# Indian Health Service Suicide Risk Screenings, Evidence, Clinical Pathways & Treatment Priorities

CAPT JOHN LESTER, PharmD, MAS AREA CLINICAL INFORMATICIST 08/20/23



# Suicide Risk Screening Presented By (1) ...

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Acting Zero Suicide Lead

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OCPS/Division of Behavioral Health

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# **Learning Objectives**

- Describe the public health crisis of suicide, especially among American Indian/Alaska Native population
- Assess population needs when identifying & using suicide screens within tribal communities
- List current evidence-based suicide risk screens available.
- Discuss application issues of suicide risk screens to American Indian/Alaska Native population
- Define the important difference between "screening" & "assessment"
- Deliberate how Clinical & Public health informatics Health Information Technology (HIT) tools in current use bolster suicide prevention and next steps with our current outpatient deployment

# Scope of the Problem

- Suicide is a global public health problem
- Suicide is the 8<sup>th</sup> leading cause of death among all Al/AN across all ages
- Suicide Rate for Al/AN adolescents & young adults ages 15 to 34 (19.1/100,000) was 1.3 times that of the national average for that age group (14/100,000)
- 1/3 of all Al/AN youth deaths in 2020 were from something preventable: suicide

## **Recent Data**

- Suicide deaths from 2015-2020 in the National Violent Death Reporting System (NVDRS)
  - 3,397 AI/AN
  - 179,850 non-Al/AN suicides
- Nearly 75% of Al/AN suicides were among people ages 44 years and younger, compared to 46.5% among non-Al/AN suicides
  - Greatest proportion of suicides among Al/AN (46.9%) were among people ages 25-44 years
  - Greatest proportion of suicides among non-Al/AN (35%) were among people ages 45-64 years.
- Among suicide decedents, nearly 45% of Al/AN persons, versus 18.7% of non-Al/AN persons, resided in nonmetropolitan areas.
- Al/AN were more likely than non-Al/AN to disclose suicide intent prior to death.

# **Key Findings**

Among other findings, Al/AN persons were more likely to experience relationship problems and circumstances associated with alcohol and/or substance misuse (including reported alcohol use hours before death), compared with non-Al/AN.

**Nearly 55%** of Al/AN persons experienced **relationship problems/losses**, compared with 42.2% among non-Al/AN.

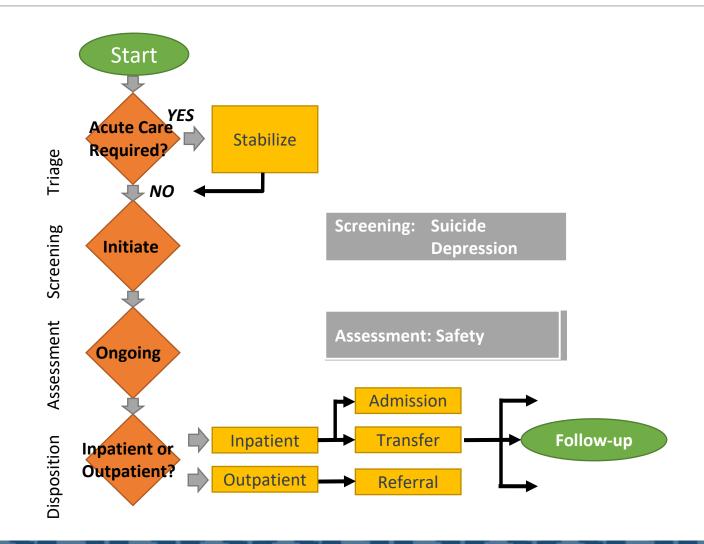
- Al/AN persons compared to non-Al/AN persons were more likely to experience intimate partner and family relationship problems, interpersonal violence victimization and perpetration, suicide of a friend/family member, & arguments/conflicts preceding death.
- Al/AN persons compared to non-Al/AN persons had greater odds of alcohol and/or substance use problems, having experienced recent or pending crisis related to these conditions, & greater odds of alcohol use prior to suicide.

# Suicide Risk Screening Clinical Pathway

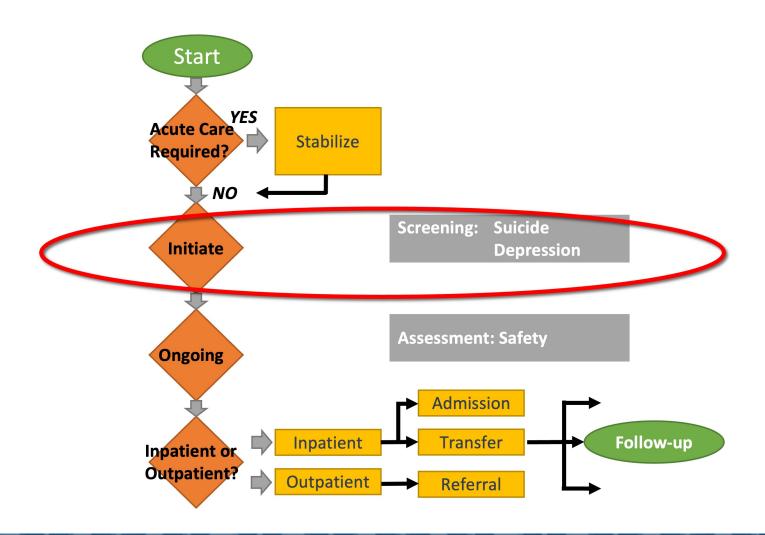
PAMELA END OF HORN, DSW, LICSW
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INDIAN HEALTH SERVICE HEADQUARTERS
OCPS/DIVISION OF BEHAVIORAL HEALTH



# **Clinical Care Pathway (1)**



# **Clinical Care Pathway (2)**



# **Evidence-Based Pathway Aids**

- Ask Suicide-Screening Questions (ASQ):
  - A brief instrument for the pediatric emergency department.<sup>1</sup>
  - Validation of the ASQ for adult medical inpatients: A brief tool for all ages. 2
- The Patient Safety Screener (PSS-3):
  - A Brief Tool to Detect Suicide Risk in Acute Care Settings. <sup>3</sup>
- Suicide risk screening in pediatric hospitals:
  - Clinical pathways to address a global health crisis. 4
- Clinical Pathway for Suicide Risk Screening in Adult Primary Care Settings.<sup>5</sup>
- Recommended standard care for people with suicide risk:
  - Making health care suicide safe. Washington, DC: Education Development Center, Inc. <sup>6</sup>

# Suicide Risk Screening

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# Screening Definition<sup>1</sup>

Process for evaluating the possible presence of a problem **E.g.** Pain Screen – Used to determine if patient has pain or not

# Screening vs. Assessment: What's the difference?

### **Suicide Risk Screening**

- Identify individuals at risk for suicide
- Oral, paper/pencil, computer

### **Suicide Risk Assessment**

- Comprehensive evaluation
- Confirms risk
- Estimates imminent risk of danger to patient
- Guides next steps



# Evidence-Based Screening Tools Suicide & Depression

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# Columbia-Suicide Severity Rating Scale (C-SSRS) Triage Version<sup>2</sup>

- Developed as a surveillance tool by Columbia University, the University of Pennsylvania, and the University of Pittsburgh
- Multiple versions for all ages in different settings
- Includes a triage guide to aid in clinical decisionmaking

# Suicide Behavior Questionnaire - Revised (SBQ-R)<sup>2</sup>

- Developed by A. Osman
- Free four (4) item self-report questionnaire that asks about future anticipation of suicide-related thoughts or behaviors focusing on 12 years & older and adults

# Beck Scale for Suicide Ideation (BSSI)<sup>3</sup>

- Subscription-based tool developed by A. Beck & R. Steer
- Twenty-one (21) items that focus on suicidal intent in patients ages 17 years and older

# Patient Health Questionnaire-9 (PHQ9)<sup>2</sup>

- A depression severity index tool used to monitor depression in ages 12 years and older
- Ninth item associated with suicide risk but poor indicator
- Free nine-item tool developed by R. Spitzer, J. Williams,
   & K. Kroenke under a grant from Pfizer, Inc.

