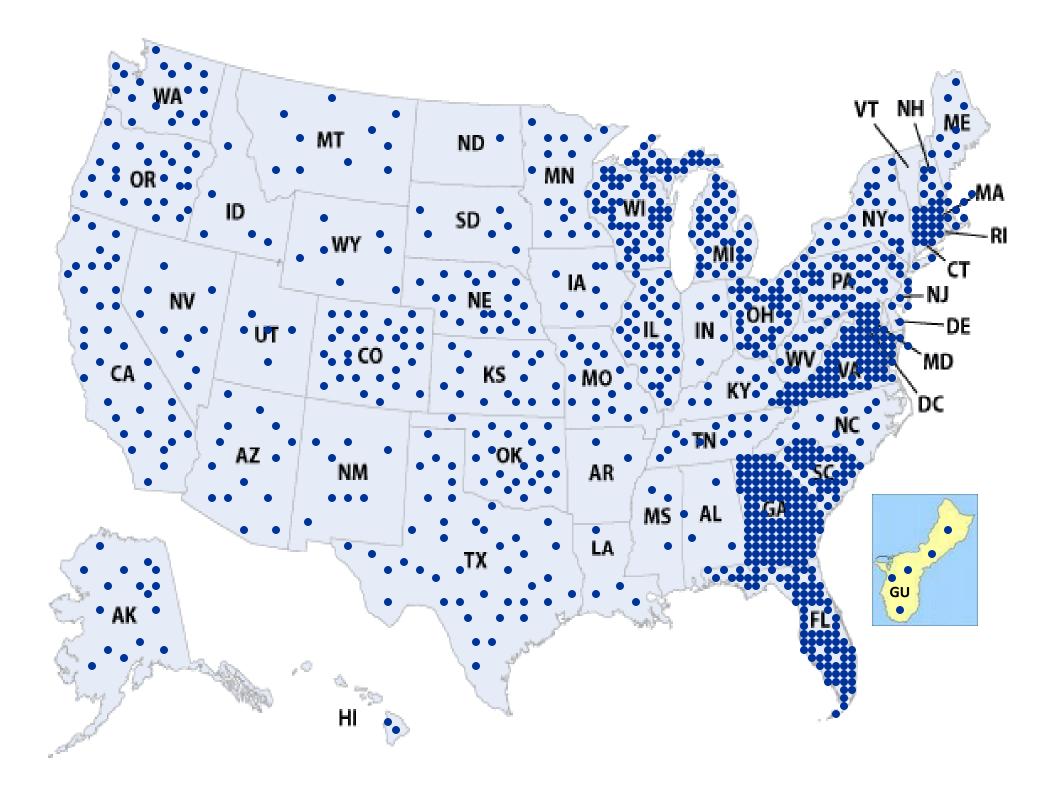


# Welcome to SPRC's Research to Practice Webinar on

Linking Together a Chain of Care: How Clinicians Can Prevent Suicide







# Linking Together a Chain of Care: How Clinicians Can Prevent Suicide

David A. Litts, O.D. Director Science and Policy

**Suicide Prevention Resource Center** 

March 30, 2010





#### Overview

- Epidemiology
- Detecting suicide risk
- Clinical interventions and tools
- Training Implications





## **Epidemiology**

#### **Incidence**

- ~ 1 Million suicides/year worldwide\*
- >33,000 suicides/year in the U.S.\*\*
- Suicide attempts, U.S.(adults)\*\*\*
  - 1.1 M attempts
  - 678,000 attempts requiring medical care
  - 500,000 attempts resulting in an overnight hospital stay
- Suicide ideation, U.S. (adults)\*\*\*
  - ◆ 8.3 M (3.7%) seriously considered suicide during past year

Source: \* World Health Organization. *Suicide Prevention.* Retrieved from http://www.who.int/mental\_health/prevention/en.

\*\* National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. (2009). Web-based Injury Statistics Query and Reporting System (WISQARS). Available from: www.cdc.gov/injury/wisqars/index.html.

\*\*\*Substance Abuse and Mental Health Services Administration, Office of Applied Studies. (2009).

The NSDUH Report: Suicidal Thoughts and Behaviors among Adults. Rockville, MD.







## Demographics

#### **Suicides:**

- Male:female = 4:1
- Elderly white males -- highest rate
- Working aged males 60% of all suicides
- American Indian/Alaskan Natives, youth and middle age

#### **Attempts:**

- Female>>male
- Rates peak in adolescence and decline with age
- Young Latinas and LGBT





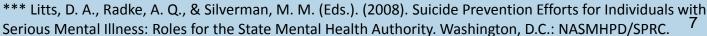


## **Epidemiology among Patients**

#### Prevalence of suicidal behaviors

- Suicidal ideation at time of visit
  - Primary care: 2- 4 percent (Olfson (1996, 2003))
  - Emergency departments: 8-12 percent\*
- Suicide attempts
  - Pts with major depression: 10% attempted during a past major depressive episode\*\*
- Suicide
  - Pts with serious mental illness: lifetime suicide risk 4-8%
     (1% lifetime suicide risk for general population)\*\*\*

<sup>\*\*</sup> Substance Abuse and Mental Health Services Administration, Office of Applied Studies. (2009). *The NSDUH Report: Suicidal Thoughts and Behaviors among Adults*. Rockville, MD.



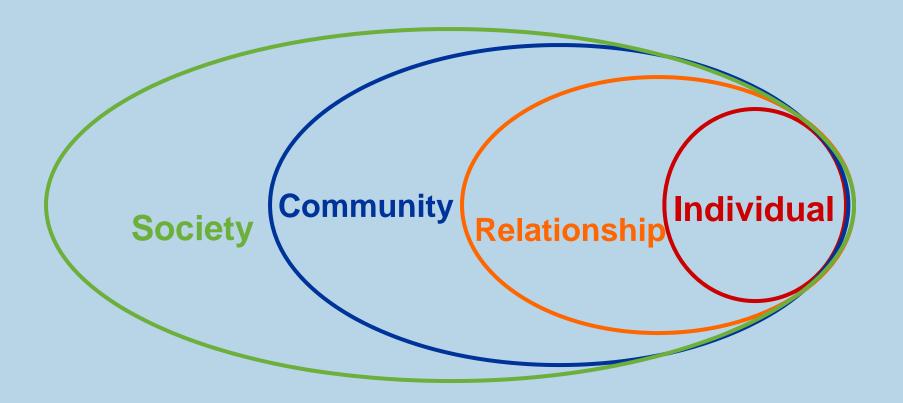




<sup>\*</sup> Claassen, C.A. & Larkin, G.L. (2005). Occult suicidality in an emergency department population. *The British Journal of Psychiatry*, 186, 352-353.



