Lean Six Sigma

Problem: Between 2011 and 2014, of patients attending the SMV Outpatient programs, there were recorded suicide attempts or deaths by suicide.

Goal Statement

Zero suicide attempts or deaths by suicide.

Team

Larkin Hoyt, Psy D.; Lindsay Kramer, MFT; Christiana Paul, MFT

Nancy Burlak, Serene Carruthers, Veronica Campbell, Jacqueline Ruvo, Jen Wojciechowski, Jen McWaters, Christina Huang, Suzanne Johnson, Suzanne Whittemore, Caroline Atterton, Nasim Bavar, Dara Schwartz, Lisa McJunkin, Charles Westfall, Ryan McDade, Matt Hayden





Measure / Analyze

- Retrospective analysis of 16 identified outpatient events;
 50 data points examined.
 - Qualitative & Quantitative did not result in a clear root cause(s)
- Findings Included:
 - High variability in workflow and documentation
 - No effective risk prioritization of outpatient population
 - Current Assessment was task, not value added

Need for Standard Work & Evidence-Based Practice



Need to Ask Like We Monitor for Blood

Pressure

- Nearly <u>50%</u> of people who die by suicide see their <u>primary care</u> doctor the <u>month</u> before they die (Luoma et al., 2002)
 - 70% of older adults
 - 90% adolescents in the year prior
- Many adolescent attempters in the ER <u>do not</u> present for psychiatric reasons (King et al., 2009)
- 25% of all people who die by suicide are seen in ER in past 12 months for non-psychiatric reasons (Gairin et al., 2003)



A GREAT OPPORTUNITY FOR PRVENTION!

If we ask we can find them!!



Six S

Columbia-Suicide Severity Rating Scale

Posner, K.; Brent, D.; Lucas, C.; Gould, M.; Stanley, B.; Brown, G.; Zelazny, J.; Fisher, P.; Burke, A.; Oquendo, M.; Mann, J.

- Developed by leading experts in response to the need for a measure to:
 - Assess <u>both</u> behavior and ideation together
 - Look at density/severity
 - Track change
- Evidence-based, structured interview and supported
- Feasible, low-burden: Short administration time

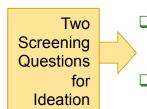
Includes only the most essential, evidence-based items needed





C-SSRS is Simply...

1-5 Rating of increasing severity for suicidal ideation



- Have you wished you were dead or wished you could go to sleep and not wake up?
- Have you actually had any thoughts of killing yourself?
- If answer is "No" to both, no more questions on ideation
- All relevant behaviors assessed
- All items include <u>definitions</u> for each term and <u>standardized</u>
 <u>questions for each category</u> are included to guide the interviewer for facilitating improved identification.

Find all versions of C-SSRS at

http://cssrs.columbia.edu/





C-SSRS in Psychiatric Outpatient Setting

- Cultural Change Regarding Suicide Assessment
 - Needs to be value added
 - Middle out, not top down
 - Asking can Save A Life; Ask every time, like BP
- Common Definitions
- Develop clinical pathways and expectations
 - Using our resources where they are needed most
- Link C-SSRS Rating to EBP Treatment Interventions

Key was staff involvement





C-SSRS in Psychiatric Outpatient Setting

- Support for Clinicians
 - Discern between suicidal behavior, ideation, and non-suicidal self injurious behaviors
 - Standardizes & Structures the clinical interview
 - Reduces liability

"Standards of practice do not require perfect outcomes. They do, however, require that we act reasonably."