# Ask Suicide-Screening Questions (ASQ)<sup>2</sup>

- Free tool created for the medical setting that has an ASQ toolkit developed by the National Institute of Mental Health
- Four-item suicide risk screening tool designed for youth & adults, ages 8 and older, in emergency departments, inpatient units, & primary care facilities
- Validated in medical and psychiatric patients
- Toolkit includes a Brief Suicide Safety Assessment available for positive screens

# Can Depression Screening be Used to Effectively Screen for Suicide Risk?

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# Patient Health Questionnaire - 9 (PHQ-9)

- 9-item depression screen assessing symptoms during the past 2 weeks
- Available in the public domain and commonly used in medical settings
- One "suicide-risk" question: Item #9

How often have you been bothered by the following symptoms during the past two weeks? "Thoughts that you would be better off dead **or** of **hurting** yourself in some way"

Families, Systems, & Health 2018 Vol. 36 No. 3, 281–288 © 2018 American Psychological Associati 1091-7527/18/\$12.00 http://dx.doi.org/10.1037/fsh00003

Inadequacy of the PHQ-2 Depression Screener for Identifying Suicidal Primary Care Patients

Aubrey R. Dueweke, MA, Mikenna S. Marin, BA, David J. Sparkman, MA, and Ana J. Bridges, PhD
University of Arkansas

nomatics 2015:36:460-469
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Original Research Reports

Comparison of Electronic Screening for Suicidal Risk With the Patient Health Questionnaire Item 9 and the Columbia Suicide Severity Rating Scale in an Outpatien Psychiatric Clinic

Adele C. Viguera, M.D., Nicholas Milano, M.D., Laurel Ralston D.O., Nicolas R. Thompson, M.S., Sandra D. Griffith, Ph.D., Ross J. Baldessarini, M.D., Irene L. Katzan, M.D., M.S. HHS Public Access
Author manuscript
J Clin Psychiatry. Author manuscript; available in PMC 2017 February 01.
Published in final edited form as:

Published in final edited form as: J Clin Psychiatry. 2016 February; 77(2): 221–227. doi:10.4088/JCP.15m09776.

Risk of suicide attempt and suicide death following completion of the Patient Health Questionnaire depression module in community practice

Gregory E Simon, MD, MPH<sup>1</sup>, Karen J Coleman, PhD<sup>2</sup>, Rebecca C Rossom, MD<sup>3</sup>, Arne Beck, PhD<sup>4</sup>, Malia Oliver, BA<sup>1</sup>, Eric Johnson, MS<sup>1</sup>, Ursula Whiteside, PhD<sup>1</sup>, Belinda Operskalski, MPH<sup>1</sup>, Robert B Penfold, PhD<sup>1</sup>, Susan M Shortreed, PhD<sup>1</sup>, and Carolyn Rutter PhD<sup>1,4</sup>

# Depression Screening vs. Suicide Risk Screening

ASQ vs. PHQ

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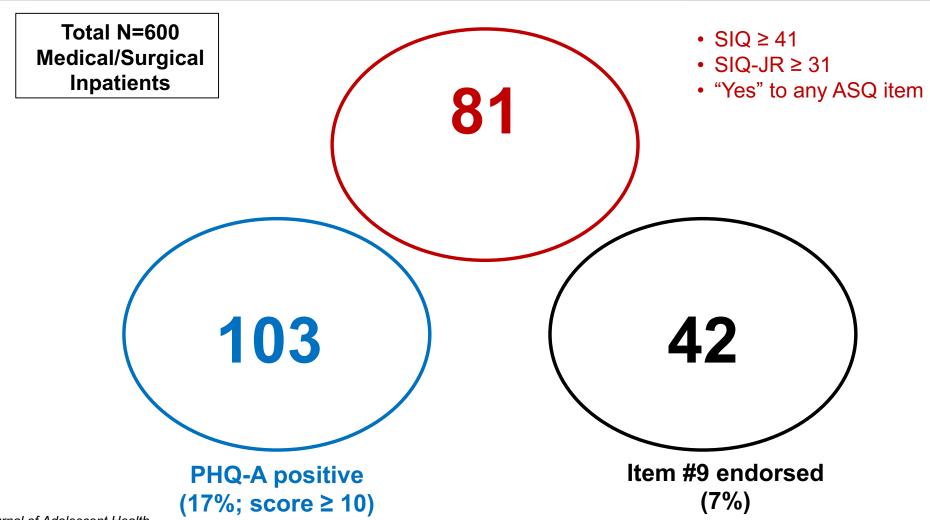
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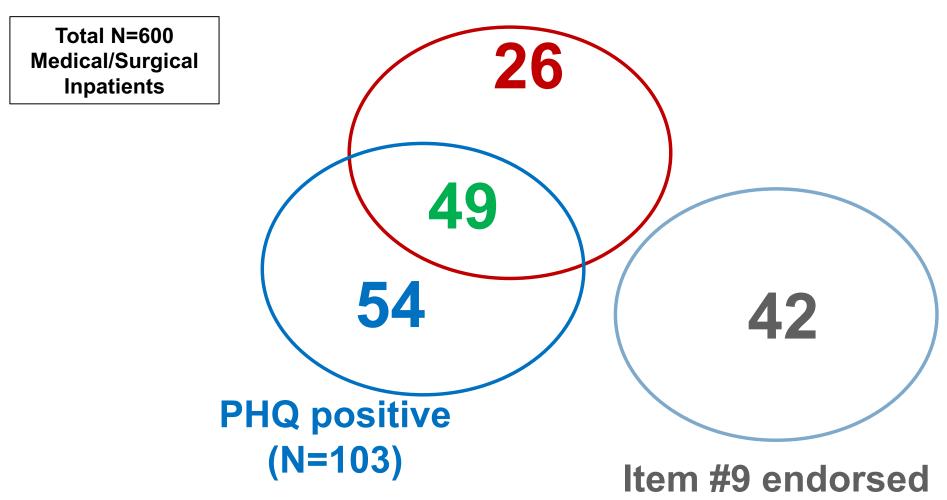
NATIONAL INSTITUTE OF MENTAL HEALTH, NIH

