Suicide Risk **Assessment: Overview of Best Practices and Considerations** Webinar

Mental Health Commission

of Canada

Commission de la santé mentale du Canada















Audio and Video Reminders



Simultaneous Interpretation

French interpretation is available through a computer. To listen, click on the Interpretation button at the bottom of your screen and select your preferred language.





English and French Slides

If you would like to follow along to the slides in French, please select the view "Speaker". The slider between the speaker's camera and the English slides can be adjusted and moved to the left in order to view better view the French Slides.

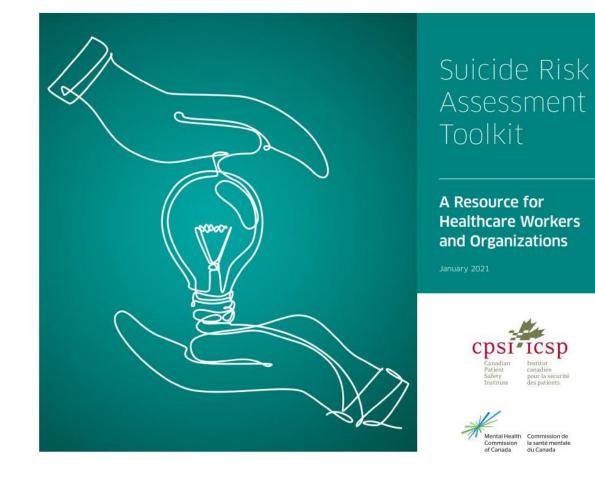


There will be a Q&A period at the end of the presentation

Please feel free to type in any questions for the presenters in the Q&A box.







Presenters

Moderator: Nitika Rewari, MSc, PMP

Acting Director Prevention and Promotion Initiatives Mental Health Commission of Canada



Speaker: E. David Klonsky, PhD.

Professor Department of Psychology University of British Columbia



Speaker: Allison Crawford, MD, PhD.

Clinician Scientist Centre for Addiction and Mental Health (CAMH)

Associate Professor Department of Psychiatry, University of Toronto



Associate Professor Department of Psychiatry Dalhousie University

Clinical and Academic Leader *Nova Scotia Hospital, Acute Care*

UNDERSTANDING SUICIDE RISK

E. David Klonsky, PhD University of British Columbia @KlonskyLab



CONDITIONS FOR SUICIDE



1) Pain

2) Hopelessness

3) Connection

PAIN AND HOPELESSNESS



Motivate Suicide

CONNECTEDNESS



Makes life worth living





Makes suicide feasible

CONDITIONS FOR SUICIDE



1) Pain

2) Hopelessness

3) Connection

Pain	Hopelessness	Connectedness	Capability

Pain	Hopelessness	Connectedness	Capability
Psychache			
Depression			
Anxiety			
Emotion Dysregulation			
Mental Disorders			
General Distress			

Pain	Hopelessness	Connectedness	Capability
Psychache	Hopelessness		
Depression	Pessimistic Outlooks		
Anxiety	External Locus		
Emotion Dysregulation	Learned Helplessness		
Mental Disorders	Self-Efficacy		
General Distress	Future Orientation		

Pain	Hopelessness	Connectedness	Capability
Psychache	Hopelessness	Social Isolation	
Depression	Pessimistic Outlooks	Loneliness	
Anxiety	External Locus	Poor Social Support	
Emotion Dysregulation	Learned Helplessness	Low Belongingness	
Mental Disorders	Self-Efficacy	Burdensomeness	
General Distress	Future Orientation		

Pain	Hopelessness	Connectedness	Capability
Psychache	Hopelessness	Social Isolation	Acquired Capability
Depression	Pessimistic Outlooks	Loneliness	Access to Means
Anxiety	External Locus	Poor Social Support	Knowledge of Means
Emotion Dysregulation	Learned Helplessness	Low Belongingness	Dispositional Capability
Mental Disorders	Self-Efficacy	Burdensomeness	
General Distress	Future Orientation		

CONDITIONS FOR SUICIDE



1) Pain

2) Hopelessness

3) Connection

CANNOT ACCURATELY PREDICT THE FUTURE!



