

Disclosure Information

None of the individuals in a position to control the content of this CE activity, and/or their spouse/partner, have any relevant financial relationships with commercial interests to disclose.

- Intro
- Why Treat Healthcare Providers Now?
- How Can Outpatient BH Clinicians Help Now?
- Specific Healthcare Provider Psychological Stressors
- Cultural Considerations
- Psychoed re: Trauma Theory
- Resiliency
- Assessment
- Stress Response Levels
- · Crisis Intervention Models
- Moral Injury & Value Violations

- Psychological Flexibility
- Values
- Stage 1: Assessment & Mandated Reporting
- Stage 2: Rapid Rapport Building
- Stage 3: Identify Crisis Precipitant
- Stage 4: Feelings & Emotions
- · ANS Regulation
- Stage 5: Generate & Explore Alternatives
- Managing Thoughts & Behaviors
- Self Care / Resiliency Building
- · Avoidance vs Committed Action
- Stage 6 & 7 Implementation, Action Plan

3

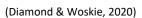
Healthcare Provider Resiliency & Support Intro

 The COVID-19 virus will "undoubtedly unleash an unprecedented level of psychological trauma on both health care providers and patients"



(Faraz, 2020)

- During the 2014 Ebola pandemic, the acute clinical demand often forced providers to defer grief until later.
- To this day, many providers continue to experience PTSD; a wellestablished risk for providers in outbreaks.





5

## **Healthcare Provider Resiliency & Support Intro**

Video: Adreinne Johnson Nurse in Louisiana



Video of Adrienne Johnson. (n.d.). Retrieved April 12, 2020, from https://www.linkedin.com/posts/jennifer-van-rensburg-a65277100\_a-nurses-prayer-ugcPost-6655389890210996224-llat



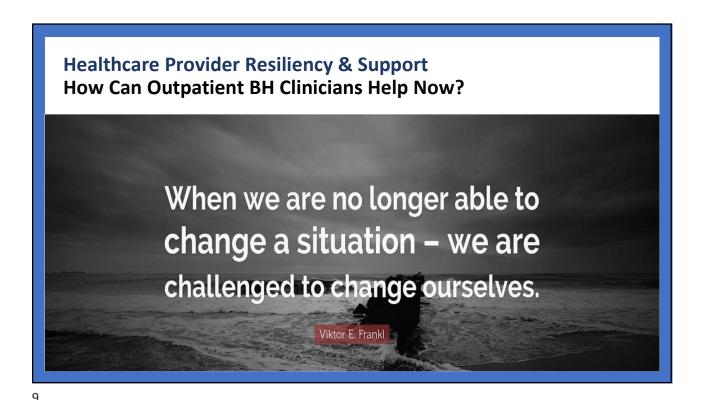
7

# Healthcare Provider Resiliency & Support Why Treat Healthcare Providers Now?

- Poor mental health has been continuously linked to lower productivity and increased absenteeism
- "The last thing we need during a precarious pandemic is for frontline providers to quit or not show up for work"
- This is not without historical precedent. It has happened before: during the 2014 Ebola epidemic.
- Dr. Victor Tseng, a Pulmonary & Critical Care Physician-Scientist stated, "We might expect it to be felt for an entire generation"



(Harvard Health Publishing, 2010; Tseng, 2020)



**Specific Healthcare Provider Psychological Stressors** 

Table. Requests From Health Care Professionals to Their Organization During the Coronavirus Disease 2019

Table. Requests From Health Care Professionals to Their Organization During the Coronavirus Disease 2019 Pandemic

Request

Principal desire

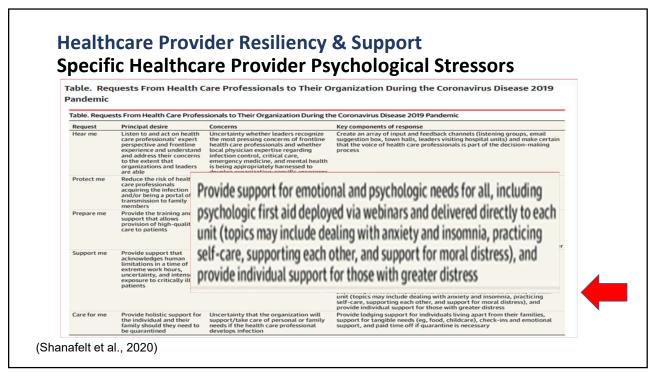
Concerns

Listen to and act on health care professionals experience and understance to the extent that care professionals of presion goncerns of fronting experience and understance to the extent that care professionals and whether local physician expertise eiganding appropriately harmansed to an and/or being a portal of transmission to family members

Prepare me

Provide the training and support that allows and professionals and whether the support for experience and understance to the extent that care professionals and whether the provide provided that care professionals and whether the care professionals and whether the provided provided and their is being appropriately backed and access to experts and support that allows graph occupational health with efficient evaluation and testing if symptoms or family and the provided provided and provided and their that allows graph and provided provided and their that allows graph and provided provided and their that allows graph and provided provided and their that allows graph and provide

(Shanafelt et al., 2020)



11

## Healthcare Provider Resiliency & Support Specific Healthcare Provider Psychological Stressors

#### Anxiety & Fear

- What if I become infected with COVID-19?
- Will my organization support provider and family needs if infected and I cannot work?
- We have no rapid access testing: will I spread the virus to my co-workers, friends & family?
- Can I manage expanding workload due to depleted workforce and complexity of cases?
- Competence: deployed to a new area

#### Other Emotiona Responses

- Shame if not treating patients directly because of personal risk factors (pregnancy, asthma)
- Shame not coping well
- Guilt they cannot do enough to help patients
- Managing hostility towards medical personnel
- Helplessness
- Anger re: lack of safety
- Loss of control in routine
- Potential loss of business for specialists/ PCPs

### Moral Distress & Value

- Lack of ethical guidelines (Who decides when not enough ventilator?)
- Advise patients against treatment (not a candidate for ventilation, may not want to be in the hospital and die alone)
- Unable to provide comfort, or let families comfort dying patients
- Self care vs care for others

#### Loss and Grief

- Death of patients, colleagues, family, friends
- Loss of normalcy/routine
- Loss of assumed safety
   Isolation from family, friends, community
- Isolation from coworkers.
- PPE prevents communication during shifts
- Can't move around units
- Not eating meals together

(Faraz, 2020; PsychScene Hub, 2020; Shanafelt et al., 2020)