# **Understanding Risk Factors**







# **Clinically Salient Suicide Risk Factors**

- Previous suicide attempt
  - Majority die on first attempt
- Suicidal ideation, plan, intent
- Major mood or anxiety disorder
- Substance abuse disorder
- Other mental illnesses
- Co morbidity (psych/SA)
- Physical illness, chronic pain
- CNS disorders/traumatic brain injury
- Insomnia

**Suicidality** 

Generally:
Risk 个'd with
1) severity of
symptoms,
2) # of
conditions
3) recent onset





# Additional Salient Risk Factors for MHPs

#### Impulsivity

Source: U.S. Public Health Service. (2001). *National strategy for suicide prevention: Goals and objectives for action.* Rockville, MD: U.S. Department of Health and Human Services.

- Failed belongingness
- Perceived burdensomeness
- Loss of fear of death and pain

Source: Joiner, T. (2005). Why people die by suicide. Cambridge, MA: Harvard University Press.





#### **Protective Factors**

- Family and community connections/support
- Clinical care (availability and accessibility)
- Resilience
- Coping skills
- Frustration tolerance and emotion regulation
- Cultural and religious beliefs; spirituality

#### Source:

U.S. Public Health Service. (2001). *National strategy for suicide prevention: Goals and objectives for action.* Rockville, MD: U.S. Department of Health and Human Services.







#### Warning Signs (For the Public)

#### Tier 1: Call 911 or seek immediate help

- **Someone threatening to hurt or kill themselves**
- Someone looking for ways to kill themselves: seeking access to pills, weapons, or other means
- Someone talking or writing about death, dying, or suicide





## Warning Signs (For the Public)

# Tier 2: Seek help by contacting a mental health professional or calling 1-800-273-TALK

- Hopelessness
- Rage, anger, seeking revenge
- Acting reckless or engaging in risky activities, seemingly without thinking
- Feeling trapped—like there's no way out

- Increasing alcohol or drug use
- Withdrawing from friends, family or society
- Anxiety, agitation, unable to sleep, or sleeping all the time
- Dramatic mood changes
- No reason for living; no sense of purpose in life





#### **Triggering Events**

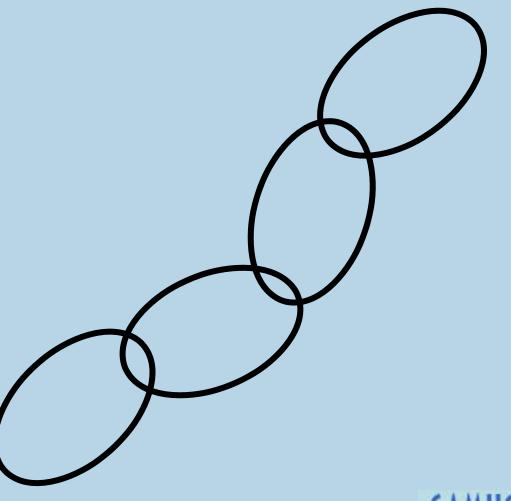
- **Acute events leading to:** 
  - Humiliation,
  - Shame, or
  - Despair
- Includes real or anticipated loss of:
  - Relationship
  - Status: financial or health





#### **Clinical Chain in Suicide Prevention**

- Detecting potential risk
- Assessing risk
- Managing suicidality
  - Safety planning
  - Crisis support planning
  - Patient tracking
- MH Treatment
- ❖ F/U Contact







# Poll





## PRIMARY CARE

A Suicide Prevention Toolkit for (Rural) Primary Care http://www.sprc.org/pctoolkit/index.asp





## Why Primary Care?

- Suicide decedents twice as likely to have seen a PC provider than a MH provider prior to suicide\*
- Reach working-aged men
- Many key risk factors for suicide are easily observed in primary care settings
- Fits chronic disease mgmt model in pt centered medical home
- Patient education



<sup>\*</sup> Luoma, J.B., Martin, C.E., & Pearson, J.L. (2002). Contact with mental health and primary care providers before suicide: A review of the evidence. *American Journal of Psychiatry*, 159(6), 909-916.



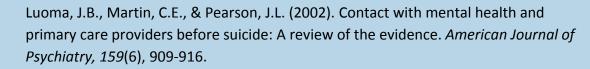
# **Contact with Primary Care and Mental Health Prior to Suicide**

All Ages	Month Prior	Year Prior
Mental Health	19%	32%
Primary Care	45%	77%

Contact w/ PC by Age	Month Prior
Age <36	23%
Age >54	58%

Contact w/ MH by Gender	Month Prior	Year Prior
Men	18%	35%
Women	36%	58%

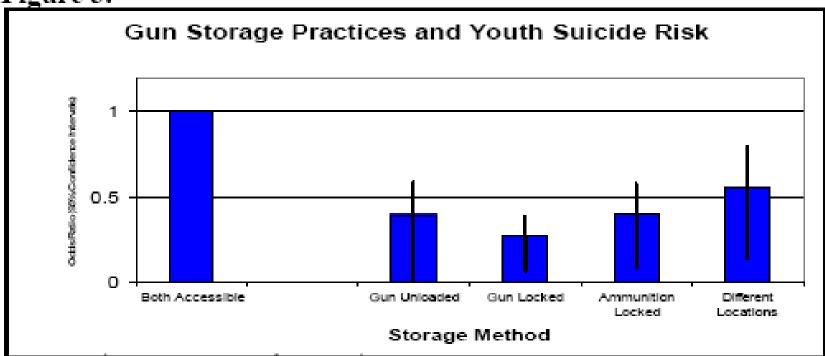






# Safe Firearm/Ammunition Storage





Source: (Grossman et al., 2005)





# Toolkit: Primary Care Suicide Prevention Model

#### **Prevention Practices**

- 1. Staff vigilance for warning signs & key risk factors
- 2. Universal depression screening for adults and adolescents
- 3. Patient education:Safe firearm storageSuicide warning signs & 1-800-273-TALK (8255)

# Intervention Warning signs, major depression, anxiety, substance use disorder, insomnia, chronic pain, PTSD, TBI Screen for presence of suicidal thoughts Suicide Risk Assessment Risk Management: referral, treatment initiation, safety planning, crisis support planning, documentation, tracking and follow up







## **Toolkit: Overall Layout**

#### Six sections

- **Getting started**
- Educating clinicians and office staff
- **Developing mental health partnerships**
- **Patient management tools**
- Patient education tools
- Resources

#### The Toolkit is available in 2 forms

- Hard copy, spiral bound ordered through WICHE
- Electronic copy (<u>www.sprc.org</u>)

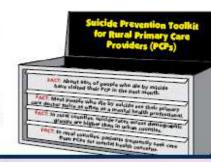




## 1. Getting Started

#### QUICK START GUIDE

How to use the Suicide Prevention Toolkit



1

Communicate with staff about the new Suicide Prevention Initiative in your office. Determine who will be the lead coordinator in your office. That individual should familiarize himself/herself with the entire contents of the Toolkit.

2

Meet to develop the "Office Protocol" for potentially suicidal patients. See the "Office Protocol Development Guide" instruction sheet in the Toolkit.

3

Schedule necessary trainings for staff members according to the individual suicide prevention responsibilities determined in Step 2.