# Suicide-Risk Positive (13.5%)



Horowitz et al. (2021) Journal of Adolescent Health

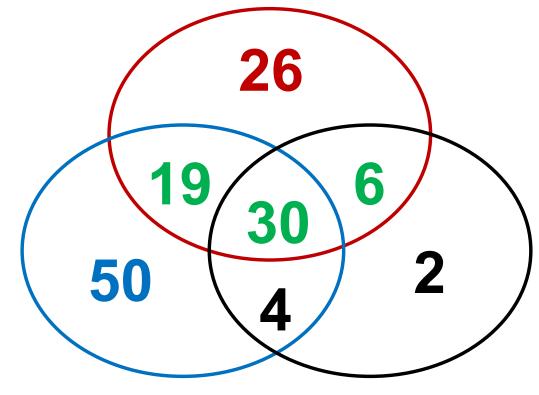
# Suicide-Risk Positive (N=81) Part 1



Horowitz et al. (2021) Journal of Adolescent Health

# Suicide-Risk Positive (N=81) Part 2

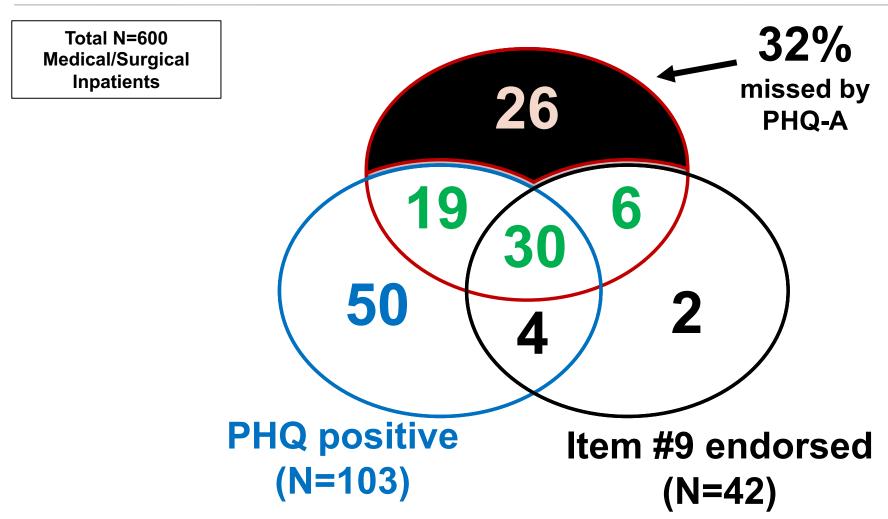
Total N=600 Medical/Surgical Inpatients



PHQ positive (N=103)

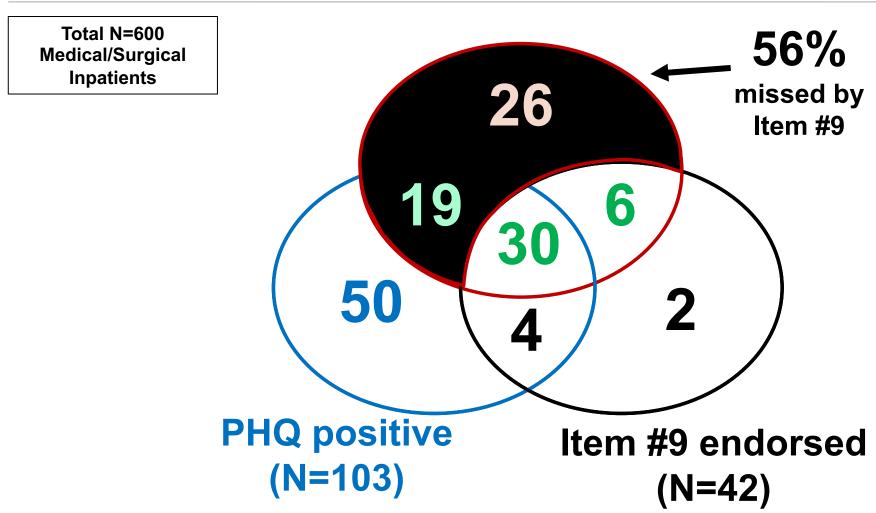
Item #9 endorsed (N=42)

# Suicide-risk positive (N=81) Part 3



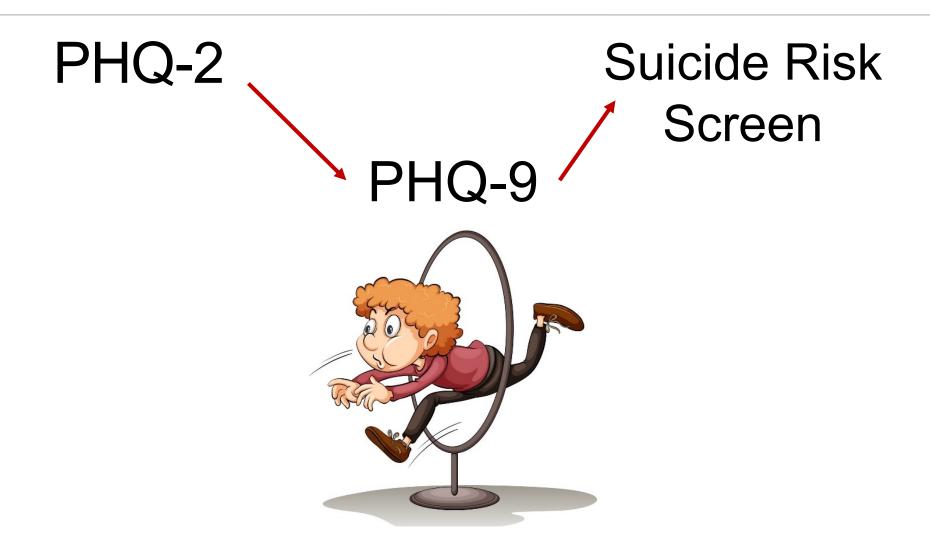
Horowitz et al. (2021) Journal of Adolescent Health

# Suicide-Risk Positive (N=81) Part 4



Horowitz et al. (2021) Journal of Adolescent Health

# PHQ-2 -> PHQ-9 -> Suicide Risk Screen



# **PHQ-A** with ASQ

	Clinialan		D-1-			
Name:	Clinician:		Date:			
weeks? For each sympt	have you been bothered by each om put an "X" in the box beneath					
feeling.		(0) Not at all	(1) Several days	(2) More than half the days	(3) Nearl every day	
	ssed, irritable, or hopeless?					
Little interest or pleases.     Trouble falling asleepmuch?	p, staying asleep, or sleeping too					
4. Poor appetite, weigh	t loss, or overeating?					
5. Feeling tired, or havi						
	surself – or feeling that you are a sive let yourself or your family					
	g on things like school work,					
8. Moving or speaking : have noticed?	so slowly that other people could					
	ing so fidgety or restless that you					
were moving around	ing so fidgety or restless that you a lot more than usual? ould be better off dead, or of					
were moving around     Thoughts that you we hurting yourself in so  In the past year have your self in the past year have your self in the past year have your self in the past year have your self-in the past year.	a lot more than usual? ould be better off dead, or of ome way? u felt depressed or sad most days	s, even if you fe	elt okay somet	imes?		
were moving around 9. Thoughts that you w hurting yourself in sc In the past year have yo  Yes If you are experiencing a	a lot more than usual? ould be better off dead, or of ome way?	ow difficult ha	ave these prob		for you to	
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were moving around 9. Thoughts that you w hurting yourself in sc  In the <u>past year</u> have yo  Yes  If you are experiencing a do your work, take c	a lot more than usual? ould be better off dead, or of ome way?  u felt depressed or sad most days  No ny of the problems on this form, h are of things at home or get along	ow <b>difficult</b> ha with other ped □Very difficult	ave these prob	lems made it t	for you to	
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were moving around 9. Thoughts that you we hurling yourself in so In the past year have yo Yes If you are experiencing a do your work, take o Not difficult at all ice use only:  In the past few week In the past few week better off if you were	a lot more than usual? outlid be better off dead, or of ome way?  u felt depressed or sad most days on of ome way?  u felt depressed or sad most days on of the problems on this form, hare of things at home or get along of the problems on this form, hare of things at home or get along of the problems on this form, have of things at home or get along of the problems on this form, have you wished you were so, have you wished you were so, have you felt that you or you dead?	ow difficult ha with other per per per per per per per per per p	we these probople?  □Extreiverity score	elems made it is mely difficult.	NO NO	
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### Scan me!



nimh.nih.gov/ASQ

# Universal Suicide Risk Screening What to Do, How to Do, & How to Implement

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NATIONAL INSTITUTE OF MENTAL HEALTH, NIH

# Why did we choose the ASQ?

- Developed through research specifically for the medical setting with strong psychometric properties
- Validated through research with youth and adults
- Takes 20 seconds, easy scoring (any "yes" is positive)
- Free for public use
- Evidence-based, and does not overburden busy practice workflows
- Is the first step of a 3-tiered clinical pathway
- It's a screening tool that can be paired with other assessment tools, such as the C-SSRS.