### **Specific Healthcare Provider Psychological Stressors-Phase 3**

#### Anxiety & Fear

- What if I become infected with COVID-19?
- Will my organization support provider and family needs if infected and I cannot work?
- We have no rapid access testing: will I spread the virus to my co-workers, friends & family?
- Can I manage expanding workload due to depleted workforce and complexity of cases?
- Competence: deployed to a new area

### Other Emotiona Responses

- Shame if not treating patients directly because of personal risk factors (pregnancy, asthma)
- Shame not coping well
- Guilt they cannot do enough to help patients
- Managing hostility towards medical personnel
- Helplessness
- Anger re: lack of safety
- Loss of control in routine
- Potential loss of business for specialists/ PCPs

### Moral Distress & Value Violations

- Lack of ethical guidelines (Who decides when not enough ventilator?)
- Advise patients against treatment (not a candidate for ventilation, may not want to be in the hospital and die alone)
- Unable to provide comfort, or let families comfort dying patients
- Self care vs care for others
- Disillusionment with medical system / profession
   Label of hero not a fit

#### Loss and Grief

- Death of patients, colleagues, family, friends
- Loss of normalcy/routineLoss of assumed safety
- Loss of assumed safet
   Isolation from family, friends, community
- Isolation from co-workers.
- PPE prevents communication during
- Can't move around units
- Not eating meals together

(Faraz, 2020; PsychScene Hub, 2020; Shanafelt et al., 2020)

#### 13

## **Healthcare Provider Resiliency & Support**

### **Moral Distress & Value Violation**

Moral distress is the damage done when a person witnesses, perpetrates, or fails to prevent acts that transgress their own moral beliefs, values, or ethical codes of conduct

- A traumatic battle scar that extends beyond traditional conceptualizations of posttraumatic stress disorder (PTSD) to include a profound sense of guilt and shame for one's actions or inactions
- One must choose among bad options, need to pick the lesser of two evils
- The inability to contextualize or justify personal actions or the actions of others into preexisting moral schemas

(Guy, 2020; McKinnon et al., 2020; Syracuse University, n.d.)

## Healthcare Provider Resiliency & Support Moral Distress & Value Violation

- · Can emerge long after events or experiences or immediately after an event
- · Moral distress can lead to serious distress, depression, and suicidality

#### Examples of value violations that lead to moral distress:

- · Witnessing random suffering caused by natural disasters
- Sense of betrayal when inadequately supported by organizations that have an obligation to do so:
  - Work without critically needed personal protective equipment (PPE) carries the potential for traumatic guilt if a loved one is infected
  - · Not allowed to let families be with loved ones who are dying
  - Watched sufferers of COVID-19 die without necessary medical equipment
  - Dire ethical choices: Should a young man in his thirties with an unclear cancer prognosis receive access to the last remaining ventilator? Or should it be given to an otherwise healthy woman in her sixties?

(Guy, 2020; McKinnon et al., 2020; Syracuse University, n.d.)

15

### **Healthcare Provider Resiliency & Support**

### **Moral Distress & Value Violation: Treatment Recommendations**

- Support (therapy & natural)
- New Perspective:
  - The processes of confession, forgiveness, restitution, and recovery
  - Resolve distortions, providing a more realistic perspective on personal responsibility
- · New plan:
  - Revised moral road map.
  - Change beliefs about how the universe works
  - Emerge with a more realistic worldview that mirrored their experience
- Hope:
  - Persistent belief that good triumphs over bad, even if only briefly.
  - Believe that you can make a difference. that helping is noble, worthwhile work

(Guy, 2020; Volunteers of America, n.d.)



The above diagram created by William Nash, M.D., USN ret., Greater Los Angeles VA



# **Healthcare Provider Resiliency & Support Specific Healthcare Provider Psychological Stressors**



Individual character & temperament



Other stressors that day



Protective factors



Coping skills



Adaptability to change



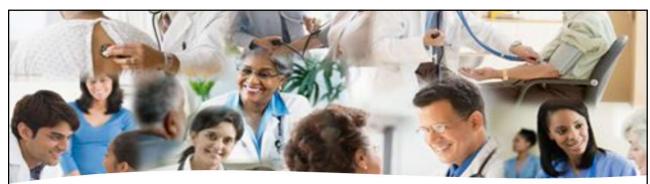
Support system



Intensity and duration of the stressor

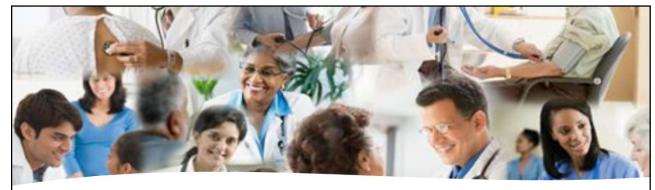
(Yeager & Roberts, 2003)

17



## **Healthcare Provider Resiliency & Support Cultural Considerations**

- Cultural considerations include respecting and integrating a person's values, beliefs, and practices
- All therapy is cross-cultural therapy
- Attend to power structure in medical culture
- Overlay with social-cultural identities. Isms exist in hospitals too.



## **Healthcare Provider Resiliency & Support Cultural Considerations**

- High-stress careers by choice (nurses, physicians law enforcement officers, EMTs )
- A professional culture of perfectionism, lack of vulnerability
- Sacrifice self-care for productivity and individual achievement
- Belief that mistakes are the fault of the individual and are unacceptable
- Excessive work hours; work even when ill
- Stigma asking for help

(Shanafelt et al., 2019; Yeager & Roberts, 2003)

**Medical Culture** 

19



## Healthcare Provider Resiliency & Support Cultural Considerations

Women

- 19 million healthcare workers in the USA, majority are women
- 73% healthcare workers infected with COVID-19 are women
- 9 of 10 nurses and nursing assistants, most respiratory therapists & pharmacists are women

(Robertson & Gebeloff, 2020; Yeager & Roberts, 2003)

# **Healthcare Provider Resiliency & Support Specific Healthcare Provider Psychological Stressors**

	COVID-19 Wuhan	2004 SARS Outbreak
• Distress	72%	na
<ul> <li>Depression</li> </ul>	50%	39% (vs 3% non-SARS)
<ul><li>Anxiety</li></ul>	45%	na
• Insomnia	34%	37% (vs 10% non-SARS)
• PTSD	na	30% (vs 12% non-SARS)