Develop a referral network to facilitate the collaborative care of suicidal







## Office Protocol Development Guide

**Protocol for Suicidal Patients - Office Template** 

To be used with instruction sheet to create an office protocol that may be referred to when a potentially suicidal patient presents

	Post in a visible or accessible place for key office staff.				
If	a patient presents with suicidal ideation or suicidal ideation is suspected				
✓	should be called/paged to assist with evaluation of risk (e.g., physician, mental health professional, telemedicine consult etc.).				
✓	Identify and call emergency support person in the community (e.g., family member, pastor, mental health provider, other support person).				
	If a patient requires hospitalization				
✓	Our nearest Emergency Department or psychiatric emergency center is Phone #				
✓	will callto arrange transport.  (Name of individual or job title) (Means of transport [ambulance, police, etc] and phone #)  Backup transportation plan: Call				
<b>√</b>	will wait with patient for transport.  Documentation and Follow-Up  will call ED to provide patient information.				
<b>√</b>	will document incident in				
	(Name of individual or job title) (e.g. medical chart, suicide tracking chart, etc.)				
✓	Necessary forms are located				
✓	${\text{(Name of individual or job title)}} \text{will follow-up with ED to determine disposition of patient.}$				
✓	will follow up with patient within				







# **SPRC** 2. Educating Clinicians and Office Staff

- Primer with 5 brief learning modules
  - Module 1- Prevalence & Comorbidity
  - Module 2- Epidemiology
  - Module 3- Effective Prevention Strategies
  - Module 4- Suicide Risk Assessment
    - Warning Signs, Risk Factors, Suicide Inquiry, Protective Factors
  - Module 5- Intervention
    - Referral, PCP Intervention, Documentation & Follow-up





# 3. Developing Mental Health Partners

- **Letter of introduction to potential referral resources--template** 
  - Increasing vigilance for patients at risk for suicide
  - Referring more patients
  - SAFE-T card for Mental Health Providers
  - Invitation to meet to discuss collaborative management of patients
  - NSSP recommends training for health care professionals
  - **Nationally disseminated trainings for MHPs**





#### 3. MH Partners

#### **SAFE-T**

# Suicide Assessment Five-step Evaluation and Triage

for Mental Health Professionals

IDENTIFY RISK FACTORS

Note those that can be modified to reduce risk

2
IDENTIFY PROTECTIVE FACTORS
Note those that can be enhanced

CONDUCT SUICIDE INQUIRY Suicidal thoughts, plans behavior and intent

4
DETERMINE RISK LEVEL/INTERVENTION
Determine risk. Choose appropriate
intervention to address and reduce risk

DOCUMENT
Assessment of risk, rationale, intervention and follow-up

national suicide prevention LifeLine 1.800.273.TALK (8255)

Suicide assessments should be conducted at first contact, with any subsequent suicidal behavior, increased ideation, or pertinent clinical change; for inpatients, prior to increasing privileges and at discharge.

#### 1. RISK FACTORS

- Suicidal behavior: history of prior suicide attempts, aborted suicide attempts or self-injurious behavior
- Current/past psychiatric disorders: especially mood disorders, psychotic disorders, alcohol/substance abuse, ADHD, TBI, PTSD, Cluster B personality disorders, conduct disorders (antisocial behavior, aggression, impulsivity).
   Co-morbidity and recent onset of illness increase risk
- Key symptoms: anhedonia, impulsivity, hopelessness, anxiety/panic, insomnia, command hallucinations
- Family history: of suicide, attempts or Axis 1 psychiatric disorders requiring hospitalization
- Precipitants/Stressors/Interpersonal: triggering events leading to humiliation, shame or despair (i.e., loss of relationship, financial or health status—real or anticipated). Ongoing medical illness (esp. CNS disorders, pain). Intoxication. Family turmoil/chaos. History of physical or sexual abuse. Social isolation.
- v Change in treatment: discharge from psychiatric hospital, provider or treatment change
- Access to firearms

#### 2. PROTECTIVE FACTORS Protective factors, even if present, may not counteract significant acute risk

- Internal; ability to cope with stress, religious beliefs, frustration tolerance
- External: responsibility to children or beloved pets, positive therapeutic relationships, social supports

#### 3. SUICIDE INQUIRY Specific questioning about thoughts, plans, behaviors, intent

- ✓ Ideation: frequency, intensity, duration--in last 48 hours, past month and worst ever
- Plan: timing, location, lethality, availability, preparatory acts
- ▼ Behaviors: past attempts, aborted attempts, rehearsals (tying noose, loading gun), vs. non-suicidal self injurious actions
- Intent: extent to which the patient (1) expects to carry out the plan and (2) believes the plan/act to be lethal vs. self-injurious;
   Explore ambivalence: reasons to die vs. reasons to live
- \* For Youths: ask parent/guardian about evidence of suicidal thoughts, plans, or behaviors, and changes in mood, behaviors or disposition
- \* Homicide inquiry: when indicated, esp. in character disordered or paranoid males dealing with loss or humiliation. Inquire in four areas listed above.

#### 4. RISK LEVEL/INTERVENTION

- Assessment of risk level is based on clinical judgment, after completing steps 1-3
- Reassess as patient or environmental circumstances change

RISK LEVEL	RISK / PROTECTIVE FACTOR	SUICIDALITY	POSSIBLE INTERVENTIONS
High	Psychiatric disorders with severe symptoms, or acute precipitating event; protective factors not relevant	Potentially lethal suicide attempt or persistent ideation with strong intent or suicide rehearsal	Admission generally indicated unless a significant change reduces risk. Suicide precautions
Moderate	Multiple risk factors, few protective factors	Suicidal ideation with plan, but no intent or behavior	Admission may be necessary depending on risk factors. Develop crisis plan. Give emergency/crisis numbers
Low	Modifiable risk factors, strong protective factors	Thoughts of death, no plan, intent or behavior	Outpatient referral, symptom reduction. Give emergency/crisis numbers

(This chart is intended to represent a range of risk levels and interventions, not actual determinations.)

5. DOCUMENT Risk level and rationale; treatment plan to address/reduce current risk (i.e., medication, setting, E.C.T., contact with significant others, consultation); firearm instructions, if relevant; follow up plan. For youths, treatment plan should include roles for parent/guardian.









## 3. MH Partners - Telemental Health

- Web-based guide for developing a telemental health capacity (created by the U CO Denver as part of SAMHSA's Eliminating Health Disparities Initiative) www.tmhguide.org
- Resources for
  - Clinicians/Administrators
  - **Consumers**
  - Policymakers
  - Community Members
  - Media





#### 3. MH Partners

- SAMHSA mental health and substance abuse treatment locator guides (www.samhsa.gov)
- Veterans resource locator (http://www.suicidepreventionlifeline.org/Veterans/ResourceL ocator.aspx





# 4. PC Patient Management— Pocket Card

#### Assessment and Interventions with Potentially Suicidal Patients

A Pocket Guide for Primary Care Professionals









#### Suicide Risk and Protective Factors<sup>1</sup>

#### RISK FACTORS

- Current/past psychiatric disorders: especially mood disorders, psychotic disorders, alcohol/substance abuse, TBI, PTSD, personality disorders (such as Borderline PD, Antisocial PD, and Obsessive-Compulsive PD).
  - Co-morbidity with other psychiatric and/or substance abuse disorders and recent onset of illness increase risk.
- Key symptoms: anhedonia, impulsivity, hopelessness, anxiety/panic, insomnia, command hallucinations, intoxication. For children and adolescents: also oppositionality and conduct problems.
- Suicidal behavior: history of prior suicide attempts, aborted suicide attempts or self-injurious behavior.
- Family history: of suicide, attempts, or psychiatric diagnoses, especially those requiring hospitalization.
- Precipitants/stressors: triggering events leading to humiliation, shame or despair (i.e., loss of relationship, financial, or health status – real or anticipated).
- Chronic medical illness (esp. CNS disorders, pain).
- History of or current abuse or neglect.