1) Pain

2) Hopelessness

3) Connection

SNAPSHOT OF SUICIDE RISK



1) Pain

2) Hopelessness

3) Connection





1) Pain

2) Hopelessness

3) Connection

POINTS OF INTERVENTION



1) Pain

2) Hopelessness

3) Connection

MULTIPLE LEVELS OF INTERVENTION



- 1) Individual (psychotherapy, medication, safety plans)
- 2) Emergency (crisis lines, hospitals, 911)
- 3) Communities (schools, Indigenous)
- 4) Population/Government (discrimination, healthcare, poverty, guns)

THANK YOU!!

QUESTIONS??

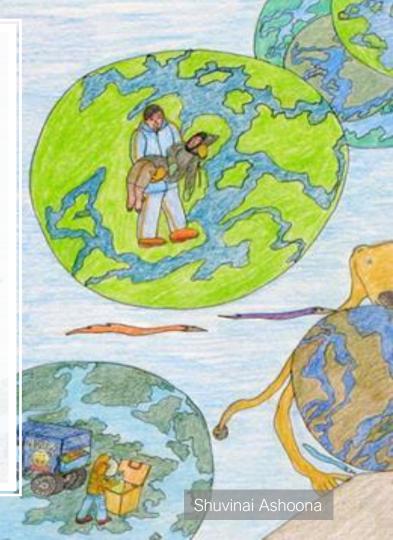
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Cultural Safety in Suicide Risk Assessment

Allison Crawford, MD, PhD, FRCPC, Chief Medical Officer, Canada Suicide Prevention Service Centre for Addiction and Mental Health University of Toronto



Disclosures

• Presenter Disclosures

- Presenter: Allison Crawford
- No relationships with financial sponsors to disclose

• Potential for conflict(s) of interest:

• None to disclose

Thank you to Dr. Rene Linklater for her collaboration in the development of some of these materials.

Thank you also to the Project CREATeS team and to the youth participants. <u>www.ProjectCREATeS.com</u>

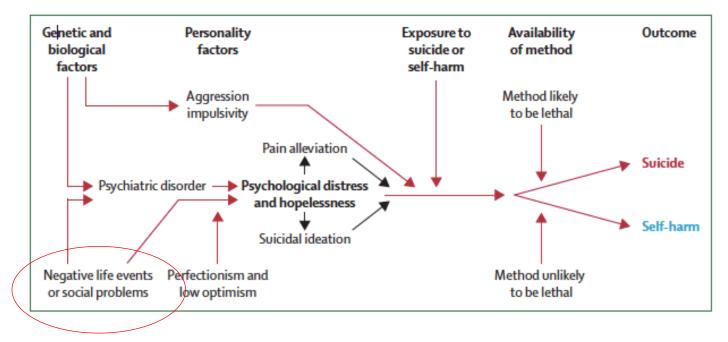
Learning objectives

At the end of this session, participants will be able to:

Consider how suicide risk assessment practices "fit" within diverse contexts and for equity-seeking communities.

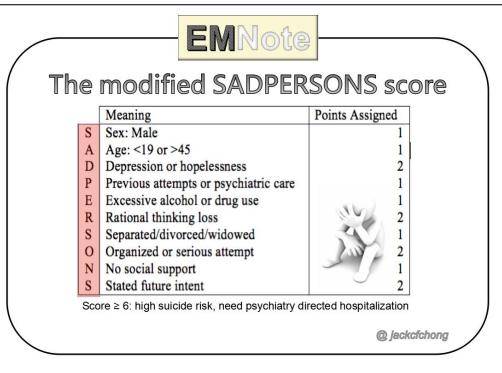
² Apply a cultural safety when identifying strengths and risk factors at community and individual levels.