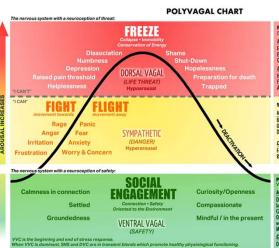
(Jianbo et al., 2020; Lai et al., 2020; Su et al., 2007; Zhang et al., 2020)

21

## **Healthcare Provider Resiliency & Support**

## **Psychoed re: Trauma Theory**

Stephen Porge's Polyvagal Framework

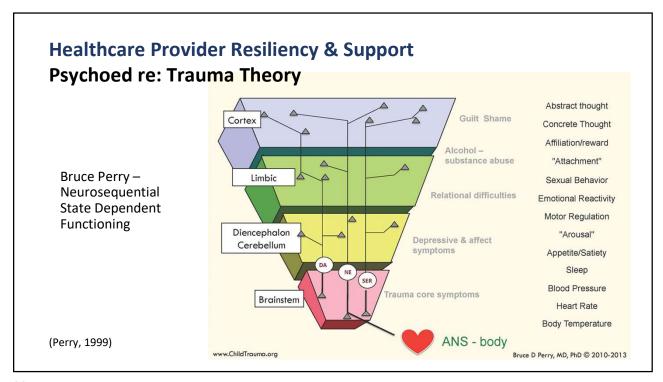


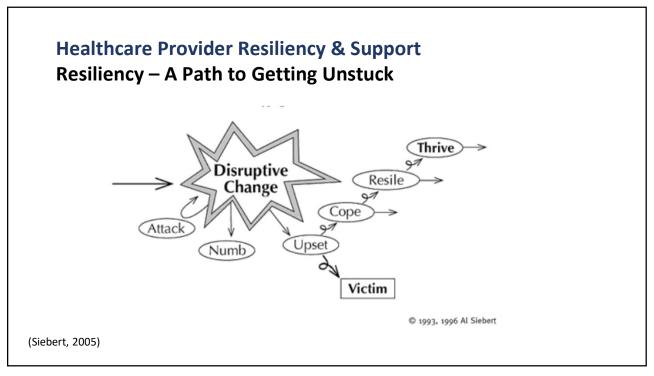
(Walker, 2017)

ARASYMPATHETIC NEEVOUS SYSTEM
ENTRAL VAGAL COMPEX

INCROSES

SECTION 1. RESIDENCE TO Infection
Immune Response - Rest and Recuperation - Health & Vitality
Inculation to non-Vital organs (sins, extremities)
Vitality organs (sins)
Vitality organs (sins)
Vitality organs







(Buckwalter, 2011; Headington Institute, n.d.)

# Healthcare Provider Resiliency & Support Resiliency: Definition

Resiliency is the ability to adapt well when facing tragedy, trauma, stress, or adversity

- Effectively leverage psychological, social, cultural, and physical resources to sustain personal well-being
- Resilience researcher Galen Buckwalter's definition: "resilience determines how quickly we get back to our 'steady state' after the air has been knocked out of us"
- Resilience can be strengthened with practice

25

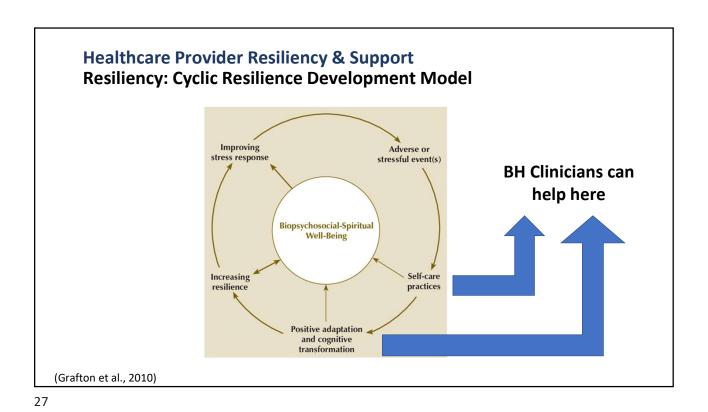
## Healthcare Provider Resiliency & Support

### **Resiliency: Changes in Conceptualization**

	Wave	Description	Outcome	Interventions
<u>L</u> st	First Wave: Resilient Qualities	Identified people's traits and environmental characteristics related to resilience	Provided a list of traits and environmental factors to help people overcome adversity	Interventions were intended to prevent and reduce risk.
nd	Second Wave: Resilient Processes	Focused on the processes used to overcome stress and regain balance	Established which processes contribute to recovery	Interventions aimed to return people to equilibrium.
rd	Third Wave: Innate Processes	Identifies the motivational forces within individuals and groups that allow them to self-actualize	Distinguishes experiences that foster and activate growth-producing forces	Interventions tap innate creative and transformational processes.

Source. Adapted by Greene (2007) from "The metatheory of resilience and resiliency," by G. E. Richardson, 2002, Journal of Clinical Psychology, 58, 308.

(Greene et al., 2012; Richardson, 2002)



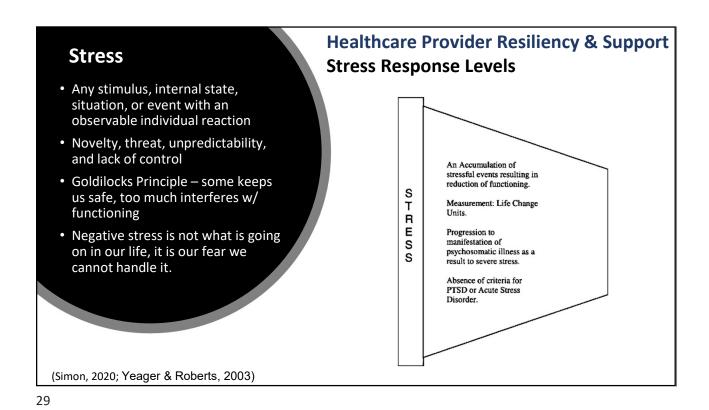
Healthcare Provider Resiliency & Support