FOLLOWING COMPLETION OF C-SSRS CLINICAL JUDGEMENT & RATING

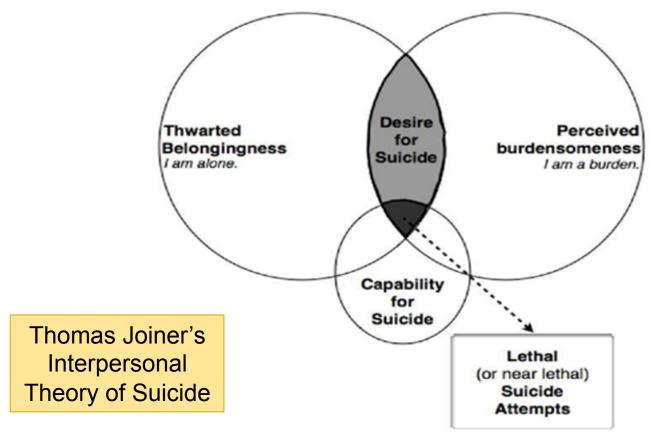
REFER FOR INPATIENT ADMISSION	CONTINUE TREATMENT IN OUTPATIENT SETTING								
➤ Day of Admission <u>or</u> Reassessment/Change of Risk									
5	4	3	2	1					
Active SI w/ Plan & Intent Pt not left alone RN reports plan & intent to another licensed clinician to validate severity If validated: Begin Inpatient Admission including assessing for current access to lethal means	Active SI w/ some Intent but no plan RN reports specific thoughts and why pt's been assessed to go home to the program designated clinician If validated, Safety Session is initiated Notify MD and Primary Therapist	Active SI without Intent or Plan RN reports pt's specific thoughts about SI to program designated clinician If validated, Safety Plan is introduced, instructions given for symptom exacerbation Components of Safety Session completed by 2 nd program day	Non-Specific, Active SI without Intent/Plan RN hands off non- specific SI assessment to program designated clinician Within 1st week: Primary Therapist to develop Safety Plan and follow Treatment Recommendations Obtain ROI	Wish to Die or IOP LOC - Within 1st week: Primary Therapist will complete CSRS Risk Assessment, develop Safety Plan and follow Treatment Recommendations - Obtain ROI					
➤ Community Assessment (Walk In, Phone Screen, Intake Evaluation) ✓ Use C-SSRS Screener and document in BH Pre-Admission									
Refer for Inpatient Admission	Refer to Program Lead or designee Prioritize patient admission Complete Safety Plan	Refer to Program Lead or designee Prioritize patient admission Complete Safety Plan	Schedule Program admission as usual	Schedule Program admission as usual					
Reassessment									
- Inpatient referral	Reassess at least every treatment day	- Reassess at least weekly	Reassess at least monthly	- Reassess at least monthly					
Safety Session Components									

- C-SSRS Risk Assessment
- · Safety Plan developed to include means restriction
- Assess access to lethal means
- ROI, confirm emergency contact/patient address
- Safety Plan communicated to Care Partner and referring provider, if applicable
- Treatment plan initiated to include TX Recommendations and goal for regular reassessment via CSSRS Screener
- Can be documented as individual session





Linking C-SSRS Rating to Evidence Based Practice Treatment Interventions





SMV Outpatient Zero Suicide Initiative Oct '14 to Dec'16 C-SSRS in our EMR



CSSRS Adult - Berkley, L	iz						
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*Performed on: 02/17/2016	1537 CST				By:	Remley , Liz	
 Suicidal Ideation 	Suicidal Ideation	on				-	
Intensity of Ideation							
Suicidal Behavior	Ask questions 1 and 2. If both are negative, proceed to Suicidal Behavior section. If the answer to 2 is "yes", ask questions 3, 4 and 5. If the answer to question 1 and/or 2 is "yes", complete Intensity of Ideation section.						
Actual, Potential Lethality	1. Have you wished you	C Lifetime, yes	O Past month, yes	If yes, describe:			
Clinical Risk Assessment	were dead or wished you	C Lifetime, no	Past month, no				
	could go to sleep and not wake up? (ref)						
	2. Have you actually	C Lifetime, ves	O Past month, yes	If yes, describe:			
	had any thoughts of	C Lifetime, no	O Past month, no	If yes, describe.			
	killing yourself? (ref)						
				J _ L			
	If answers to question 1 and 2 are "no", proceed to Intensity of Ideation section and mark "Not applicable".						
	3. Have you been	C Lifetime, yes	C Past month, yes	If yes, describe:			
	thinking about how you might do this? (ref)	C Lifetime, no	C Past month, no				
	4. Have you had these	C Lifetime, yes	O Past month, yes	If yes, describe:			
	thoughts and had	C Lifetime, no	Past month, no				
	some intention of acting on them? (ref)	1					
	5. Have you started to	C Lifetime, yes	O Past month, yes	If yes, describe:			
	work out or worked out	C Lifetime, no	O Past month, no	If yes, describe.			
	the details of how to kill	1					
	yourself? Do you intend to carry out this plan? (ref)	I					
	carry sac and plant (rety	•					

Allows for information to flow from one encounter to another





Using C-SSRS in Other Settings

- The key to triage...operationalized criteria for next steps
 - Allows for setting parameters for triggering next steps whatever they may be (e.g. referral to mental health, one-to-one, etc.)
 - 4 or 5 recent ideation indicates need for immediate action
 - Decreases unnecessary referrals, interventions
 - Provides the best available information to inform your clinical judgment

In the past, people didn't know what to manage, so they would hear <u>any</u> wish to die and intervene...





The Clinician's Perspective

- What worked well
- Lessons Learned

Next Steps

- Continuing Education opportunities
- Sharing Success in the Community
- Explore opportunities to expand Sharp-wide...Great opportunity to use in EDs
- Continued efforts and projects towards:

Zero suicide attempts or deaths by suicide What we do makes a difference!