Pathways of Risk

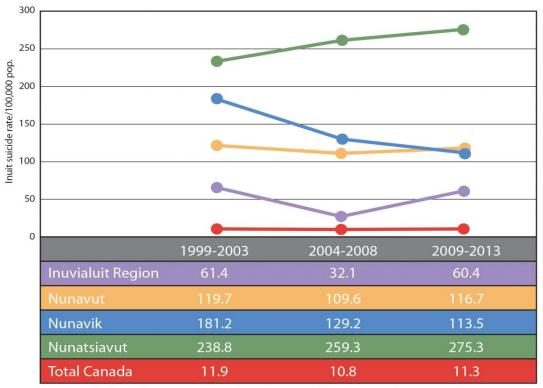


Hawton, Saunders, O'Connor 2012

Attempts to Quantify Risk



Warden et al. 2014

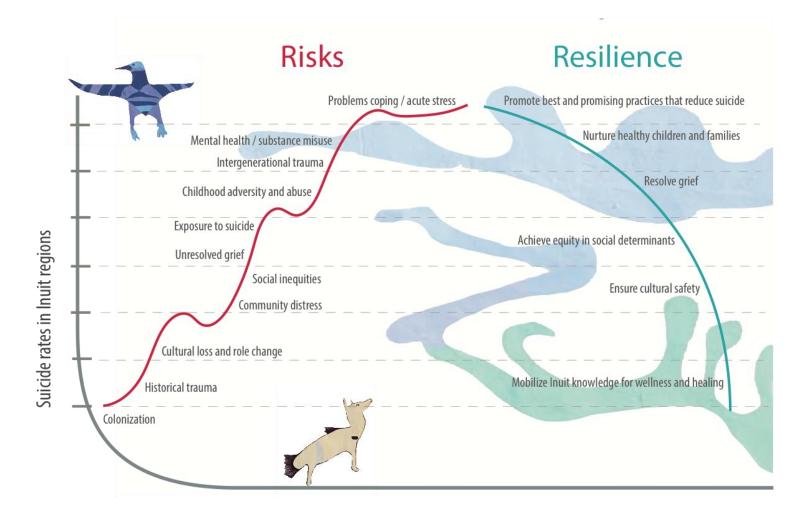


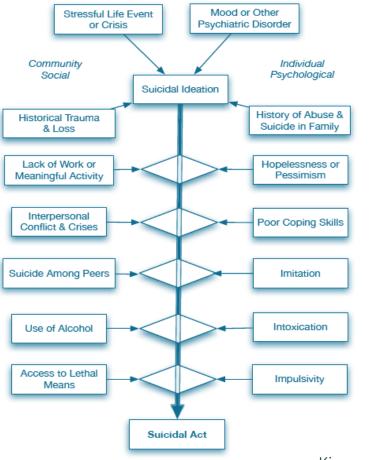
Note: Rates for all populations are crude. Total Canada rates are for 2001, 2006 and 2011.

Sources: a) Inuit data prepared for ITK by J. Hicks; b) Total Canada data – Statistics Canada, Table 102-0552

- Deaths and mortality rate, by selected grouped causes and sex, Canada, provinces and territories, annual.

National Inuit Suicide Prevention Strategy 2016





Kirmayer et al., 2009

Cultural Continuity

- Measure of self-government*
- Litigated land claims
- Local control over education
- Local control over health
- Local control over policing and fire services
- Community facilities for preservation of culture
- Local control over child protection system
- Presence of women in leadership roles





National Inuit Suicide Prevention Strategy



SUICIDE RISK AND PROTECTIVE FACTORS FOR INUIT IN CANADA



Historical Trauma Impacts of colonialism, residential schools, relocations, dog slaughter

Community Distress Social inequities including crowded housing, food insecurity, lack of access to

Papa Wounded Family Intergenerational trauma, family violence, family history of suicide

Traumatic Stress and Early Adversity 14 Experiencing acute or toxic stress in the or sexual abuse

> **Mental Distress** Depression, substance misuse. mental health disorder, self-harm

Acute Stress or Loss Recent loss, intoxication, access to means, hopelessness, isolation

PROTECTIVE **FACTORS**

Cultural Continuity Strongly grounded in Inuit language, culture and history

Social Equity Adequate economic, educational, health

and other resources support and foster resilience

> **Family Strength** Safe, supportive and nurturing homes



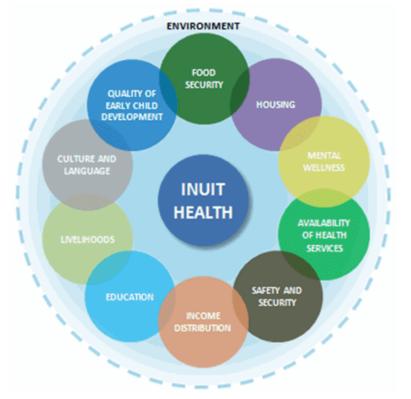
Healthy Development Providing children with safe environments

that nurture social and emotional development

Mental Wellness Access to Inuit-specific mental health services and supports

Coping with Acute Stress Ability to regulate and cope with distress, access to social supports and resources

Social Determinants of Health



Inuit Tapiriit Kanatami, 2014



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ARCTIC COUNCIL

The leading intergovernmental forum promoting cooperation in the Arctic.