#### PROTECTIVE FACTORS

Protective factors, even if present, may not counteract significant acute risk.

- Internal: ability to cope with stress, religious beliefs, frustration tolerance.
- External: responsibility to children or beloved pets, positive therapeutic relationships, social supports.



# 4. PC Patient Management— Pocket Card

# Assessment and Interventions with Potentially Suicidal Patients

A Pocket Guide for Primary Care Professionals





#### Screening: uncovering suicidality

- Other people with similar problems sometimes lose hope; have you?
- With this much stress, have you thought of hurting yourself?
- Have you ever thought about killing yourself?
- Have you ever tried to kill yourself or attempted suicide?

#### Assess suicide ideation and plans<sup>3</sup>

- Assess suicidal ideation frequency, duration, and intensity
  - · When did you begin having suicidal thoughts?
  - Did any event (stressor) precipitate the suicidal thoughts?
  - How often do you have thoughts of suicide?
     How long do they last?
  - . How strong are the thoughts of suicide?
  - What is the worst they have ever been?
  - What do you do when you have suicidal thoughts?
  - What did you do when they were the strongest ever?
- Assess suicide plans
  - Do you have a plan or have you been planning to end your life? If so, how would you do it?
     Where would you do it?
  - Do you have the (drugs, gun, rope) that you would use? Where is it right now?
  - Do you have a timeline in mind for ending your life? Is there something (an event) that would trigger the plan?

#### Assess suicide intent

- What would it accomplish if you were to end your life?
- Do you feel as if you're a burden to others?
- How confident are you that your plan would actually end your life?
- What have you done to begin to carry out the plan? For instance, have you rehearsed what you would do (e.g., held pills or gun, tied the rope)?
- Have you made other preparations (e.g., updated life insurance, made arrangements for pets)?
- What makes you feel better (e.g., contact with family, use of substances)?
- What makes you feel worse (e.g., being alone, thinking about a situation)?
- How likely do you think you are to carry out your plan?
- What stops you from killing yourself?

#### Endnotes:

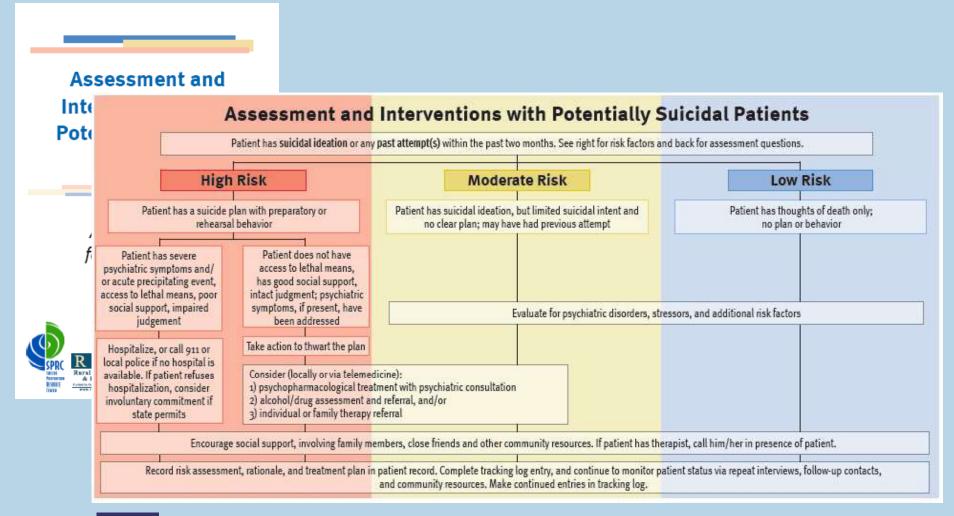
- <sup>1</sup> SAFE-T pocket card, Suicide Prevention Resource Center & Mental Health Screening, (n/d).
- Stovall, J., & Domino, F.J. Approaching the suicidal patient. American Family Physician, 68 (2003), 1814-1818.
- <sup>3</sup> Gliatto, M.F., & Rai, K.A. Evaluation and treatment of patients with suicidal ideation. *American Family Physician*, 59 (1999), 1500-1506.







# 4. PC Patient Management— Pocket Card









# **EMERGENCY DEPARTMENT**







#### **ED Treatment of Mental Disorders**

- **❖ 100 million ED visits in 2002.**
- **20%** increase in number of visits over prior decade.
- **15%** decrease in number of EDs over prior decade.
- **4** 6.3% of presentations were for mental health.
- **❖** 7% of these were for suicide attempts = 441,000 visits.





#### **ED Treatment of Mental Disorders**

- Suicidal ideation (SI) common in ED patients who present for medical disorders.
- ❖ Study of 1,590 ED patients showed 11.6% with SI, 2% (n=31) with definite plans.
- **4** of those 31 attempted suicide within 45 days of ED presentation.

Source: Claassen CA, Larkin GL. Occult suicidality in an emergency department population. British J Psychiatry. V186, 352-353, 2005.

1 in 10 suicides are by people seen in an ED within 2 months of dying

Source: Weis, M. A., Bradberry, C., Carter, L. P., Ferguson, J., & Kozareva, D. (2006). An exploration of human services system contacts prior to suicide in South Carolina: An expansion of the South Carolina Violent Death Reporting System. *Injury Prevention*, 12(Suppl. 2), ii17-ii21.

C. Bradberry, personal communication with D. Litts regarding South Carolina NVDRS-linked data. December 19, 2007.





#### **ED Treatment of Mental Disorders**

#### Kemball et al (2008)

- 165 ED patients with suicidal ideation self-identified on a computer screening
- Physician and nurse were informed
- Six month f/u
  - **◆ 10% were transferred to psychiatric services**
  - Only 25% had any notation in the chart re suicide risk
  - 4 were seen again in the ED with suicide attempts—none were there for mental health problems on the index visit







Look for signs of acute suicide risk

## **Is Your Patient Suicidal?**

1 in 10 suicides are by people seen in an ED within 2 months of dying. Many were never assessed for suicide risk. Look for evidence of risk in all patients.