Ask the patient:	eks, have you wished you were dead? • Yes • No	Sensitivity: 96.9%	(95% CI,	91.3-99.4)
<ol> <li>In the past few wee would be better of</li> <li>In the past week, h</li> </ol>	Ask the patient:			04.0.00.5
about killing yours 4. Have you ever tried	1. In the past few weeks, have you wished you w	ere dead? XYes	XX No	84.0-90.5)
If yes, how?	2. In the past few weeks, have you felt that you owned be better off if you were dead?	or your family Yes	<b>X</b> No	
When?	3. In the past week, have you been having though about killing yourself?	<b>O</b> Yes	₩No	ents:
If the patient answers  5. Are you having tho	4. Have you ever tried to kill yourself?	<b>○</b> Yes	XX No	99.9)
Next steps:  If patient answers "No" No intervention is nece If patient answers "Ye- positive screen. Ask o	If yes, how?	ACUTE		96.9% VE
Patient car  • Keep patie responsible  "No" to question • Patient re- is needed. • Alert phys	If the patient answers <b>Yes</b> to any of the above, ask	the following acuity question:		
Provide resource  24/7 National Suicide  24/7 Crisis Text Line  24/5 Street  25/5 Suicide Risk Street  25/5 Suicide Risk Street  25/5 Suicide Risk Street	A 1 1	ht now?	<b>X</b> No	

# What happens when a patient screens positive?



# Here's What Should NOT Happen

Do not treat every person who has a thought about suicide as an emergency



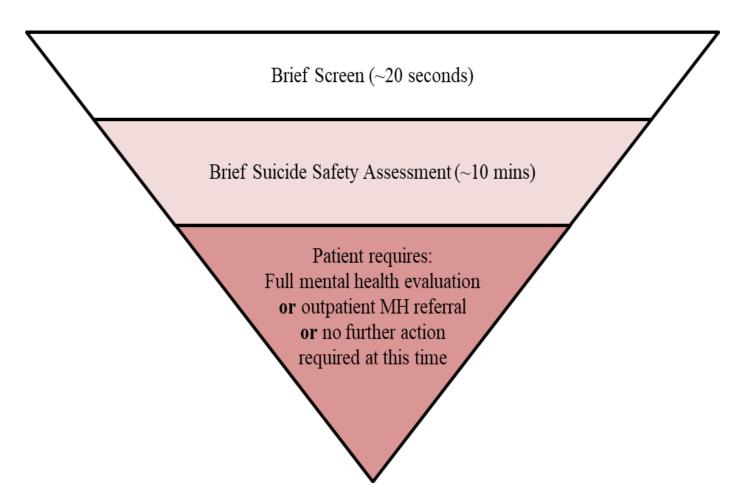
1:1 sitter





clinical pathway is a guide to avoid unnecessary interventions

## Clinical Pathway 3-tiered system Helps avoid overtaxing the system



Brahmbhatt, Kurtz, Afzal...Pao, Horowitz, et al. (2018) Psychosomatics

## **Screening Integration**<sup>4</sup>

- Document results & mitigation plans in medical record
- Appropriately alert key ED staff to patient's disposition
- Accelerate or decelerate course of treatment
- Inform parent or guardian of results
- Activate in-hospital social work services
- Provide results to law enforcement, if legally required

## System Integration<sup>4</sup>

- Conduct environmental risk assessments
- Universal suicide risk screening using an evidencebased & validated tool
- Evidence-based process to conduct a suicide risk assessment of all patients screening positive
- Establish policies & procedures for treatment & follow-up
- Monitor implementation & effectiveness of policies & procedures

## Suicide Risk Screening ASQ Quality Improvement Pilot

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INDIAN HEALTH SERVICE HEADQUARTERS
OCPS/DIVISION OF BEHAVIORAL HEALTH

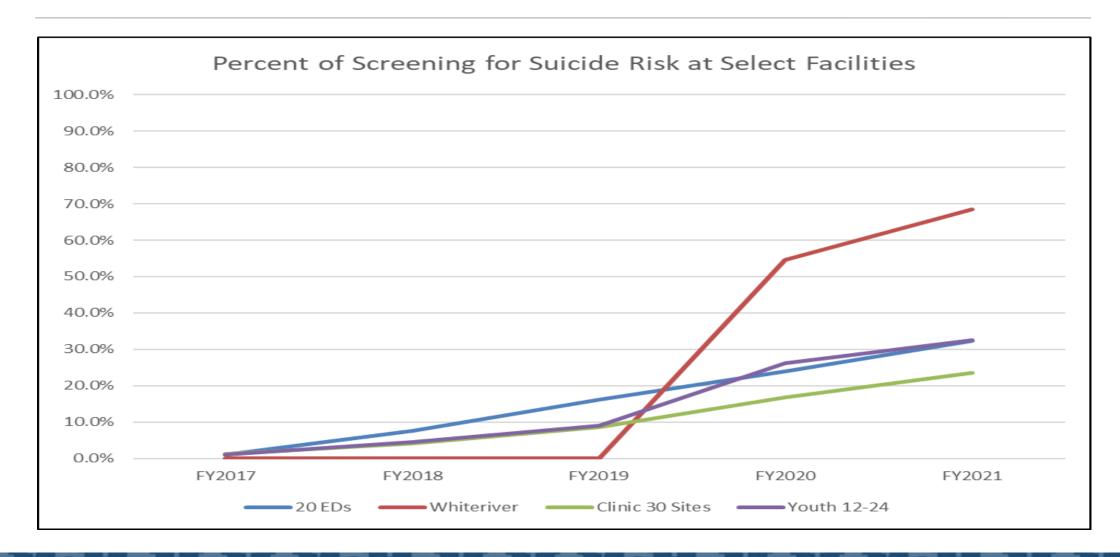


### **Pilot Site**

## **Indian Health Service Federal Facility**

- Direct Service Emergency Department with a Title 1 Behavioral Health Program
- Indian Registrants FY2019: 24,556
- PRC Delivery Area by County for Tribe\*
   Six-county coverage area
   Total population 419,207

## Results



## **Next Steps**

Embed the ASQ within the IHS Emergency Department

Develop national metrics

Initiate new MOU with NIH/NIMH

Deploy in an Outpatient Setting

## **ASQ National Directive**

**Update -** Friday Jan 13, 2023 IHS All Call Dr. Loretta Christensen, IHS Chief Medical Officer, announced that ASQ training was forthcoming & confirmed during a recent CMO meeting.