Learn more



RISING SUN: Prioritized Outcomes for Suicide Prevention in the Arctic

Pamela Y. Collins, M.D., M.P.H., Roberto A. Deigado, Jr., Ph.D., Charlene Apok, M.A., Laura Baez, L.C.S.W., M.S.W., Peter Bjørregaard, M.D., Ph.D., Susan Chatwood, Ph.D., M.S.C., Cody Chipp, Ph.D., Allison Crawford, M.D., Ph.D., Alex Crosby, M.O., M.P.H., Denise Dillard, Ph.D., David Driscoll, Ph.D., Heidl Ericken, M.D., Ph.D., Jack Hicks, Christina V. L. Larsen, Ph.D., Richard McKeon, Ph.D., M.P.H., Per Jonas Partapuoli, B.Sc., Anthony Phillips, Ph.D., Beverly Pringle, Ph.D., Stacy Rasmus, Ph.D., Sigruf Sigurdardöttir, Ph.D., Anne Silviken, Ph.D. (Cand. Psychol.), Jon Peter Stoor, M.S., Yuny Sumarokov, M.D., Ph.D., Lisk Wetker, M.S.W, Ph.D.

The Arctic Council, a collaborative forum among governments and Arctic communities, has highlighted the problem of suicide and potential solutions. The mental health initiative during the United States chairmanship, Reducing the Incidence of Suicide in Indigenous Groups. Strengths United Through Networks (RISING SUN), used a Deiphi methodology complemented by face-to-face stakeholder discussions to identify outcomes to evaluate suicide prevention

Interventions. RISING SUN underscored that multilevel suicide prevention initiatives require mobilizing resources and enacting policies that promote the capacity for veillness, for example, by reducing adverse childhood experiences, increasing social equity, and mitigating the effects of colonization and poverty.

Psychiatric Services 2019; 70:152-155; doi: 10.1176/appi.ps.201700505

Approximately 500,000 indigenous people inhabit the circumpolar North, and suicide rates in Arctic communities, particularly for young people, typically exceed national averages (1). The high rates of suicida emong indigenous youths in the Arctic are a relatively recent phenomenon, coinciding with colonial intrusions into traditional lifestyles, rapid modernization, cultural disruption, and policies of cultural assimilation (2). Lack of service system infrastructure, distrust of formal services, systemic discrimination, underemployment, and collective disempowerment increase suicide risk for Arctic indigenous youths (0, 3). Yet the holistic perspectives (i.e., connections with land and spirituality) reflected in the traditional culture of many circumpolar indigenous communities can support mental health (4).

Suicide prevention efforts should be tied to identified strengths and vulnerabilities, but the challenges of conducting rigorous research and evaluation in the Arctic hinder the development and implementation of best practices. Suicide prevention research in these locations is constrained by geography, lack of culturally relevant measures with thorough psychometric testing, small populations, and research strategies that prioritize local control and cultural relevance over generalizability and rigor-enhancing scientific conventions (5). Another constraint is the definition of evidence, which has often limited the criteria for determining intervention effectiveness to randomized controlled trials at the expense of evidence from other knowledge systems. Arctic mental health researchers have called for a "circumpolar comparative framework ... to design, conduct and interpret interventions [10] enable lessons to be learned and shared" (5). Such a framework will better enable indigenous communities, service providers, researchers, and policymakers to address the critical health disparities that affect indigenous youths across the Arctic.