#### **Signs of Acute Suicide Risk**

- Talking about suicide
- ❖ Seeking lethal means
- Purposeless
- ❖ Anxiety or agitation
- ❖ Insomnia
- ❖ Substance abuse

- Hopelessness
- ❖ Social withdrawal
- ❖ Anger
- Recklessness
- Mood changes

### Other factors:

- \* Past suicide attempt increases risk for a subsequent attempt or suicide; multiple prior attempts dramatically increase risk.
- \* Triggering events leading to humiliation, shame, or despair elevate risk. These may include loss of relationship, financial or health status—real or anticipated.
- Firearms accessible to a person in acute risk magnifies that risk. Inquire and act to reduce access.

Patients may not spontaneously report suicidal ideation, but 70% communicate their intentions to significant others. Ask patients directly and seek collateral information from family members, friends, EMS personnel, police, and others.

### Ask if You See Signs or Suspect Acute Risk— Regardless of Chief Complaint

- 1. Have you ever thought about death or dying?
- **2.** Have you ever thought that life was not worth living?
- **3.** Have you ever thought about ending your life?
- 4. Have you ever attempted suicide?
- **5.** Are you currently thinking about ending your life?
- **6.** What are your reasons for wanting to die and your reasons for wanting to live?

These questions represent an effective approach to discussing suicidal ideation and attempt history; they are not a formalized screening protocol.

How you ask the questions affects the likelihood of getting a truthful response. Use a non-judgmental, non-condescending, matter-of-fact approach.

#### National Suicide Prevention Lifeline: 1-800-273-TALK (8255) 💵 🖼 This 24-hour, toll-free hotline is available to those in suicidal crisis. The Lifeline is not a resource for practitioners in providing care.

10% of all ED patients are thinking of suicide, but most don't tell you. Ask questions—save a life.

This publication is available from the Suicide Prevention Resource Center, which is supported by the Substance Abuse and Mental Health Services Administration (SAMISA), U.S. Department of Health and Human Services (grant No. 1179SMS7392). Any opinions, findings and conclusions or recommendations expressed in this material are those or the contraction of the contraction of















## Screen:

- Universally or selectively
- Paper/pencil, computer, or by clinician

#### Evaluation and rapid triage

#### High risk patients include those who have:

### · Made a serious or nearly lethal suicide attempt

- · Persistent suicide ideation or intermittent ideation with intent and/or planning
- Other signs of acute risk
- Recent onset of major psychiatric syndromes, especially depression
- . Been recently discharged from a psychiatric inpatient unit History of acts/threats of aggression or impulsivity

#### Moderate risk patients include those who have:

- Suicide ideation with some level of suicide intent, but who have taken no action on the plan
- No other scute risk factors
- A confirmed, current and active therapeutic alliance with a mental health professional

#### Low risk patients include those who have:

- . Some mild or passive suicide ideation, with no intent or plan No history of suicide attempt

### Before discharging

#### Check that:

- · Firearms and lethal medications have been secured or made inaccessible to patien
- A supportive person is available and instructed in follow-up observation and communication regarding signs of escalating problems or acute risk
- A follow-up appointment with a mental health professional has been recommended and, if possible, scheduled
- . The patient has the name and number of a local agency that can be called in a crisis, knows that the National Suicide Prevention Lifeline 1-800-273-TALK (8255) is available at any time, and understands the would warrant a return to the ED

## When patients elope

- Follow policies and procedures specific to retrieving all suicidal patients who have eloped
   Document the timeliness and reasonableness of actions taken
- · The following actions may need to be modified to match each situation:
- 1. For Involuntary Patients or Patients with High Suicidal Intent: Follow your state's mental health statute dealing with involuntary returns
- Immediately ask security and law enforcement personnel to return patien
- Have a policy for authorizing physical restraint matching the risks posed
   In addition, take steps outlined below (for voluntary patients)
- 2. For Most Voluntary Patients with Low Spicidal Intent:

## For additional resources

Suicide Prevention Resource Center at

Attempt to contact the patient or significant others and request return · If an emergency exists, it may be necessary to breach patient confidentia

Recommended interventions

restraints as clinically indicated

complete (see below)

Interventions to consider:

Interventions to consider:

elonement

Document:

Observations

Level of risk

Montal status

Inpatient admission

· Rapid evaluation by a qualified mental health professional

Locked door preventing elonement from assessment area

Administer psychotropic medications and/or apply physical

Other measures to guard against elopement until evaluation is

One-to-one constant staff observation and/or security

Guard against elopement until evaluation is complete

· Psychiatric/psychological evaluation soon/when sober

Use family/friend to monitor in ED if a locked door prevents

· Allow accompanying family/friend to monitor while waiting

May wait in ED for non-urgent psychiatric/psychological

· Rationale for all judgments and decisions to hospitalize or

· Informed consent and patient's compliance with

· Attempts to contact significant others and current and

Interventions based on level of risk

recommended interventi

This publication is available from the Suicide Prevention rce Center, which is supported by the Substance Abuse ental Health Services Administration (SAMESA), U.S. Department of Health and Human Services (grant No. 11795M57392) . Any opinions, fludings and conclusion







## Suicide Risk: A Guide for ED Evaluation and Triage

Companion resource to the Is Your Patient Suicidal? poster.

1 in 10 suicides are by people seen in an ED within 2 months of dving. Many were never assessed for suicide risk. Look for evidence of risk in all patients.

#### Signs of acute suicide risk

- Talking about suicide or thoughts of suicide
- Seeking lethal means to kill oneself
- Purposeless—no reason for living
- Anxiety or agitation
- ♦ Incompia
- Substance abuse—excessive or increased
- Social withdrawal—from friends/family/society

How you ask the

questions affects the

likelihood of getting a

truthful response. Use

a non-judgmental, non-

condescending, matter-

of-fact approach.

- Anger—uncontrolled rage/seeking revenge/partner
- \* Recklessness—risky acts/unthinking
- Mood changes—often dramatic

#### Other factors:

- \* Past suicide attempt increases risk for a subsequent attempt or suicide; multiple prior attempts dramatically
- Triggering events leading to humiliation, shame, or despair elevate risk. These may include loss of relationship, financial or health status-real or anticipated.
- . Firearms accessible to a person in acute risk magnifies that risk. Inquire and act to reduce access.

Patients may not spontaneously report suicidal ideation, but 70% communicate their intentions to significant others. Ask patients directly and seek collateral Information from family members, friends, EMS personnel, police, and others.

### Ask if you see signs or suspect acute risk regardless of chief complaint

- 1. Have you ever thought about death or dying?
- 2. Have you ever thought that life was not worth living?
- 3. Have you ever thought about ending your life?
- 4. Have you ever attempted suicide?
- 5. Are you currently thinking about ending your life?
- 6. What are your reasons for wanting to die and your reasons for wanting to live?

These questions ease the patient into talking about a very difficult subject.

- · Patients who respond "no" to the first question may be "faking good" to avoid talking about death or suicide. Always continue with subsequent questions.
- · When suicidal ideation is present clinicians should ask about:
- o frequency, intensity, and duration of thoughts;
- o the existence of a plan and whether preparatory steps have been taken; and
- o intent (e.g., "How much do you really want to die?" and "How likely are you to carry out your thoughts/plans?") These questions represent an effective approach to discussing suicidal ideation and attempt history; they are not a

formalized screening protocol.