A national directive is forthcoming identifying the Ask Suicide-Screening Questions (ASQ) as the suicide risk screen supported for implementation across the Indian Health Service system\*

### **Future Pilot Sites**

Facilities Expressing Interest - January 19th 2023

- Elko Service Unit (In Progress)
- Uintah & Ouray Service Unit
- Crow/Northern Cheyenne Hospital

### **Contact Information**

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### References

- 1. <a href="https://www.jointcommission.org/mobile/standards\_information/jcfaqdetails.aspx?StandardsFAQId=1797&StandardsFAQChapterId=29&ProgramId=0&ChapterId=0&IsFeatured=False&IsNew=False&Keyword="https://www.jointcommission.org/mobile/standards\_information/jcfaqdetails.aspx?StandardsFAQId=1797&StandardsFAQChapterId=29&ProgramId=0&ChapterId=0&IsFeatured=False&IsNew=False&Keyword="https://www.jointcommission.org/mobile/standards\_information/jcfaqdetails.aspx?StandardsFAQId=1797&StandardsFAQChapterId=29&ProgramId=0&ChapterId=0&IsFeatured=False&IsNew=False&Keyword="https://www.jointcommission.org/mobile/standards\_information/jcfaqdetails.aspx?StandardsFAQId=1797&StandardsFAQChapterId=0&IsFeatured=False&IsNew=False&Keyword="https://www.jointcommission.org/mobile/standards\_information/jcfaqdetails.aspx?StandardsFAQId=1797&StandardsFAQChapterId=0&IsFeatured=False&IsNew=False&Keyword="https://www.jointcommission.org/mobile/standards\_information/jcfaqdetails.aspx?StandardsFAQId=1797&Standards\_information/jcfaqdetails.aspx?Standards\_information/jcfaqdetails.aspx?Standards\_information/jcfaqdetails.aspx?Standards\_information/jcfaqdetails.aspx?Standards\_information/jcfaqdetails.aspx?Standards\_information/jcfaqdetails.aspx?Standards\_information/jcfaqdetails.aspx?Standards\_information/jcfaqdetails.aspx.information/jcf
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- 3. <a href="https://www.pearsonclinical.com.au/products/view/44">https://www.pearsonclinical.com.au/products/view/44</a>
- 4. <a href="https://www.jointcommission.org/assets/1/18/R3">https://www.jointcommission.org/assets/1/18/R3</a> 18 Suicide prevention HAP BHC 11 27 18 FINAL.pdf

# ASQ Reminder & Dialog Ask Suicide Screening Questions

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### **Collaboration**

- National Institute of Mental Health
   National Institutes of Health (NIH)
- Division of Behavior Health
- National Zero Suicide Initiative
- National Suicide Prevention
- National Council of Informatics Clinical Decision Support

## Suicide Epidemic Informatics Response NCI - Clinical Decision Support (1)

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Health Informaticist/Clinical Pharmacist Yakama Indian Health Center Portland Area Indian Health Service

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Clinical Informaticist
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HIT Modernization
IHS Office of Information Technology

## Suicide Epidemic Informatics Response Standardization of Processes

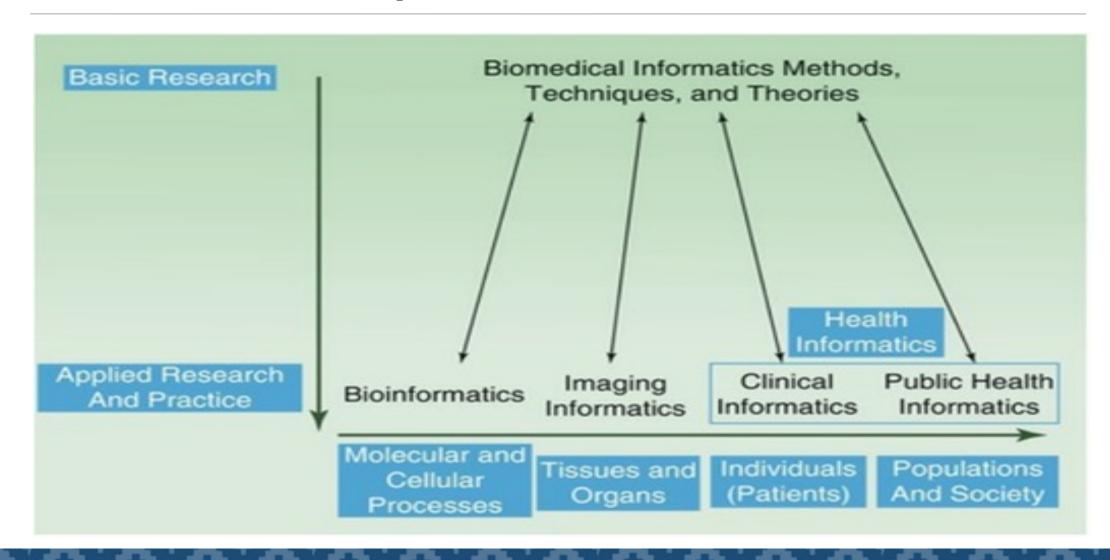
CAPT JOHN LESTER, PHARMD, MAS-HEALTH INFORMATICS SERVICES.

PROGRAM COORDINATOR / HEALTH SYSTEMS ANALYST

AREA CLINICAL INFORMATICS CONSULTANT

PHOENIX AREA INDIAN HEALTH SERVICE

## **Informatics Concepts**



### **EHR Standardization Benefits**

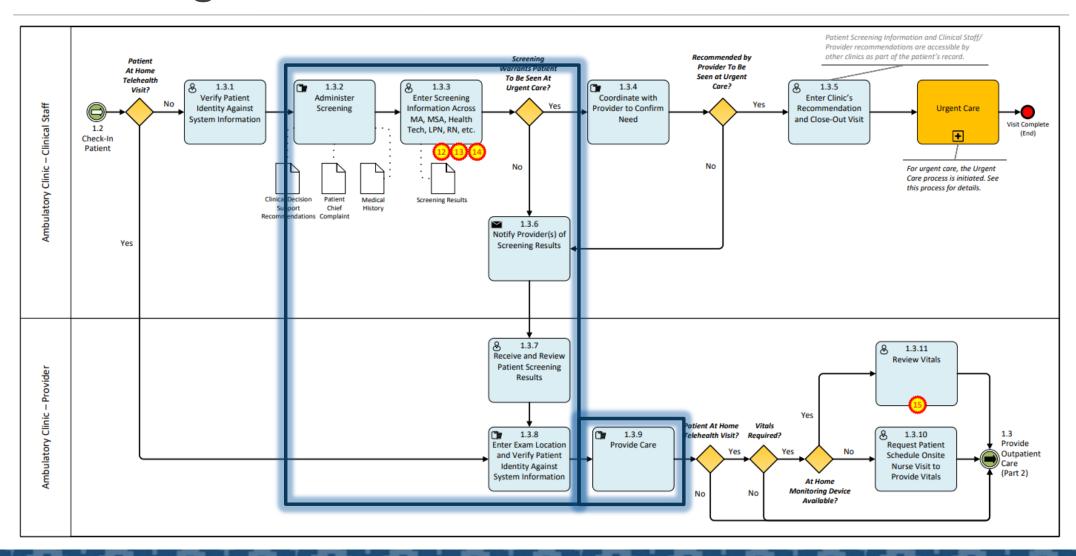
- Reduces resources dedicated to operations & maintenance
- Simplifies training, error identification & remediation
- Realizes Economies of Scale for processes
- Enhances clinical decision support pathways
- Enhances ability to interoperate with different systems & organizations
- Enhances reliability of quality and performance reporting
- Enhances ability to span episodes of care between organizations
- Enhances patient centricity & enhances continuity of care

## National Council of Informatics Clinical Decision Support (NCI-CDS)

# Develop CDS informatics tools to assist Suicide Risk Screening

Reminder & Dialog to address Suicide Screening

## **Collecting Patient Information - WRAP**



## NCI – ASQ Dialog

- Standardizes documentation
- Provides refusal directions
- Orders local Consult
- Documents Suicide Screening Exam
- Documents Suicide related education
- Provides guidance on next steps