Over the past decade, the Arctic Council, the intergovernmental forum of Arctic states and permanent participants (representing indigenous peoples' organizations), has become a forum for collaborative efforts to highlight the problem of suicide and potential solutions. The 2011 Arctic Health Declaration in Nuuk, Greenland, focused on enhancing mental health and the prevention of substance abuse and suicide. Under the 2013-2015 Canadian chairmanship of the Arctic Council, the Sharing Hope initiative supported international teams of Arctic researchers to identify evidence-based interventions that increase mental wellness and prevent suicide among circumpolar indigenous communities (5). The final report revealed a dearth of rigorously tested interventions for these communities. More recently, under the United States chairmanship (2015-2017), a multicountry team built on this work with a new mental health initiative called Reducing the Incidence of Suicide in Indigenous Groups: Strengths United Through Networks (RISING SUN). The

152 ps.psychiatryonline.org

Psychiatric Services 70:2, February 2019



ACTION

ABOUT TEAM STORIES

PROJECT CREATES

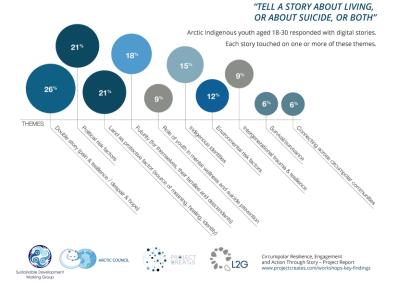
VIDEO SLIDE

https://www.dropbox.com/s/hqljsgpz050uwky/A01%20Byron%20Nicholai.mov?dl=0

"TELL A STORY ABOUT LIVING, OR ABOUT SUICIDE, OR BOTH"

Arctic Indigenous youth aged 18-30 responded with digital stories. Each story showed the importance of interventions at one or more of the levels shown here.





www.ProjectCREATeS.com

Crawford 2019

Cultural safety in suicide risk assessment



What is cultural safety?

Cultural safety is about fostering a climate where the unique history of Indigenous peoples is recognized and respected in order to provide appropriate care and services in an equitable and safe way, without discrimination. (San'yas 2021)

Trust is established and maintained in the treatment relationship Clients are treated with respect Clients have their cultural location, values and preferences taken into account in the health service encounter A process of **self-reflection** to understand personal and systemic biases and to develop and maintain respectful processes and relationships based on mutual trust.

Cultural humility involves humbly acknowledging **oneself as a learner** when it comes to understanding another's experience.

First Nations Health Authority

Cultural Safety and Indigenous Knowledges

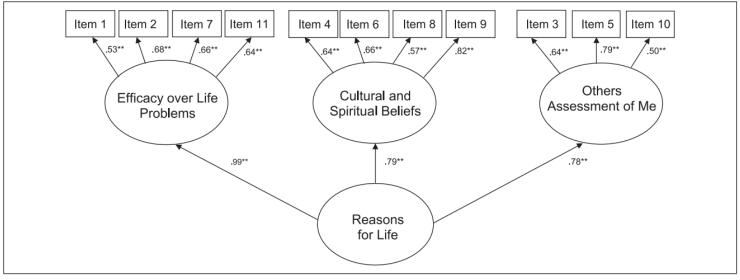
Believing that health is a **wholistic** concept.

Knowing that **Peoples' ways of thinking and being** are important to wellness and healing, while also taking a **distinctions-based** approach

Recognizing that mental health is developed and is maintained through connectedness with family, community and the environment. Understanding how history may influence experience, including individual and community history.

Accepting that different healing processes exist for different people, and respecting each other's strengths and abilities in helping.

Reasons for living scale



Allen et al. 2021

Reasons for living scale

 Table 2. Item Parameters for Five-Category and Four-Category Calibrations.

		Five-category calibration				Four-category calibration				
ltem		а	b	<i>b</i> ₂	b ₃	<i>b</i> ₄	а	b	b ₂	b ₃
	Efficacy Over Life Problems									
I	I believed I can help others fix their problems	1.00	-3.30	-0.54	0.01	1.22	1.00	-3.32	-0.55	1.22
2	I believed I can make things work out for the best even when life gets difficult	1.93	-2.26	-0.78	-0.38	0.82	1.78	-2.35	-0.79	0.85
7	l believed I can fix my problems	1.54	-2.76	-1.30	-0.89	0.30	1.57	-2.73	-1.28	0.30
П	I had the courage to face life's hardest moments	1.47	-2.86	-0.89	-0.49	0.44	1.41	-2.93	-0.89	0.45
	Cultural and Spiritual Beliefs									
4	No matter how hard things got, I believed God wanted me to live	1.07	-4.52	-2.75	-1.69	-1.29	1.03	-4.64	-2.91	-1.32
6	My Yup'ik Elders taught me that my life is valuable	1.93	-2.21	-1.20	-0.93	-0.13	1.84	-2.25	-1.22	-0.14
8	l believed I must live to be an Elder	1.25	-3.87	-2.04	-1.66	-0.51	1.23	-3.92	-2.06	-0.52
9	My religion taught me that my life is valuable Others' Assessment of Me	2.32	-2.09	-0.90	-0.56	0.10	2.42	-2.06	-0.89	0.10
3	People saw me do good things to help others	1.62	-2.40	-0.74	-0.29	0.69	1.51	-2.49	-0.75	0.70
5	People saw that I am strong and care about others	2.70	-2.27	-1.16	-0.74	0.20	2.92	-2.22	-1.13	0.19
10	People saw I live my life in a good way	0.88	-4.37	-1.58	0.05	0.57	0.83	-4.55	-1.81	0.60

