ-9): 6 reported clinically significant scores, M=5.64, SD=5.45
  - Mild n=3; moderate n=2; severe n=1
- Anxiety (GAD-7): 5 reported clinically significant scores, M=5.50, SD=5.77
  - Mild n=3, moderate n=1, severe n=1
- Children's Hope Scale: Medium to high levels of hope (N=8, M=4.40, SD=1.23)

## Conclusions

- Pediatric CPS patients have medium to high levels of hope and few concerns for depression and anxiety.
- This study offers a standardized psychosocial screening protocol model.