Stress Response Levels

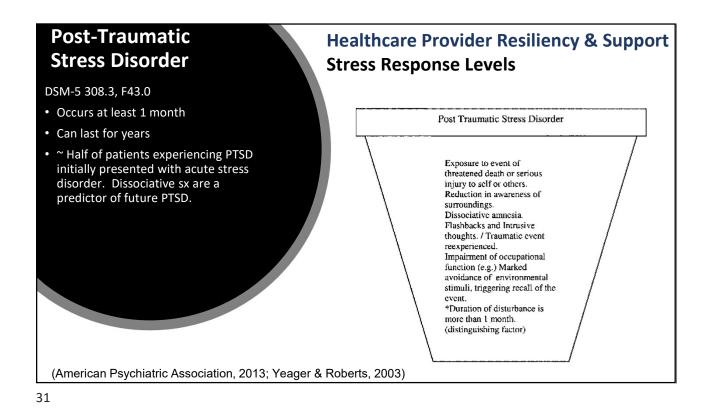
- Stress
- Acute Stress Response
- Acute Stress Disorder

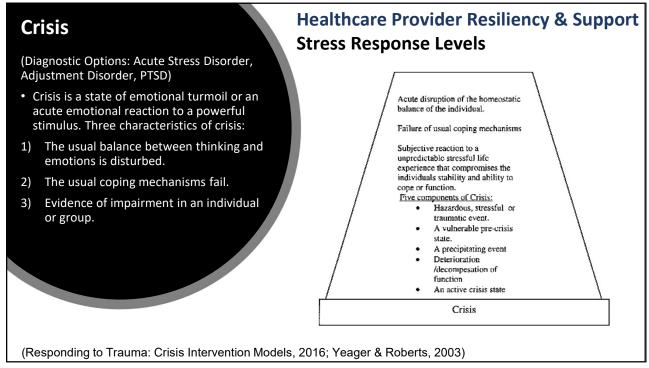
- Crisis
- Post-Traumatic Stress Disorder

- Crise Residence of the Company o



**Healthcare Provider Resiliency & Support Acute Stress Reaction & Acute Stress Disorder Stress Response Levels Acute Stress Reaction** (not a dx) u Transient condition that often develops in t response to a traumatic event. Lasts up to 3 Exposure to event of threatened e death or serious injury to self or days. others. Reduction in awareness of Acute Stress Disorder (DSM-5 308.3, F43.0) surroundings. tr Dissociative amnesia. e Occurs at least 3 days to one month after Flashbacks and Intrusive thoughts / Traumatic event S traumatic event. reexperienced. Impairment of occupational function. (e.g.) Marked • Same sx as PTSD, but only 9 sx total D avoidance of environmental is stimuli, triggering recall of the \*Disturbance last a maximum of 4 weeks (distinguishing factor) (American Psychiatric Association, 2013; Yeager & Roberts, 2003)





**Crisis Intervention Models** 

#### Two leading crisis intervention models:

- Albert Roberts' Seven-Stage Crisis Intervention Model
- Mitchell's Critical Incident Stress Management intervention system

Other widely recognized models include:

- Psychological First Aid
- · Mental Health First Aid
- Stress First Aid (self care & peer support)
- ABC Model

(Roberts & Ottens, 2005)



33

**Healthcare Provider Resiliency & Support** 

**Seven-Stage Crisis Intervention Model** 

Consider Phase of Disaster Response

- Phase I Impact
- Phase II Heroic or Rescue phase
- Phase III Crisis Intervention
  - Begins 1–4 weeks after the disaster unfolds
- Phases I and II involve the disaster management and emergency relief, meet more immediate needs.
  - Recommend using: Psychological First Aid, Mental Health First Aid & Stress First
     Aid

(Roberts & Ottens, 2005)



**Seven-Stage Crisis Intervention Model** 

- Phase III Crisis Intervention
  - This is the phase healthcare providers will approach outpatient settings for support
  - Provides overarching plan for how to proceed
  - Components of the model take into consideration what the persons in crisis bring with themselves to every crisiscounseling encounter—their inner strengths and resiliency

(Roberts & Ottens, 2005)



35



## **Healthcare Provider Resiliency & Support**

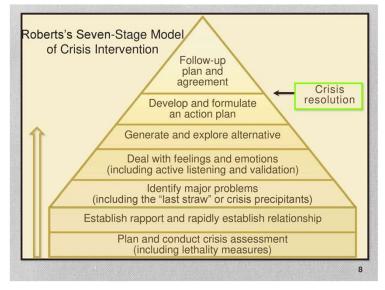
### **Phase Considerations**

**Lessons from Wuhan** 

- Chinese Medical and Psychological Disease Clinical Medicine Research Center responded rapidly to the psychological pressures on staff but encountered refusal of help.
- Many staff mentioned that they did not need a psychologist, but needed more rest without interruption and enough protective supplies.
- If possible, they wanted mental health staff to be on hand to directly help these patients.

(Chen et al., 2020)

### **Seven-Stage Crisis Intervention Model**



(Saunders, 2017)

37

### **Healthcare Provider Resiliency & Support**

### **Seven-Stage Crisis Intervention Model**

## Robert's Seven-Stage Crisis Intervention Model

#### 1) Conduct

Conduct biopsychosocial and lethality/imminent danger assessment

- Environmental stressors & supports
- Medical needs and medications
- · Current use of drugs and alcohol
- Internal and external coping methods and resources
- Assess SI, safety

#### 2) Establish

Rapidly establish a collaborative relationship

- Rapport is facilitated by genuineness, respect and acceptance
- Use flexibility, positive mental attitude, resiliency, reinforcing small gains, good eye contact, creativity and nonjudgmental attitude

#### 3) Identify

Identify the major problems, including what precipitated the crisis

- What led to that person needing help
- Which problems to work on first
- Determinations coping style

(Roberts & Ottens, 2005)

### **Seven-Stage Crisis Intervention Model**

## Robert's Seven-Stage Crisis Intervention Model

#### 4) Exploration

- Exploration feelings and emotions through active listening
- $\bullet$  Communicating with warmth and reassurance
- Nonjudgmental statements and validation
- Accurate empathetic statements

#### 5) Generate [Resiliency Building]

- Once emotionally regulated, generate new coping & resiliency building strategies
- · CBT, DBT, ACT skills
- Explore to ensure the client's safety, MI, programs for treating chemical dependency

#### 6) Restore functioning

- An action plan helps provide concrete plans for ultimately restoring cognitive functioning.
- Many have trouble mobilizing and following through on an action plan
- Small, achievable steps that can be tracked

#### 7) Plan

- Plan for a follow-up contact after the initial intervention to evaluate the client following the crisis.
- Follow-up contact should include physical condition, cognitive mastery of the precipitating
  event, assessment of overall functioning, satisfaction and progress with ongoing treatment,
  any current stressors and how those are being handled, and need for possible referrals.