Allen et al. 2021

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What does this mean for our work?

Stance of cultural humility

Assume strengths

Trauma-informed care

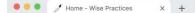
Wholism

Evaluate cultural safety

Know resources

Partnership

Indigenous leadership



wisepractices.ca

Wise Practices

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Indigenous Leadership for Living Life Well

hopeforwellness.ca



Passer au français

HOPE FOR WELLNESS HELPLINE

Welcome to the Hope for Wellness Helpline - On-Line Chat Counseling Service

Call the toll-free Help Line at 1-855-242-3310, 24 hours a day, 7 days a week, or use the chat box below to connect with a counsellor on-line

The Hope for Wellness Help Line offers immediate mental health counselling and crisis intervention to all Indigenous peoples across Canada.

Experienced and culturally competent Help Line counsellors can help if you:

- · want to talk
- · are distressed
- · have strong emotional reactions
- are triggered by painful memories

If asked, counsellors can also work with you to find other wellness supports that are available near you

Phone and chat counselling is available in English and French. On request, phone counselling is also available in:

- Cree
- Ojibway
- Inuktitut

CHAT NOW

Name (Real name optional) Your Question Connect with a counsellor

Services provided by Donna Cona. To understand how your personal information is managed, please click Donna Cona's privacy policies and terms and condition policy.



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Linklater, Renee. Decolonizing Trauma Work: Indigenous Stories and Strategies. 2014.

Clinical Approach to Suicide Risk Assessment

Dr. Joseph Sadek, MD, MBA, B.Sc. Pharm, FRCPC.

Diplomat American Board of Psychiatry and Neurology

Associate Professor, Department of Psychiatry, Dalhousie University

Chaired the NS Suicide Prevention Task Force

Objectives

• By the end of this presentation, participants will be able to recognize the clinical approach to suicide risk assessment and management with focus on NS experience.



WHY Suicide Prevention is Important?

The psychological and social impact of suicide on the family and society is immeasurable

On average, a single suicide affects at least six other people. If a suicide occurs in a school or work place it has an impact on hundreds of people (Bolton J, 2015, BMJ)

The burden of suicide is twice the burden of diabetes, and equal to the burden of birth asphyxia and trauma (WHO. Preventing suicide—a global imperative. 2014)



In 2019, the number of suicides in Canada was around 4012.

The suicide rate for males was three times higher than the rate for females (17.9 versus 5.3 per 100,000).

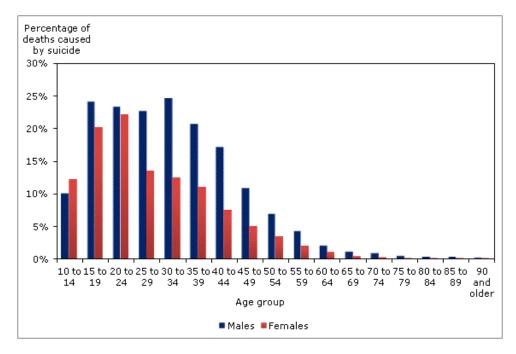
Although suicide deaths affect almost all age groups, those aged 40 to 59 had the highest rates.

Suicide rates for Indigenous youth are among the highest in the world, at 11 times the national average.

