Children's Mercy Kansas City SHARE @ Children's Mercy

Posters

5-2021

## Rates of Positive Suicide Screens among the Emergency, Inpatient and Outpatient Clinics at a Tertiary Care Children's Hospital

Fajar Raza Children's Mercy Hospital

Hung-Wen Yeh Children's Mercy Hospital

John Lantos Children's Mercy Hospital

Mark Connelly Children's Mercy Hospital

Shayla Sullivant *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 Behavioral Medicine Commons, Bioethics and Medical Ethics Commons, and the Pediatrics Commons

#### **Recommended Citation**

Raza, Fajar; Yeh, Hung-Wen; Lantos, John; Connelly, Mark; and Sullivant, Shayla, "Rates of Positive Suicide Screens among the Emergency, Inpatient and Outpatient Clinics at a Tertiary Care Children's Hospital" (2021). *Posters*. 169. https://scholarlyexchange.childrensmercy.org/posters/169

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.

# Rates of Positive Suicide Screens among the Emergency, Inpatient and Outpatient Clinics at a Tertiary Care Children's Hospital

Fajar Raza<sup>a</sup>, Hung-Wen Yeh<sup>b</sup>, John D. Lantos<sup>c</sup>, Mark Connelly<sup>d</sup>, Shayla Sullivant<sup>e</sup>

Division of Bioethics<sup>a,c</sup>, Health Services and Outcome Research<sup>b</sup>, and Developmental and Behavioral Research<sup>d,e</sup>, Children's Mercy Kansas City

Background	Results				
<ul> <li>Suicide is the 2nd leading cause of death in teens and young adults.<sup>1</sup></li> <li>Most prior studies of suicide risk focus on patients seen in the</li> </ul>	<ul> <li>Out of the 101,732 screenings completed, positive risk was identified at 11,460 (11.3%) encounters and acute risk was identified at 734 (0.7%) encounters.</li> </ul>				<ul> <li>Only a small frac that may require</li> </ul>
<ul> <li>Emergency Department (ED).<sup>2,3</sup></li> <li>In 2018, we implemented a hospital-wide program to screen all teens seeking care at our children's hospital for suicide risk. Adolescents (&gt;12yo) were screened using the ASQ (Ask Suicide Screening Questions).</li> <li>Screening took place once/week during inpatient (IP) stays, monthly in outpatient (OP) and urgent care (UC) clinics, and at every ED visit.</li> <li>The goal of collecting this data was to identify individuals at high-risk and to determine whether high-risk patients clustered in certain clinics</li> </ul>	<ul> <li>or 1.7%), were</li> <li>Rates of suicid Cl: 1.01 - 1.04,</li> </ul>	<ul> <li>to multiple positi inpatient stay), presentate psychia suicide rates in Presentate suicide rates in Presentation of the suicide rates in Presentation of the suicide rates in Presentation of the suicide sui</li></ul>			
or care settings. Methods	LOCATION	Positive screens/total screens in each	CLINIC	Positive screens/total screens in each location	screening by allo the highest risk. Screening progr
<ul> <li>Data on suicide risk assessment results, demographics, and settings for medical encounters occurring between February 2019 and January 2020 was retrieved from the deidentified data repository.</li> </ul>		location	Pain management	99/641 <b>(15.4%)</b>	screens in teens
	Urgent Care	1,159/13,205 <b>(8.8%)</b>	Weight management	95/615 <b>(15.4%)</b>	among teens in
suicide rick with child age sex and race	Outpatient Clinics	6,380/66,900 <b>(9.5%)</b>	Sleep	109/618 <b>(17.6%)</b>	1. Center for Disease C
	Emergency Department	3,180/17,641 <b>(18.0%)</b>	Teen primary care	805/4572 <b>(17.6%)</b>	system (WISQARTS January 18, 2021. 2. Ballard, E.D., Cwik,
			Adolescent specialty	290/1166 <b>(24.9%)</b>	in a Pediatric Emerge https://doi.org/10.1
	Inpatient	741/3,968 <b>(18.6%)</b>	Child abuse and neglect	138/343 <b>(40.2%)</b>	3. Horowitz L, Ballard E complaints for suicic
	Table 1. Locations with highest rates of positive screensTable 2. Clinics with highest rates of positive screens			<ul> <li>Pediatr Emerg Care.</li> <li>4. Curtin SC. State suici States, 2000–2018. N Center for Health States</li> </ul>	

# LOVE WILL.



JMK(

School of Medicine

### **Conclusions**

fraction (0.7%) of pediatric patients are at "acute" risk quire 1:1 observation, psychiatric hospitalization, etc.

d overall suicide risk rate (11.3%) may have been due positive screens during a given encounter (e.g., ay), patients being admitted to IP due to the lack of a chiatry unit, higher than national average youth in Kansas and Missouri<sup>4</sup>, and the design of the ASQ s past suicide attempts as "positive" regardless of e risk.

uicide-risk screening is possible in a tertiary care setting significant education and planning to adequately ient needs. Pediatric hospitals may consider starting allocating resources for areas that serve patients with risk.

ograms could anticipate higher rates of positive ens who are older, white, and female, as well as in certain specialty populations.

#### References

ase Control and Prevention. Web-based injury statistics query and reporting ARTSTM), 2017. https://www.cdc.gov/injury/wisqars/index.html. Accessed

wik, M., Van Eck, K. et al. Identification of At-Risk Youth by Suicide Screening nergency Department. Prev Sci 18, 174–182 (2017). 10.1007/s11121-016-0717-5.

lard E, Teach SJ, et al. Feasibility of screening patients with nonpsychiatric suicide risk in a pediatric emergency department: a good time to talk?. Care. 2010;26(11):787-792. doi:10.1097/PEC.0b013e3181fa8568

suicide rates among adolescents and young adults aged 10-24: United 018. National Vital Statistics Reports; vol 69 no 11. Hyattsville, MD: National th Statistics. 2020