## Ask Suicide Screening Questions (ASQ)

Ask the patient:		
<ol> <li>In the past few weeks, have you wished you were dead?</li> </ol>	<b>○</b> Yes	O No
2. In the past few weeks, have you felt that you or your family would be better off if you were dead?	<b>○</b> Yes	O No
3. In the past week, have you been having thoughts about killing yourself?	<b>○</b> Yes	O No
4. Have you ever tried to kill yourself?	<b>○</b> Yes	O No
If yes, how?		
When?		
If the patient answers <b>Yes</b> to any of the above, ask the following acu	ity question:	
5. Are you having thoughts of killing yourself right now?	<b>○</b> Yes	O No

## **ASQ Dialog Displayed**

-	Reminder Dialog Template: ASQ 2022V2		×
Rev:	C approval - Date - control number ision - date - control number k Suicide Questions		_ ^
•	Ask Suicide Screening Questions		
C	Patient refused suicide screening exam		
	******** PLEASE ENTER REFUSAL IN THE PERSONAL HEALTH OBJECT *********	***	
G	Ask Suicide Screening Questions.		
	ASK THE PATIENT:		
	1. In the past few weeks, have you wished you were dead? $\Gamma$ Yes $\Gamma$ No		
	2. In the past few weeks, have you felt that you or your family would be better off if you were dead? $\Gamma$ Yes $\Gamma$ No		
	3. In the past week, have you been having thoughts about killing yourself? $\Gamma$ Yes $\Gamma$ No		
	4. Have you ever tried to kill yourself? $C$ Yes $C$ No		
	C If yes, how?		
	C If yes, when?		
11 -	YES TO ANY QUESTION 1-4		
	Did patient answer yes to any of the above questions?		
	Yes or No to questions 1-4 C -YES		
	5. Are you having thoughts of killing yourself right now?		
	C -NO		
	Patient educated about At risk safety & prevention:		
NE	ext steps: * Indicates a Red	uirad F	ield.
<b>A</b>	IIIUCalea a neu	(4) (5)(4)	103103

## **ASQ Reminder Dialog Metrics**

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## ASQ Reminder Metrics Reminders Metrics – John Lester (1)

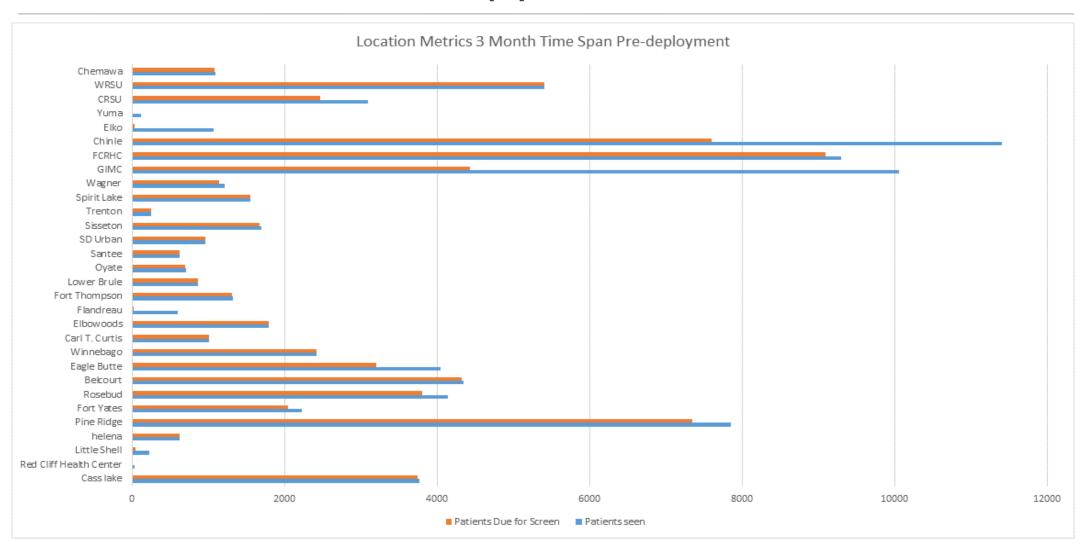
- Three (3) Month Time-Frame Prior to ASQ Reminder Deployment
- EHR ASQ Reminders Office Hours December 14<sup>th</sup>, 2022
- Raw not Validated Data
  - ~ 30 Facilities Reported
- Preliminary Data
- Self-Reported via "ask" after Office Hours
- Polls during Office Hours NOT a Data Call

Note: Improper Reminder Configuration Affects Data Numbers

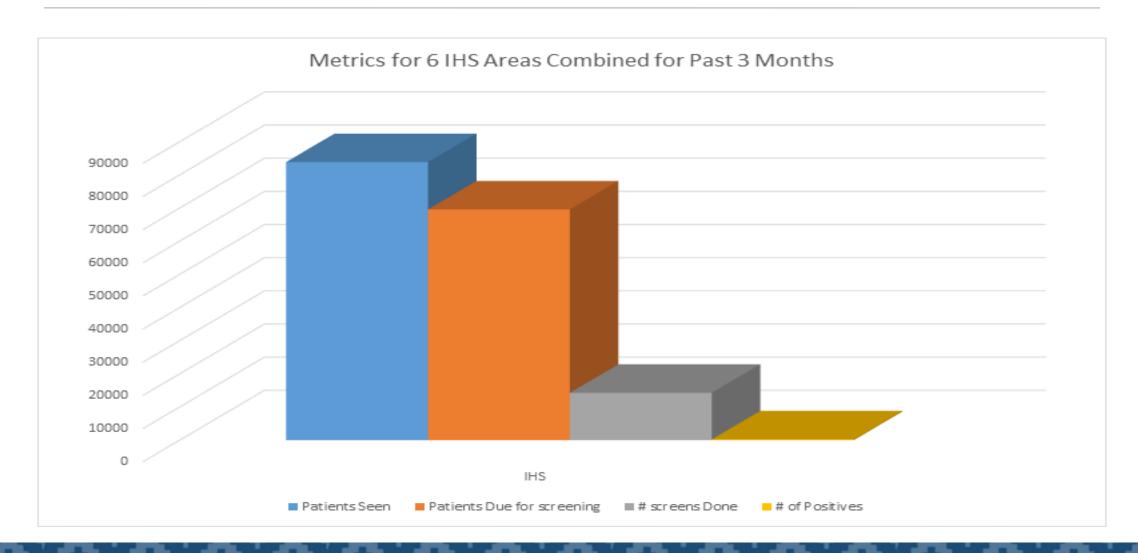
## **ASQ Reminder Metrics (1)**

Area	Location	Patients seen	Patients Due for Screen	Pre-# Positive	Pre-Done
BEM	Cass lake	3766	3744	0	22
BEM	Red Cliff Health Center	40	0	0	40
BILL	Little Shell	233	50	5	183
BILL	helena	627	624	3	3
GPA	Pine Ridge	7849	7342	12	507
GPA	Fort Yates	2226	2046	5	180
GPA	Rosebud	4146	3805	35	341
GPA	Belcourt	4344	4325	0	19
GPA	Eagle Butte	4049	3209	0	840
GPA	Winnebago	2422	2415	0	7
GPA	Carl T. Curtis	1009	1005	0	4
GPA	Elbowoods	1788	1788	0	0
GPA	Flandreau	605	22	0	583
GPA	Fort Thompson	1329	1318	1	11
GPA	Lower Brule	867	865	0	2
GPA	Oyate	709	700	0	9
GPA	Santee	625	625	0	0
GPA	SD Urban	964	964	0	0
GPA	Sisseton	1699	1672	5	27
GPA	Trenton	256	256	0	0
GPA	Spirit Lake	1554	1548	0	6
GPA	Wagner	1219	1149	22	70
NAV	GIMC	10061	4434	43	5627
NAV	FCRHC	9294	9097	7	197
NAV	Chinle	11404	7596	79	3808
PHX	Elko	1071	33	19	1038
PHX	Yuma	124	0	0	124
PHX	CRSU	3091	2467	1	624
PHX	WRSU	5404	5404	0	0
POR	Chemawa	1101	1082	6	19