Epidemiology



Epidemiology



REF: Statistics Canada

Suicide Prevention Task Force in NS The task force had to:

Meet Accreditation Canada standards

Review or current and past morbidity and mortality cases

Review the literature related to Suicide

Identify challenges in SRA and propose solutions

Design a tool that assist in clinical judgment and provide training

Required Organizational Practices (ROP) Standards for Suicide Prevention

Accreditation Canada (2015) states following requirements:

- Clients at risk of suicide are identified.
- The risk of suicide for each client is assessed at regular intervals or as needs change. The immediate safety needs of clients identified as being at risk of suicide are addressed.
- Treatment and monitoring strategies are identified for clients assessed as being at risk of suicide.
- Implementation of the treatment and monitoring strategies is documented in the client record.
- REF: http://accreditation.ca/sites/default/files/rop-handbook-2014-en.pdf

• Clinicians commonly rely on subjectively reported information, which does not always provide a full picture of the risk. Collateral information can provide a more complete picture of risk.

• Designed a tool that allows for including collateral information

- Suicide risk assessment scales do not accurately predict death by suicide and cannot be used for suicide risk assessment by individuals not trained in suicide risk assessment

• Designed a tool that relies on clinical judgment but allows for inclusion of all the relevant information to make a sound judgment

 Lack of consistency in the education and training of health care providers in the competencies needed to conduct a suicide risk assessment

 Developed a training program to all clinicians and allied health professionals with video modules, book, e-book, case studies and face to face training.

• Suicidal behavior can produce intense emotional responses from clinicians. When these emotions are unrecognized, they can create negative reactions that limit their ability to work effectively with people who are acutely suicidal.

Allowed for extra training for clinicians who react negatively to suicidal patients

- Sometimes suicide risk is not documented
- Suicide risk not communicated with others involved in patient care

• Developed a tool that allows for documentation and communication among other clinicians involved in patient care

- Acute risk sometimes not differentiated from chronic risk.
- Patients who self harm are not diagnosed and managed adequately

• Designed one of the training modules to discuss self harm and disorders that may be related to self harm such as Borderline Personality Disorder

- Some people argues that suicide prevention is not the responsibility of the mental health system
- Several researchers found that majority of patients who died by suicide had a mental disorder preexisted. Mood disorders (predominantly depression) and substance use disorders (particularly alcohol abuse and dependence) were found in about two-thirds of people who died from suicide, with personality disorders accounting for an additional 15%.
- Social dimensions cannot be ignored. (Turecki, Lancet 2016)

Some argue: "No evidence that suicide prevention can be successful".

We know of several programs that had evidence of success:

Akita University, in Japan's with 50% reduction in suicide in a town in 4 years.

"the UK, improvements in service delivery achieved up to a 20% reduction in completed suicide by service users.

Nurmberg, Germany: after two years, a program resulted in a 24% reduction in suicides and suicide attempts







DO WE HAVE EVIDENCE THAT SUICIDE PREVENTION CAN BE SUCCESSFUL ?

• There is some evidence that thorough assessments after self-harm may on their own improve outcomes. (Kapur N, 2008, Bergen H, 2010).

Does asking about suicide make a patient more likely to act on it?

- No
- A barrier to assessment is the belief held by some clinicians that asking about suicidal thoughts will induce such thoughts in patients (Bolton 2015).
- A review of 13 studies published between 2001 and 2013 that investigated this question found no evidence of increase in suicidal ideation in patients who were asked about suicide.

NS Suicide Prevention Training

- 1. Suicide Risk Assessment Policy
- 2. Introduction to Suicide Literature and background
- 3. Suicide, Self Harm, BPD and other disorders
- 4. The Content and Process of SRA:
- Developing Core Competencies such as therapeutic alliance
- Identify Risk Factors and Factors That Build Resilience
- Collecting collateral history
- Formulating the risk
- 5. Management of suicidal patient
- 6. Documentation, Communication and Quality Monitoring