10% of all ED patients are thinking of suicide, but most don't tell you. Ask questions—save a life.





## **Evaluation and rapid triage**

## **High risk patients** include those who have:

- · Made a serious or nearly lethal suicide attempt
- Persistent suicide ideation or intermittent ideation with intent and/or planning
- Psychosis, including command hallucinations
- Other signs of acute risk
- Recent onset of major psychiatric syndromes, especially depression
- Been recently discharged from a psychiatric inpatient unit
- History of acts/threats of aggression or impulsivity

## Moderate risk patients include those who have:

- Suicide ideation with some level of suicide intent, but who have taken no action on the plan
- · No other acute risk factors
- A confirmed, current and active therapeutic alliance with a mental health professional

## Low risk patients include those who have:

- Some mild or passive suicide ideation, with no intent or plan
- No history of suicide attempt
- Available social support

## **Recommended interventions:**

- · Rapid evaluation by a qualified mental health professional
- One-to-one constant staff observation and/or security
- · Locked door preventing elopement from assessment area
- Inpatient admission
- Administer psychotropic medications and/or apply physical restraints as clinically indicated
- Other measures to guard against elopement until evaluation is complete (see below)

## Interventions to consider:

- Guard against elopement until evaluation is complete (see below)
- Psychiatric/psychological evaluation soon/when sober
- Use family/friend to monitor in ED if a locked door prevents elopement

## Interventions to consider:

- Allow accompanying family/friend to monitor while waiting
- May wait in ED for non-urgent psychiatric/psychological evaluation





# Poll





# Skill Building: Risk Detection Using Normalizing Technique

- ❖ Scenario A: 74 y/o male being treated with marginal success for severe chronic back pain associated with degenerative changes in the lumbar spine. He was recently widowed. His affect is consistent with someone who has lost hope.
- Scenario B: 24 y/o veteran of two Iraq War deployments with traumatic brain injury. After two years of rehabilitation, he is coming to terms with the magnitude of his long-term disability.
- Scenario C: 38 y/o female with debilitating panic attacks that interfere with work performance and her ability to meet her responsibilities to her family. She mentioned drinking more and more to try to "get through".





# MENTAL HEALTH







## **Mental Health Services**

- ~19% of suicides had contact with MH within the past month;
  ~32% within the past year (Luoma, 2002)
- ❖ 41% of suicide decedents who had received inpatient psychiatric care died within one year of their discharge; 9% within one day. (Pirkis, 1998)
- Of patients admitted for attempt (Owens et al., 2002)
  - 16% repeat attempts within one year
  - 7% die by suicide within 10 years
  - Risk of suicide "hundreds of times higher" than general population





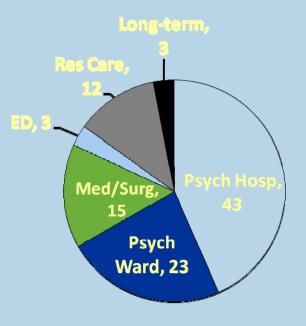
## **Inpatient Suicide**

- Second most common sentinel event reported to The Joint Commission (First is wrong-side surgery)
- Since 1996\*: 416(14%)
- Method:
  - 71% Hanging
  - 14% Jumping

## **Factors in Suicide**

- **\* 87% Deficiencies in physical environment**
- 83% Inadequate assessment
- 60% Insufficient staff orientation or training

## **Clinical Setting**





<sup>\*</sup> Sentinel event reporting began in 1996. Source: Joint Commission on Accreditation of Healthcare Organizations. (2005). *Reducing the Risk of Suicide*. Oak Brook, IL: JCAHO.



# Trends in Suicidal Behavior 1990-1992 vs 2001-2003 National Comorbidity Survey and Replication\*

	1990-1992	2001-2003
Suicide	14.8/100k	13.9/100k
Ideation	2.8%	3.3%
Plan	.7%	1.0%
Gesture	.3%	.2%
Attempt	.4%	.6%

- 9708 respondents, face-to-face survey, aged 18-54
- Queried about past 12 months
- No significant changes

<sup>\*</sup> Kessler, R.C., Berglund, P., Borges, G., Nock, M., & Wang, P.S. (2005). Trends in suicide ideation, plans, gestures, and attempts in the United States, 1990-1992 to 2001-2003. *JAMA*, 293(20), 2487-2495.







# Trends in Suicidal Behavior 1990-1992 vs 2001-2003 National Comorbidity Survey and Replication

	1990-1992	2001-2002	P
Ideators with plans	19.6%	28.6%	p=.04
Planners with gestures	21.4%	6.4%	p=.003
Tx among ideators with gestures	40.3%	92.8%	
Tx among ideators with attempts	49.6%	79.0%	







## **Insufficient Treatment**

"A recognition is needed that effective prevention of suicide attempts might require substantially more intensive treatment than is currently provided to the majority of people in outpatient treatment for mental disorders." 1







# **CLINICAL INTERVENTIONS**







# **Patient Management Tools**

- Safety Plan/Crisis Response Plan
  - Collaboratively developed with patient
  - Template that is filled out and posted
  - Includes lists of warning signs, coping strategies, distracting people/places, support network with phone numbers







# **Safety Planning**

# Safety Planning Guide

A Quick Guide for Clinicians
may be used in conjunction with the "Safety Plan Template"

## Safety Plan FAQs?

#### WHAT IS A SAFETY PLAN?

A Safety Plan is a prioritized written list of coping strategies and sources of support patients can use who have been deemed to be at high risk for suicide. Patients can use these strategies before or during a suicidal crisis. The plan is brief, is in the patient's own words, and is easy to read.

### WHO SHOULD HAVE A SAFETY PLAN?

Any patient who has a suicidal crisis should have a comprehensive suicide risk assessment. Clinicians should then collaborate with the patient on developing a safety plan.

### HOW SHOULD A SAFETY PLAN BE DONE?

Safety Planning is a clinical process. Listening to, empathizing with, and engaging the patient in the process can promote the development of the Safety Plan and the likelihood of its use.

### IMPLEMENTING THE SAFETY PLAN

There are 6 Steps involved in the development of a Safety Plan.





		BAMPLE SAFETY PLAN	
	ep 1: Warning signs (thoughts	s, Images, mood, cituation, behavior) that a cris	is
1.	retoping.		
2			
3.			
81	ep 2: Internal coping strategic	les - Things I can do to take my mind off my prob	lem
without o	ontacting another person (re	elaxation technique, physical activity):	
1.			
2.			
3.			
81	ep 3: People and social settin	ngs that provide distraction:	
1.	Name	Phone	_
2.		Phone	_
3.	Place	4. Place	_
81	ep 4: People whom I can ask	for help:	
1.	Name	Phone	_
2.	Name	Phone	_
3.	Name	Phone	_
81	ap 6:Professionals or agencie	es I can contact during a crisis:	
1.	Clinician Name	Phone	_
	Clinician Pager or Emerge	ency Contact #	_
2.	Clinician Name	Phone	_
	Clinician Pager or Emerge	ency Contact #	_
3.	Local Urgent Care Service	es	_
	Urgent Care Services Ad	idress	_
	Urgent Care Services Ph	one	_
4.	Suicide Prevention Lifelin	e Phone: 1-800-273-TALK (8255)	
81	ep 8: Making the environment	safe:	
1.			_
2.			_
	Safety Plan Treament, Manual 1	to Reduce Suicide Risk: Veteran Version (Stanley & Brown, 2009).	