(Roberts & Ottens, 2005)

39

## **Healthcare Provider Resiliency & Support**

### Stages 1, 2, & 3: Assessment, Rapport, and Crisis Precipitants

- Rapid assume 1 session (BHC model)
- Contained content
- Functioning, coping, and problem/solution focused
- Every session contains intervention



## Stage 1: Assessment

#### 1) Conduct

Conduct biopsychosocial and lethality/imminent danger assessment

- Environmental stressors & supports
- Medical needs and medications
- · Current use of drugs and alcohol
- · Internal and external coping methods and resources
- · Assess SI, safety



(Roberts & Ottens, 2005)

41

# **Healthcare Provider Resiliency & Support Assessment: Patient Stress Questionnaire**



in your life, have you ever had any experience that wa in the past month, you:	s so fright	tening, horrit	le, or upsetti	ng that,	
Have had nightmares about it or thought about it when you did not want to?					Yes
Tried hard not to think about it or went out of your way to avoid situations that reminded you of 8?					Yes
3. Were constantly on guard, watchful, or easily start	tled?			No	Yes
4. Felt numb or detached from others, activities, or y	our surrou	indings?		No	Yes
3					
Drinking alcohol can affect your health. This is esp want to help you stay healthy and lower your risk t	for the pr	oblems that	can be cau	sed by d	rinking.
These questions are about your drinking habits.	We've I	sted the ser	rving size of	one drin	k below.
Please circle your answer	0	1	2	3	- 4
How often do you have one drink containing alcohol?	Never	Monthly or less	2-4 times a month	2-3 times a week	4+ times per week
How many drinks containing alcohol do you have on a typical day when you are drinking?	10/2	3 or 4	5 er 6	7 to 9	10 or more
How often do you have four or more drinks on one occasion?	Never	Less than monthly	Monthly	Weekly	Daily or almos daily
How often during the fast year have you					
found that you were not able to stop drinking once you had started?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
falled to do what was normally expected from you because of drinking?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
needed a first drink in the morning to get yourself going after heavy drinking?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
had a feeling of guilt or remorse after drinking?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
been unable to remember what happened the night before because you had been drinking?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
	0		2		4
Have you or someone else been injured as a result of your drinking?	No	Yes, but not in the last year			Yes, during the last year
Has a relative, friend, doctor or other health worker been concerned about your drinking or suggested you cut down?	No	Yes, but not in the last year			Yes, during the last year
1					
Standard serving of one drink: 12 ounces of beer or wine cooler 1.5 ounces of 80 proof squor 5 ounces of wine 4 ounces of brandy, liqueur or specifif		Y	<u>پ</u>	Total:	

No Yes

## **Healthcare Provider Resiliency & Support Assessment: Acute Stress** Severity of Acute Stress Symptoms—Adult\* National Stressful Events Survey Acute Stress Disorder Short Scale (NSESSS)

Age: \_\_\_\_ Sex: Male Female Date:

Instructions: People sometimes have problems after extremely stressful events or experiences. How much have you been bothered during the PAST SEVEN (7) DAYS by each of the following problems that occurred or became worse after an extremely stressful event/experience? Please respond to each item by marking (\* o' ex) one box per row.

Please list the traumatic event that you experienced:

						Clinician
	Not at all	A little bit	Moderately	Quite a bit	Extremely	Item score
Having "flashbacks," that is, you suddenly acted or felt as if a stressful experience from the past was happening all over again (for example, you reexperienced parts of a stressful experience by seeing, hearing, smelling, or physically feeling parts of the experience)?		<b>0</b> 1	□ 2	<b>3</b>	<b>□</b> 4	
Feeling very emotionally upset when something reminded you of a stressful experience?	<b>0</b> 0	<b>0</b> 1	□ 2	<b>3</b>	<b>4</b>	
Feeling detached or distant from yourself, your body, your physical surroundings, or your memories?	00	<b>0</b> 1	□ 2	<b>3</b>	□ 4	
Trying to avoid thoughts, feelings, or physical sensations that reminded you of a stressful experience?	00	<b>0</b> 1	□ 2	<b>3</b>	<b>3</b> 4	
Being "super alert," on guard, or constantly on the lookout for danger?	<b>0</b> 0	<b>0</b> 1	□ 2	<b>3</b>	<b>4</b>	
Feeling jumpy or easily startled when you hear an unexpected noise?	<b>0</b> 0	<b>0</b> 1	□ 2	<b>3</b>	<b>Q</b> 4	
Being extremely irritable or angry to the point where you yelled at other people, got into fights, or destroyed things?	0 0	<b>0</b> 1	<b>3</b> 2	<b>3</b>	<b>Q</b> 4	
P	rorated	Total Ra				
	felt as if a stressful experience from the past was happening all over again (for example, you reexperienced parts of a stressful experience by exemple, and providing or physically feeling parts of the experience)? Feeling experience providing or physically feeling parts of the experience? Feeling experience or distant from yourself, your body, your physical surroundings, or your memories? Trying to avoid thoughts, feelings, or your memories? Trying to avoid thoughts, feelings, or physical sernations that reminded you of a stressful experience? Being "super alert," on guard, or constantly on the lookout for danger? Feeling jumpy or easily startled when you hear an unexpected noise!  Being surgenity intable or angry to the point where being extremely intable or angry to the point where destroyed thing?	Having "flashbacks," that is, you suddenly acted or felt as if a stressful experience from the past was happening all over again for example, you serve the past was happening all over again for exhibit properties of the experience). It is not provided by the properties of the experience) or physically feeling parts of the experience) or physically feeling parts of the experience). It is not provided by the provided	Not all tablexis," that is, you suddenly acted or felt as if a stressful experience from the past was happening all over again for example, you resperience price for a stressful experience by seeing, hearing, smelling, or physically feeling pasts of the experience; of the experience; of the experience; of the experience; or enrinded you of a stressful experience? Feeling extended or distant from yourself, your body your physical symmetry or physical symmetries; or physical sensitive symmetries; or physical sens	Not at all strices with the control of the control	Not at little bit Moderately Guide have a little bit	Not at listifie the Moderately Guide and State S

Instructions to Clinicians

The National Stressful Events Survey Acute Stress Disorder Short Scale (NSESSS) is a 7-them measure that assesses the severity symptoms of acute stress disorder in individuals age 18 and older following an extremely stressful event or experience. The measure was designed to be completed by an individual upon receiving a diagnosis of acute stress disorder (or clinically significant acute stress disorder symptoms) and thereafter, prior to follow-up visits with the clinician. Each item asks the individual receiving care to rate the severity of his or her acute stress disorder during the past 7 days.