Interview Risk Profile Suicidal thinking or Ideation Access to lethal means Suicide intent or lethal plar plan for after death (note)	Admission/Transfer/Discharge Admission/Transfer/Discharge Admission/Transfer/Discharge Admission/Transfer/Discharge Admission/Transfer/Discharge Discharge Admission/Transfer/Discharge Discharge Dis	cute deterioration <u>Risk Buffers</u> – Not to be us to determine degree of risk
 Suicidal thinking or Ideation Access to lethal means Suicide intent or lethal plan plan for after death (note) 	Ethnic, cultural risk group or	
	 Trauma: as domestic violence / sexual abuse/neglect Poor self-control: impulsive / violent/aggression Recent suicide attempt Other past suicide attempts, esp. with low rescue potential Mental illness or addiction Depression/ anhedonia Psychotic Command hallucinations Recent admission / discharge / ED visits Chronic medical illness/ pain Disability or impairment Collateral information supports suicide intent Caregiver unavailable Frequent change of home 	
	hecklist is intended to guide the clinical decisio	
RISK LEVEL: 🗆 High	n <mark>⊡ Moderate ⊡ Low</mark> s	ignature:

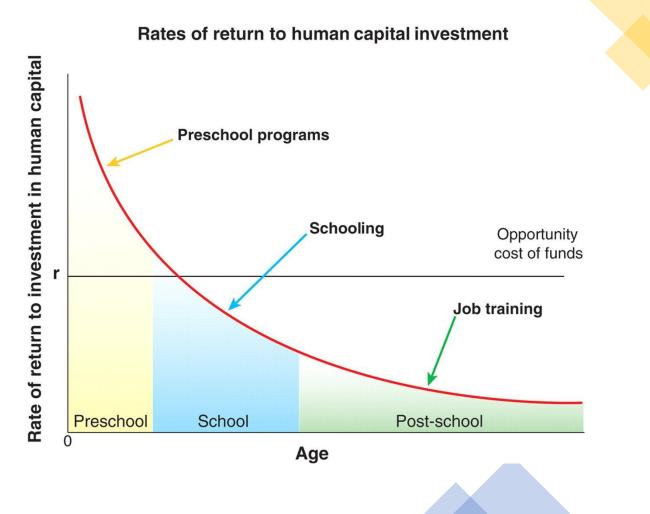
For information about this form contact Dr. Joseph Sadek at joseph.sadek@nshealth.ca



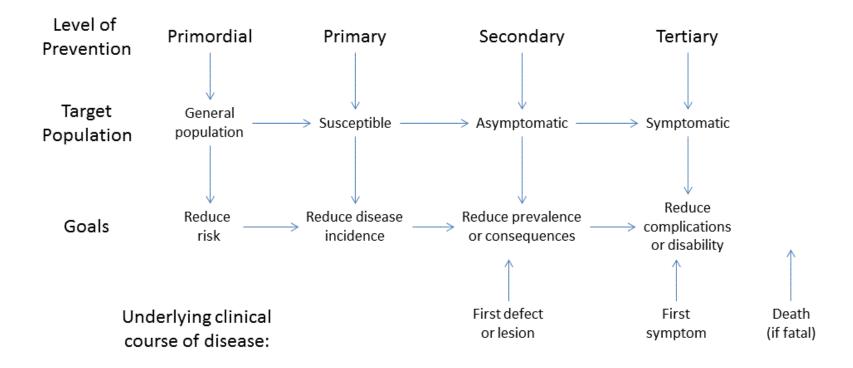
A Fresh Look at the Future

Start at an Early Age and Think Prevention It is useful to recall the overall estimation of return of investment in human capital proposed by Heckman: the earlier the age of exposition (or investment), the higher the return

Considering the trend towards a progressively younger average age when suicidal behaviors occur, Heckman's proposal assumes even greater importance.



A Classification of Preventive Strategies



Words to Remember

If patients have mental disorder, perhaps they might later recover and change their mind. Many people are relieved to have survived suicide

We usually conclude to give the patient the benefit of the doubt, and that whatever we do, should assist in the preserving of life, not the opposite. (*The Lancet, Vol 383 March 8, 2014*)

Thank You Questions? Please email: joseph.sadek@nshealth.ca

THANK YOU!

Questions?

Mental Health Commission of Canada

Commission de la santé mentale du Canada







THANK YOU!

If you have any other questions, please email Meagan Barrett-Bernstein at <u>mbarrett-</u> <u>bernstein@mentalhealthcommision.ca</u>

MERCI!

Si vous avez d'autres questions, veuillez s'il vous plait envoyé un courriel à Meagan Barrett-Bernstein à <u>mbarrett-</u> <u>bernstein@mentalhealthcommission.ca</u> Mental Health Commission

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