## **Patient Management Tools**

## Crisis Support Plan

- Provider collaborates with Pt and support person
- Contract to help- includes reminders for ensuring a safe environment & contacting professionals when needed

Education Development Center, Inc. (2008). *Assessing and Managing Suicide Risk, Participant Manual*. Newton, MA: EDC, Inc.

## Patient tracking

Monitor key aspects of suicide risk at each visit

Jobes, D.A. (2006). Managing suicidal risk: A collaborative approach. New York, NY: Guilford Press.





# **Crisis Support Plan**

DATE

## CRISIS SUPPORT PLAN

FOR:	DATE:
I understand that suicida	l risk is to be taken very seriously. I want to help
find new ways of managin	ng stress in times of crisis. I realize there are no guarantees about
	nat we are all making reasonable efforts to maintain safety for inpatient hospitalization may be necessary.
Things I can do:	
Provide encourage	ement and support
۰	
0	
<ul> <li>Help</li> </ul>	follow his/her Crisis Action Plan
<ul> <li>Ensure a safe envi</li> <li>Remove all</li> </ul>	ronment: firearms & ammunition

prescriptions & over-the-counter drugs (including vitamins & aspirin)

knives, razors, & other sharp objects

alcohol, illegal drugs & related paraphernalia

him/her at all times during a crisis and afterwards as needed.

3. Make sure someone is available to provide personal support and monitor

4. Pay attention to his/her stated method of suicide/self-injury and restrict





2. Remove or lock up:



## **ED Patient Engagement**

## Brief Interventions



Home About Find Interventions Review Process Submissions Resources 7 Help Contact

Home > Find Interventions > Find Results > Intervention Summary

## **Emergency Room Intervention for Adolescent Females**

Date of Review: October 2007

Emergency Room Intervention for Adolescent Females is a program for teenage girls 12 to 18 years old who are admitted to the emergency room after attempting suicide. The intervention, which involves the girl and one or more family members who accompany her to the emergency room, aims to increase attendance in outpatient treatment following discharge from the emergency room and to reduce future suicide attempts. A review of the literature suggests that factors related to treatment noncompliance following a suicide attempt include family discord, maternal psychopathology, attempter depression, and negative experiences with emergency room staff. The intervention consists of three components designed to improve the emergency room experience for the adolescent and family, thereby changing the family's conceptualization of the suicidal behavior and expectations about therapy. First, a 2-hour training is conducted separately with each of the six groups of staff working with adolescents who have attempted suicide. Second, the adolescents and their families watch a 20-minute videotape, filmed in Spanish and dubbed in English, that portrays the emergency room experience of two adolescents who have attempted suicide. Last, a bilingual crisis therapist delivers a brief family treatment in the emergency room.

> Descriptive Info **Study Populations** Studies/Materials Outcomes Ratings Contacts

## **Descriptive Information**

Topics	Mental health treatment	
Areas of Interest	Suicide prevention	
Outcomes	Outcome 1: Treatment adherence Outcome 2: Adolescent symptoms of depression Outcome 3: Adolescent suicidal ideation Outcome 4: Maternal symptoms of depression Outcome 5: Maternal attitudes toward treatment	







## Brief Interventions

- **Motivational** interviewing
- **Acute Cognitive** Therapy\*
- Safety planning; support planning
- Means restriction ed.

\* Catanese, A.A., John, M.S., di Battista, J., & Clarke, D.M. (2009). Acute cognitive therapy in reducing suicide risk following a presentation to an emergency department. Behaviour Change, 26(1), 16-26.



Registry of Evidence-Based Suicide Prevention Programs

## **O**AFSP

## **Emergency Department** Means Restriction Education

#### Program Description

The goal of this intervention is to educate parents of youth at high risk for suicide about limiting access to lethal means for suicide. Education takes place in emergency departments and is conducted by department staff (an unevaluated model has been developed for use in schools). Emergency department staffs are trained to provide the education to parents of child who are assessed to be at risk for suicide. Lethal means covered include firearms, medications (over-the-counter and prescribed). and alcohol. To help with the safe disposal of firearms, collaboration with local law enforcement or other appropriate organizations is advised.

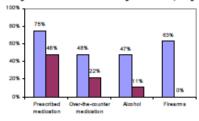
The content of parent instruction includes:

- 1. Informing parent(s), apart from the child, that the child was at increased suicide risk and why the staff believed so;
- 2. Informing parents that they can reduce risk by limiting access to lethal means, especially firearms; and,
- 3. Educating parents and problem solving with them about how to

#### **Evaluation Design and Outcomes**

Evaluation of the program consisted of a prospective follow-up design of 103 adults whose children were seen in an emergency department for mental health assessment or treatment. Children were included in the evaluation if they received a mental health assessment, regardless of whether suicide behavior and ideation were present.





☐ Trained parents ☐ Untrained parents

to the treatment or treatment

was by convenience. A follow-up telephone Interview of parents Indicated that exposure to the means restriction education program resulted in a statistically significant increase in the self-reported restriction of means in their homes (see Figure 1).

### SPRC Classification Effective

Program Characteristics Intervention Type

Treatment Target Age 6-19

Gender Female & Male

Ethnicity Multiple

IOM Category Universal Selective Indicated

This program is supported by a grant (1 U79 SM55029-01) from the Substance Abuse and Mental Health Services Administration (SAMBSA), U.S. Department of Health and Human Services (DHBS). No official endorsement by SAMBSA or DHBS for the information in this document is intended

Final Version 03/17/2005







# **Before discharging**

## Check that:

- Firearms and lethal medications have been secured or made inaccessible to patient
- A supportive person is available and instructed in follow-up observation and communication regarding signs of escalating problems or acute risk
- A follow-up appointment with a mental health professional has been recommended and, if possible, scheduled
- The patient has the name and number of a local agency that can be called in a crisis, knows that the National Suicide Prevention Lifeline 1-800-273-TALK (8255) is available at any time, and understands the conditions that would warrant a return to the ED





# **Effective MH Therapies**

- Lithium (bipolar disorder)
- Clozapine (schizophrenia)
- Dialectic Behavioral Therapy (Linehan)
  - In hospitalization and attempts for chronic suicidal behavior
- Brief intervention, cognitive-behavioral therapy (Brown)
  - 50% decrease in repeat attempts
  - Update<l
  - ↓ hopelessness
- Brief intervention, psychodynamic interpersonal therapy (Guthrie)
- \*\* Quality of the therapeutic relationship a key factor