#### Scoring and Interpretation

Scoring and Interpretation
Each item on the measure is rated on a 5-point scale (0=Not at all; 1=A little bit; 2=Moderately; 3=Quite a bit, and
4=Extremely). The total score can range from 0 to 28, with higher scores indicating greater severity of acute stress
disorder. The clinical in saked to review the score of each item on the measure during the clinical interview and
indicate the raw score for each item in the section provided for "Clinician use." The raw scores on the 7 items
should be summed to obtain a total raw score. In addition, the clinician is asked to calculate and use the average
total score. The average total score reduces the overall score to a 5-point scale, which allows the clinician to this
of the severity of the individual's acute stress disorder in terms of none (0), mild (1), moderate (2), severe (3), or
extreme (4). The use of the average total score was found to be reliable, easy to use, and clinically useful to the
clinicians in the SMS4-5 Field Trials. The average total score is calculated by dividing the raw total score by number
of items in the measure (i.e., 7).

Note: If 2 or more items are left unanswered, the total score on the measure should not be calculated. Therefore, the individual receiving care should be encouraged to complete all of the items on the measure. If 3 item is left unanswered, our are asked to calculate a prorated score. The prorated score is calculated by summing the scores of litems that were answered to get a partial raw score. Multiply the partial raw score by the total number of items on the NESS—Acute Stress Diocred (i.e., 7) and divided the value by the number of items that were accurately an accurate the partial raw score to Total Raw Score is:

## (Raw sum x 7) Number of items that were actually answered

If the result is a fraction, round to the nearest whole number.

Frequency of Use To track changes in the severity of the individual's acute stress disorder over time, the measure may be completed at regular intervals as clinically indicated, depending on the stability of the individual's symptoms and treatment status. Consistently high scores on a particular domain may indicate significant and problematic areas for the individual that might warrant further assessment, treatment, and follow-up. Your clinical judgment should guide your decision.

43

**Healthcare Provider Resiliency & Support** 

**Assessment: PTSD** 

https://www.ptsd.va.gov/professional/a ssessment/documents/PCL5\_Standard\_f orm.PDF

PCL-5

l	In the past month, how much were you bothered by:	Not at all	A little bit	Moderately	Quite a bit	Extremel
1	<ol> <li>Repeated, disturbing, and unwanted memories of the stressful experience?</li> </ol>	0	0	2	3	(4)
1	Repeated, disturbing dreams of the stressful experience?	0	0	2	3	(4)
-	<ol> <li>Suddenly feeling or acting as if the stressful experience wer actually happening again (as if you were actually back there reliving (t)?</li> </ol>		0	0	3	(4)
-	4. Feeling very upset when something reminded you of the stressful experience?	0	0	0	0	(4)
1	<ol> <li>Having strong physical reactions when something reminder you of the stressful experience (for example, heart pounding, trouble breathing, sweating)?</li> </ol>	0	0	0	3	(4)
1	<ol> <li>Avoiding memories, thoughts, or feelings related to the stressful experience?</li> </ol>	0	0	0	3	(4)
3	<ol> <li>Avoiding external reminders of the stressful experience (for example, people, places, conversations, activities, objects, o situations)?</li> </ol>	0	0	0	3	(4)
1	<ol> <li>Trouble remembering important parts of the stressful experience?</li> </ol>	0	0	0	3	(4)
9	<ol> <li>Having strong negative beliefs about yourself, other people or the world (for example, having thoughts such as: I am bad, there is something seriously wrong with me, no one can be trusted, the world is completely dangerous)?</li> </ol>	0	0	2	3	(4)
	10. Blaming yourself or someone else for the stressful experience or what happened after it?	0	0	0	3	(4)
1	<ol> <li>Having strong negative feelings such as fear, horror, anger, guilt, or shame?</li> </ol>	0	0	0	3	(4)
	12. Loss of interest in activities that you used to enjoy?	0	0	2	3	(4)
	13. Feeling distant or cut off from other people?	0	0	2	3	(4)
1	<ol> <li>Trouble experiencing positive feelings (for example, being unable to feel happiness or have loving feelings for people close to you)?</li> </ol>	0	0	0	3	(4)
	15. Irritable behavior, angry outbursts, or acting aggressively?	0	0	2	3	(4)
	16. Taking too many risks or doing things that could cause you harm?	0	0	0	3	(4)
	17. Being "superalert" or watchful or on guard?	0	0	0	(3)	(4)
	18. Feeling jumpy or easily startled?	0	0	2	3	(4)
1	19. Having difficulty concentrating?	0	0	2	(3)	(4)
1	20. Trouble falling or staying asleep?	0	0	2	(3)	(4)

### **Healthcare Provider Resiliency & Support Stage 2: Rapid Rapport Building** 2) Establish Convey humanity – connection, Rapidly establish a collaborative relationship authenticity · Rapport is facilitated by genuineness, respect and acceptance Use humor as appropriate · Use flexibility, positive mental attitude, resiliency, reinforcing small gains, good eye contact, creativity and nonjudgmental attitude Demonstrate acceptance, flexibility, and positivity Normalize negative coping – Attempts to regulate emotion/reactivity Model resiliency (Roberts & Ottens, 2005) 45

# Healthcare Provider Resiliency & Support Stage 3: Identify Crisis Precipitant



#### 3) Identify

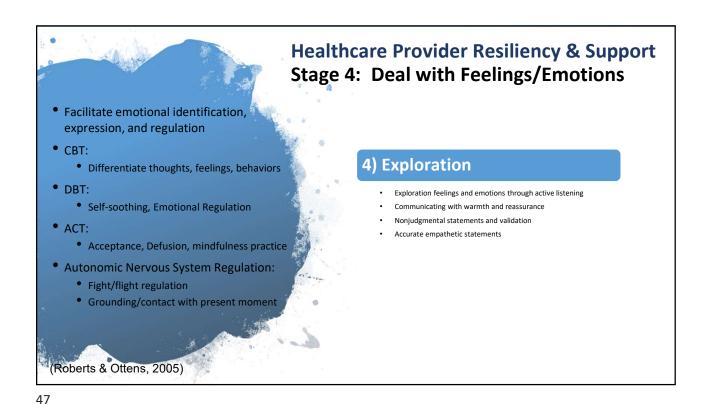
Identify the major problems, including what precipitated the crisis