## **ASQ Reminder Metrics (2)**



## **ASQ Reminder Metrics (3)**



### **Future**

- Deploy Reminder & Dialog to an outpatient clinic
- Modification of Reminder Dialog to provide clarifying information to Clinician to best determine next steps
- Develop Reminder to alert staff of suicide screening requirement
- Determine best metric tools
  - I.e. iCare, Reminder Due Report
- Reminder to alert staff that patient is a positive within last 6 months
- Reminder to alert staff need of conducting a Suicide Assessment

## Southern Bands Health Center Elko, Nevada

- FY 2022 Indian Registrants 11,215
- FY 2019 User Population 2,430
- Staff 43
- Accreditation AAAHC
- Primary Care (1 Physician, 2 NP, 10 Nurses)
- Mental Health/Behavioral Health
- Tele-behavioral Health (4 staff)
- Dental (1 Dentist, 1 EDFA)
- Pharmacy (3 Clinical Pharmacists)

## **Adapting Research Into Practice**

 How adjustments through health informatics can save valuable time, resources, and not feel punitive to the patients.

## **Adapting Research Into Practice**

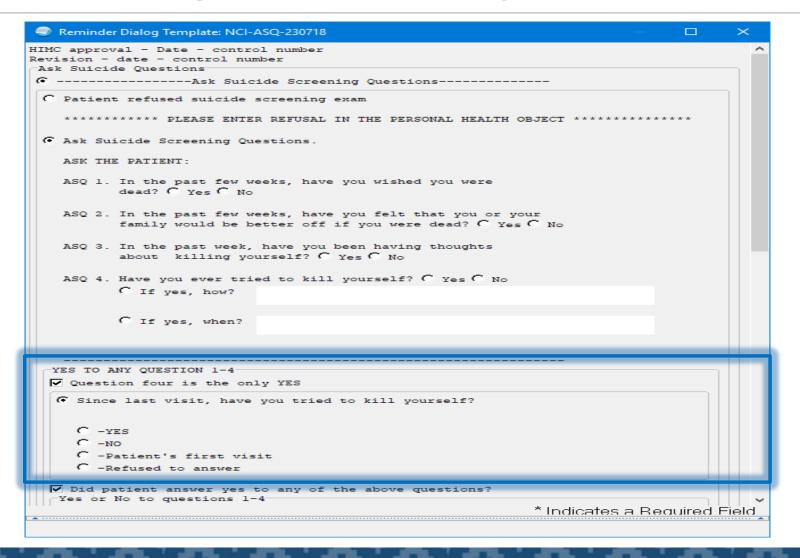
## The ASQ question #4 example

- ASQ was implemented and data was collected.
- 1/3 of positive screens will be a sole "yes" to the question "Have you ever tried to kill yourself?"
- Majority of these people may not need further mental health care.
- Once positive, always positive we needed to account for this (true of any screening tool used that asks about past attempts).
- Add "Since last visit," language.

## Reminder Dialog Update

Question four is the only YES
 Since Last visit, have you tried to kill yourself?

## Reminder Dialog Update Display



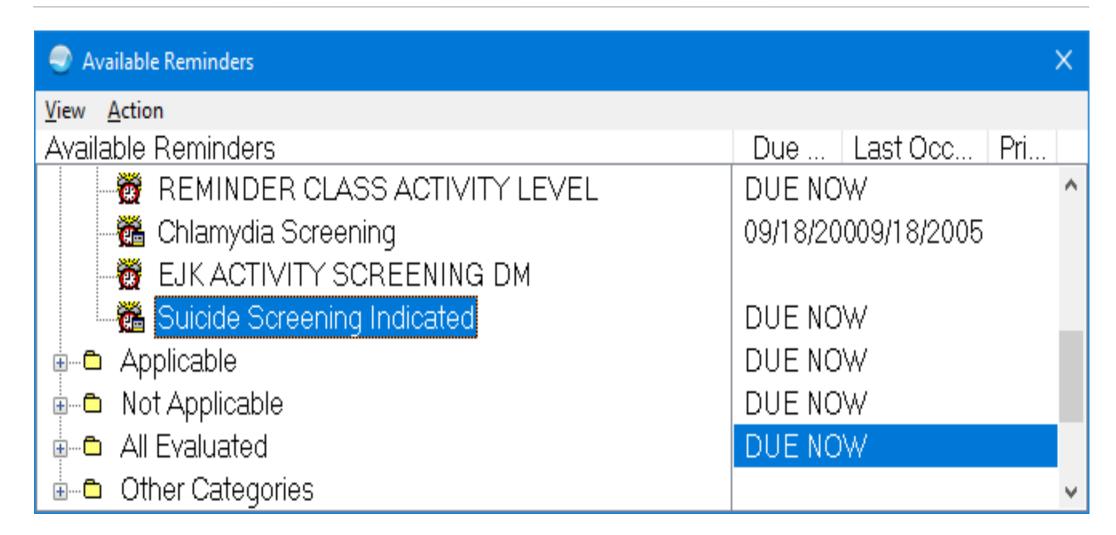
## NCI – Ask Suicide Questions Reminder Alarm Clock - In Progress

**Turns On** Every 6 months for:

All patients Age 10 or older

**Turns Off** if the following is found in the last 6 months: Suicide screening exam

### **Suicide Screening Indicated**



### **Facility Metric Tools**

- iCare Panels
- Reminder Reports

#### **iCare**

Population management tool that can provide panels of patients reflecting what your searching in addition to numbers

- How many Scheduled visits in a defined timeframe
- Out of the scheduled visits how many patients had a suicide screening in a timeframe
- Out of the scheduled visits how many did not have a suicide screening in a time frame
- Out of the screenings done how many were positive

# iCare - Display

	1				110	1	1		1	1
Patient Visits in last calendar month	number of scheduled patients visits in last calendar month in emergency services, nursing, mental health, behavioral health & telemedicine	137	Jul 19, 2023 02:41 PM	LESTER,JOHN	LESTER,JOHN	<b>i</b>	Jul 19, 2023 03:00 PM	At Login	Jul 19, 2023 02:41 PM	Jul 19, 2023 02:41 PM
Patient with suicide screen in last calendar Month		4	Jul 19, 2023 02:43 PM	LESTER,JOHN	LESTER,JOHN	e'	Jul 19, 2023 02:56 PM		Jul 19, 2023 02:43 PM	Jul 19, 2023 02:43 PM
Patients seen in last calendar month with positive suicide screen	List of patients that have positive suicide screening with a visit in the last calendar month	1	Jul 19, 2023 02:44 PM	LESTER,JOHN	LESTER,JOHN	<u> </u>	Jul 19, 2023 03:00 PM		Jul 19, 2023 02:44 PM	Jul 19, 2023 02:44 PM
Patients without suicide screen last calendar month	List of patients thatdid not have recommended suicide screening with a visit in the last calendar month	130	Jul 19, 2023 02:50 PM	LESTER,JOHN	LESTER,JOHN	<b>I</b>			Jul 19, 2023 02:50 PM	Jul 19, 2023 02:50 PM

### **RPMS EHR Reminder Due Report**

Easy to use but only provides specific information and requires a reminder definition

- Number of Patients seen
- Number of Patients applicable
- Number of Patients DUE
- Percentages

### **RPMS EHR Reminder Due Report - Display**

Clinical Reminders Due Report - Summary Report

Facility: ELKO 8290

Reminders due 6/30/2023 - TOTAL REPORT for 6/1/2023 to 6/30/2023

# Patients with Reminders

Applicable Due %Appl %Due %Done

1 Suicide Screening Indicated

57 42 99 74 26

Report run on 58 patients.