# **Caring Follow-up Contact**

- **4** 605 Adults d/c from ED after attempt by o/d or poisoning (Vaiva et al., 2007)
  - Contact by phone one month after  $d/c \downarrow 'd$  attempt by 45% during next year
- Patients who by 30 days after hospital d/c for suicide risk had dropped out of tx (Motto, 2001)
  - Randomized to receive f/u non-demanding post-cards
  - ◆ ↓ suicides for two years
- **394** randomized after a suicide attempt (Carter et al., 2005)
  - Those who rec'd 8 postcards during year ↓'d repeat attempt by 45%



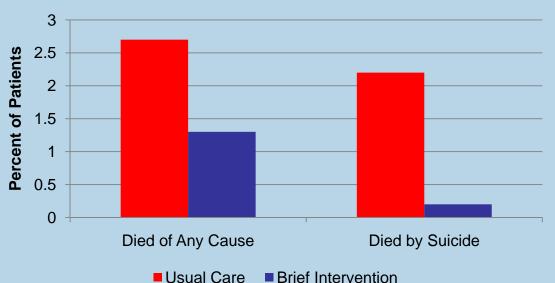


# Caring F/U Contact—ED

## Brief intervention and f/u contact

- Randomized controlled trial; 1867 Suicide attempt survivors from five countries (all outside US)
- Brief (1 hour) intervention as close to attempt as possible
- 9 F/u contacts (phone calls or visits) over 18 months

## Results at 18 Month F/U



Fleischmann, A., Bertolote, J.M., Wasserman, D., DeLeo, D., Bolhari, J., Botega, N.J., DeSilva, D., Phillips, M., Vijayakumar, L., Schlebusch, L., & Thanh, H. (2008). Effectiveness of brief intervention and contact for suicide attempters: A randomized controlled trial in five countries. Bulletin of the World Health Organization, 86(9), 703-709.







## **Crisis Lines**

- Seriously suicidal callers reach out to crisis lines
- Effective outcomes— immediately following call and continuing weeks after
  - Decreased distress
  - Decreased hopelessness
  - Decreased psychological pain
  - Majority complete some or all of plans developed during calls
- Suicidal callers (11%) spontaneously reported the call prevented them from killing or hurting themselves
- Heightened outreach needed for suicidal callers
  - With a history of suicide attempt
  - With persistent intent to die at the end of the call

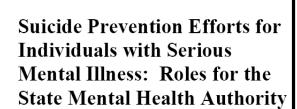


Kalafat, J., Gould, M.S., Munfakh, J.L., & Kleinman, M. (2007). An evaluation of crisis hotline outcomes. Part 1: Non-suicidal crisis callers. *Suicide & Life-Threatening Behavior, 37*(3), 322-37. Gould, M.S., Kalafat, J., Harrismunkfakh, J.L., & Kleinman, M. (2007). An evaluation of crisis hotline





Fourteenth in a Series of Technical Reports



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## **Crisis Lines—New Roles**

- Crisis hotlines can provide <u>continuity of care</u> for at risk persons outside of traditional BH system services
- Provide access to f/u in rural areas
- Monitor/track at risk persons after hospital discharge





## **Patient Education**

# Firearm Locking Devices









Which one is right for you?



# Suicide Warning Signs

Seek help as soon as possible by contacting a mental health professional or by calling the National Suicide Prevention Lifeline at 1-800-273-TALK if you or someone you know exhibits any of the following signs:

- Threatening to hurt or kill oneself or talking about wanting to hurt or kill oneself
- Looking for ways to kill oneself by seeking access to firearms, available pills, or other means
- Talking or writing about death, dying, or suicide when these actions are out of the ordinary for the person
- Feeling hopeless
- Feeling rage or uncontrolled anger or seeking revenge

- Acting reckless or engaging in risky activities—seemingly without thinking
- Feeling trapped—like there's no way out
- Increasing alcohol or drug use
- Withdrawing from friends, family, and society
- Feeling anxious, agitated, or unable to sleep or sleeping all the time
- Experiencing dramatic mood changes
- Seeing no reason for living or having no sense of purpose in life

### Sources:

http://depts.washington.edu/lokitup/ http://www.suicidepreventionlifeline.org/Materials/Default.aspx







# Poll

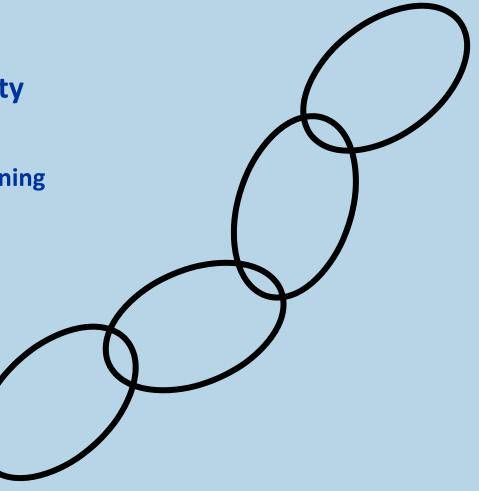






# **Clinical Chain in Suicide Prevention**

- Detecting potential risk
- Assessing risk
- Managing suicidality
  - Safety planning
  - Crisis support planning
  - Patient tracking
- Treatment
- F/U Contact







# TRAINING IMPLICATIONS







# **Competency Chasm**

Large portions of mental health providers have had no formal training in the assessment and management of suicidal patients





# **Competency Chasm**

## **Chief Psychiatry Resident Survey**

- Surveyed chief residents from all 181 U.S. residency programs (59% response rate)
- **❖** 19 of 25 topics were judged to require more attention by more than half of the respondents.





# Clinical Training for Mental Health Professionals



# Assessing & Managing Suicide Risk

Core Competencies for Mental Health Professionals



la colubration with



- One day workshop
- Developed by 9-person expert task force
- **24 Core competencies**
- Skill demonstration through video of David Jobes, Ph.D.
- 175 Page Participant Manual with exhaustive bibliography
- **♦ 6.5 Hrs CE Credits**
- ~100 Authorized faculty across the U.S.







# Nationally Disseminated Curricula for MHPs

- Assessing and Managing Suicide Risk: Core Competencies for Mental Health Professionals.
  - A one-day workshop focusing on competencies
  - http://www.sprc.org/traininginstitute/amsr/clincomp.asp
- QPRT: Suicide Risk Assessment and Management Training.
  - A 10 hour course available either on-line or face-to-face
  - http://www.qprinstitute.com
- \* Recognizing and Responding To Suicide Risk: Essential Skills for Clinicians.
  - Two-day advanced interactive training with post-workshop mentoring.
  - http://www.suicidology.org/web/guest/education-and-training/rrsr
- Suicide Care: Aiding life alliances (Canada only)
  - One-day seminar on advanced clinical practices
  - http://www.livingworks.net/SC.php









## SCREENING FOR MENTAL HEALTH

A Resource Guide for Implementing the

The Joint Commission

2007 Patient Safety Goals on Suicide





# Keep informed of developments in suicide prevention. Receive the Weekly Spark – SPRC's weekly e-newsletter!

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