- · What led to that person needing help
- Which problems to work on first
- · Determinations coping style



- Focused, brief therapy
- Specific functional therapeutic goals
- Aim to remediate acute distress symptoms

(Roberts & Ottens, 2005)



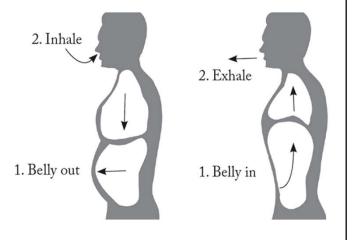
Healthcare Provider Resiliency & Support Stage 4: Deal with Feelings/Emotions

Anticipated Emotions

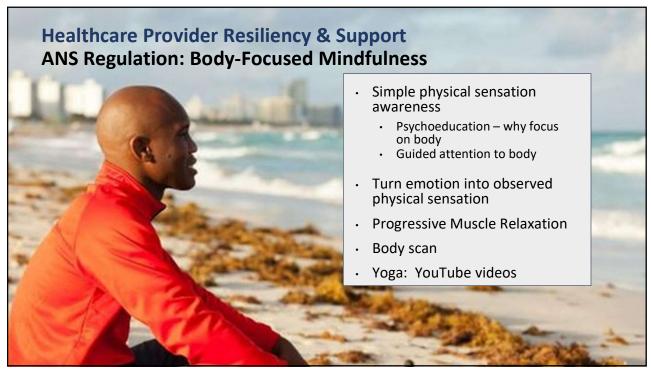
Worry, nervousness
Guilt and shame
Grief, sadness
Disillusionment/disgust/anger
Helplessness
Foreboding

# **Healthcare Provider Resiliency & Support ANS Regulation: Diaphragmatic Breathing**

- Counteracting fight/flight/freeze
  - Parasympathetic NS activation
  - Present-moment body focus
- Training tips:
  - Imagine belly is a balloon inflate the balloon
  - Start with small sips of air watch belly movement, increase volume as ready
  - Begin with exhale
  - Push belly out hard to feel diaphragm flex
  - Laying down is easier use book or box
  - Apply pressure with chest hand reminder to stay still



49



### **ANS Regulation: Grounding**

- Direct exit from emotional dysregulation
  - · Focus on immediate, external environment (HERE and NOW)
  - Focus on immediate safety/current integrity
  - Generate increased stimulation to turn attention to present moment



51

## Healthcare Provider Resiliency & Support ANS Regulation

#### 5-4-3-2-1 Technique

Using the 5-4-3-2-1 technique, you will purposefully take in the details of your surroundings using each of your senses. Strive to notice small details that your mind would usually tune out, such as distant sounds, or the texture of an ordinary object.



What are 5 things you can see? Look for small details such as a pattern on the ceiling, the way light reflects off a surface, or an object you never noticed.



What are 4 things you can feel? Notice the sensation of clothing on your body, the sun on your skin, or the feeling of the chair you are sitting in. Pick up an object and examine its weight, texture, and other physical qualities.



What are 3 things you can hear? Pay special attention to the sounds your mind has tuned out, such as a ticking clock, distant traffic, or trees blowing in the wind.



What are 2 things you can smell? Try to notice smells in the air around you, like an air freshener or freshly mowed grass. You may also look around for something that has a scent, such as a flower or an unlit candle.



What is 1 thing you can taste? Carry gum, candy, or small snacks for this step. Pop one in your mouth and focus your attention closely on the flavors.

# **Healthcare Provider Resiliency & Support ANS Regulation: Grounding Resources**

- https://www.therapistaid.com/worksheets/groundingtechniques.pdf
- https://www.winona.edu/resilience/Media/Grounding-Worksheet.pdf
- http://www.lifestonecenter.com/resources/Container K. Murray.pdf

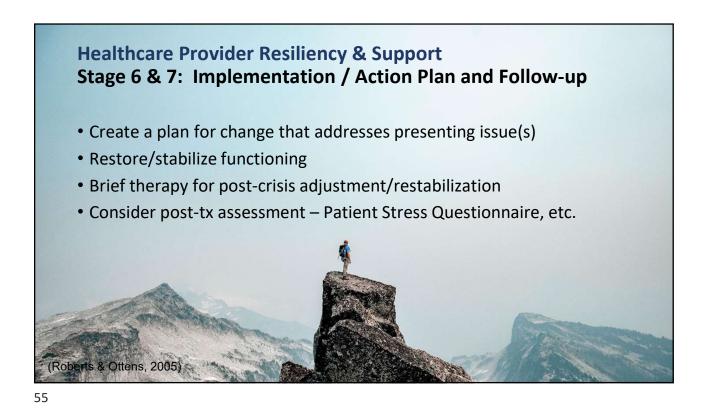
53

## Healthcare Provider Resiliency & Support Stage 5: Generate and Explore Alternatives (a.k.a. Interventions)

#### 5) Generate [Resiliency Building]

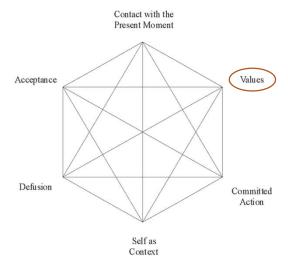
- Once emotionally regulated, generate new coping & resiliency building strategies
- CBT, DBT, ACT skills
- Explore to ensure the client's safety, MI, programs for treating chemical dependency



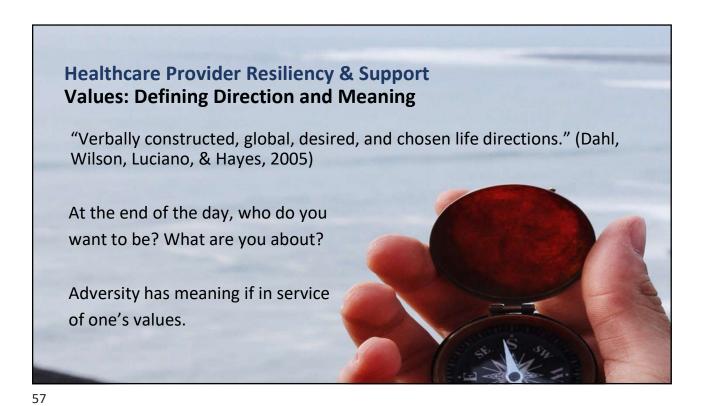


# Healthcare Provider Resiliency & Support Psychological Flexibility: A Model of Health Despite Adversity

"...the ability to experience thoughts, feelings, sensations, and memories without needless defense; as they are, not as what they say they are; and (based on what the situation affords) to persist or change in behavior in the service of chosen values."