57 - 42 = 15 patients had a suicide screening in the last month.

### **Summary**

- 1. Suicide is a major public health problem among Al/AN.
- 2. Universal screening in medical settings can save lives.
- 3. IHS recommends implementing suicide risk screening programs in medical facilities throughout the country.
- 4. Evidence-based tools and clinical pathways can make screening and management of those that screen positive feasible.
- 5. Health informatics can (make screening feasible, use data to improve processes, etc.)

# **Knowledge Questions**



### **Knowledge Questions**

- 1. What race/ethnicity has the highest rates of suicide?
- 2. Name a very brief suicide risk screening tool that was developed specifically for medical facilities
- 3. How do "screening" and "assessment" differ?
- 4. What CDS tools were discussed today?

# Discussion





## **Biographical Sketch (1)**

### CAPT John Lester, PharmD, MAS – Health Informatics Program Coordinator / Health Systems Analyst Phoenix Area Indian Health Service

CAPT John Lester currently serves as a Clinical Informatics Consultant and Health System Analyst for the Phoenix Area. CAPT Lester is a Commissioned Officer in the United States Public Health Service and has been in the Indian Health Service since 2003. John earned his Doctor of Pharmacy (PharmD) from Nova Southeastern University in Florida, holds an NCPS in ambulatory care and Diabetes completed a PGY1 residency in Ambulatory care at Cherokee Indian Hospital and earned his Masters of Advanced Study (MAS) in Health Informatics from Arizona State University 2021. CAPT Lester has served in Omak, Washington; FCC Coleman, FL; Western Oregon Service Unit, OR; Sells Hospital, AZ; Sells Service Unit, AZ and Phoenix Area Office, AZ as a Pharmacist/Informaticist, Chief Pharmacist/Informaticist, Advanced Practice Pharmacist/Co-pharmacy Informatics officer and Clinical Informatics Consultant.

### **Biographical Sketch (2)**

### Pamela End of Horn, DSW, LICSW National Suicide Prevention Consultant Indian Health Service Headquarters

Pamela is responsible for oversight of the Suicide Prevention and Care Program. Her work focuses on policy development, program implementation and evaluation.

Pamela holds a Doctorate Degree in Social Work from the University of Pennsylvania and currently holds advanced practice licenses in North Dakota and Minnesota.

Pamela was born and raised in Pine Ridge, South Dakota and is an enrolled member of the Oglala Lakota Sioux Tribe of the Pine Ridge Indian Reservation.

### **Biographical Sketch (3)**

Lisa M. Horowitz, PhD, MPH
Senior Associate Scientist / Pediatric Psychologist
Director of Patient Safety & Quality, NIMH
Office of the Clinical Director
Intramural Research Program
National Institute of Mental Health, NIH

Dr. Lisa Horowitz, PhD, MPH, is a Pediatric Psychologist and a Senior Associate Scientist at the National Institute of Mental Health at NIH. Dr. Horowitz received her doctorate in clinical psychology from George Washington University, completed a Pediatric Health Service Research Fellowship at Harvard Medical School, and obtained a Masters in Public Health at the Harvard School of Public Health.

### **Biographical Sketch (4)**

Deborah (Debbie) J. Synder, MSW, LCSW-C, ACC NIH/NIMH Office of the Clinical Director Senior Advisor to the Clinical Director Deputy Director Patient Safety and Quality Faculty Psychiatry Consultation Liaison Service

Deborah (Debbie) J. Snyder, MSW, LCSW-C, ACC received her Bachelor of Arts in psychology, cum laude, from Duke University and her Masters Degree in Social Work, Phi Kappa Phi, from the University of Maryland School of Social Work. She received post-graduate externship fellowship training at the Family Therapy Practice Center in Washington, D.C. She has her coaching certification from the International Coaching Federation. She completed the Stanford WellMDPhD Wellbeing Director's Course in the fall 2021.

Ms. Snyder has been on staff at the NIH since 1992. Currently, she holds the positions of Senior Advisor to the Clinical Director, Faculty on the Psychiatry Consultation Liaison Service and the NIH Hospice and Palliative Care Medicine Program & Deputy Director of Patient Safety and Quality at the NIMH. In addition, she serves as Deputy Chair of the GMEC subcommittee on resident wellbeing.

A major focus of her career has been as clinician and educator at the interface of medical and mental health. In addition, she is an organizational leader on the topics of enhancing staff and trainee wellbeing and reducing burnout.

In addition, Ms. Snyder conducts research in suicide risk screening in medical settings including hospitals, inpatient and outpatient settings. She helped develop the ASQ™, a suicide screening tool for medically ill patients, as well as the ASQ Toolkit to help guide institutions in the implementation of suicide risk screening.

Most recent awards include: the NIMH 2022 Director's Award for exceptionally supporting wide range of mental health services for NIH community by anticipating need for support, implementing new approaches of outstanding care and guidance and the NIH 2021 Director's Award for contribution and leadership to the NIH during the Covid-19 pandemic including standing up an entirely new resource to support NIH staff through an intramural staff telephone warmline during COVID-19.

### **Biographical Sketch (5)**

Skye Bass, LCSW
Program Coordinator
Clinical Social Worker
IHS TeleBehavioral Health Center of Excellence
Division of Behavioral Health
Indian Health Service

Skye Bass, a member of the Grand Traverse Band of Ottawa and Chippewa Indians, is a program coordinator and social worker for the IHS TeleBehavioral Health Center of Excellence, Division of Behavioral Health at IHS headquarters. She has worked for IHS for over 10 years, in direct clinical practice and behavioral health administrative roles. Ms. Bass coordinates virtual behavioral health training for health care providers on autism and represents IHS on the Interagency Autism Coordinating Committee.

## **Biographical Sketch (6)**

CDR Scott T. Peake, MSN, APRN, PMHNP-BC
Phoenix Area Mental Health Consultant
Phoenix Area IRB Co-Chair
Office of Health Programs
Phoenix Area Indian Health Service

CDR Scott T. Peake holds a credential as a Psychiatric Mental Health Nurse Practitioner-Across the Lifespan, a Master's degree in Nursing from Eastern Kentucky University, and undergraduate degrees in Nursing and English from Arizona State University and California State University Fullerton, respectively.

He joined the USPHS Commissioned Corps in 2009 and has served in several different capacities over his 14 year career including as a staff nurse with Immigration Health Service Corps in Florence AZ, a data abstractor/nurse consultant in the informatics office at Whiteriver Service Unit and in several clinical psychiatric provider roles including rural, correctional, and tele-behavioral health. He currently serves as the Phoenix Area Mental Health/FASD Consultant for the Indian Health Service, Office of Health Programs, Integrated behavioral Health.