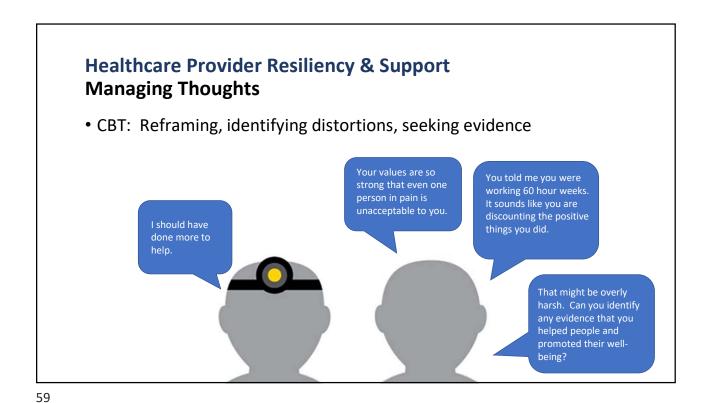
(Hayes & Lillis, 2012)



Healthcare Provider Resiliency & Support
Managing Thoughts

• Values as an anchor

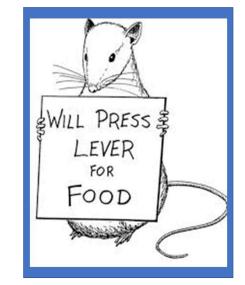
Caring for others is the most important thing to you. It makes sense you would want to do as much as possible.



**Healthcare Provider Resiliency & Support Managing Thoughts** · Values as an anchor • ACT: Acceptance, Defusion, Utility over Truth There's the "Not Enough" thought again! That's ok. It can hang out in your I notice that my mind brain while you turn your I should have keeps producing that attention elsewhere. thought. Thank you for done more to that thought, brain! That may or may not be TRUE, but is focusing on it HELPFUL for you now?

**Managing Behaviors** 

- Anchor in VALUES
- Build behaviors that promote positive coping/emotional regulation
- Challenge behaviors that promote destabilization
- Avoid avoidance
- Special importance of social connection



61

# **Healthcare Provider Resiliency & Support Self-Care/Resiliency Building Behaviors**

- Maintain or normalize routine
- Eat healthy food, drink enough water
- Limit alcohol, caffeine, other substance use
- Get outside

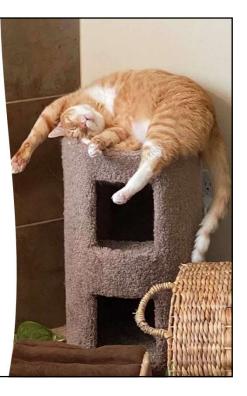
- Keep and prioritize social connections
- Pace yourself –take breaks
- Sleep Teach sleep hygiene, CBT-I
- Seek humor, change emotional tone
- Mindfulness practice



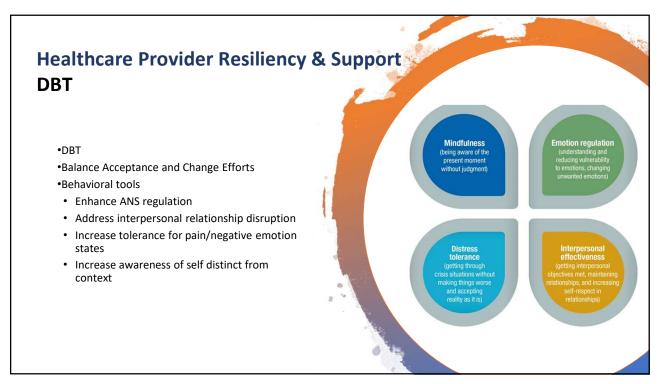
# Healthcare Provider Resiliency & Support Sleep / CBT-I

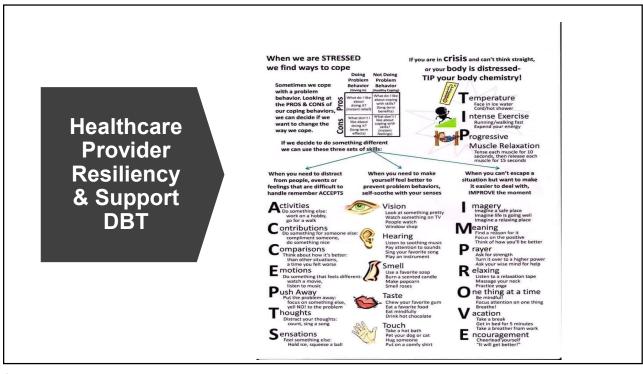
- · Sleep disruption is normal
- · Maintain routine
  - Keep "sleep window" try to go to sleep between 7 and 10:30 when cortisol is lowest
- · Turn off screens 1 hour before bed
- · Warm shower/bath 30-60 minutes before bed
- Try not to nap
- Get up after 20 minutes awake boring activity, no screens
- · Reinforce associations: Night is for sleep, bed is for sleep
- · Meditation tracks for sleep

https://www.med.unc.edu/neurology/files/2018/05/jdedingrCBTManual.pdf



63













## Healthcare Provider Resiliency & Support Avoidance vs Committed Action

- ACT, ERP: Avoidance is self-reinforcing
- Experiential avoidance = attempts to avoid contacting an unwanted experience, trying to control away the pain
- Committed action = Acting in service of values while accepting that pain, discomfort will occur.
- Practice small values-guided committed actions to learn to hold/accept/manage distress







# **Healthcare Provider Resiliency & Support Additional Resources**

- <a href="https://www.medpep.org/">https://www.medpep.org/</a>
- https://www.ptsd.va.gov/appvid/mobile/cbticoach\_app\_public.asp
- https://drive.google.com/file/d/117HY4z4mY5izJpR44ejuZ8rhTyoWEGEG/view
- <a href="https://www.crowdcast.io/caringforclinicians">https://www.crowdcast.io/caringforclinicians</a>
- https://www.cbtforinsomnia.com/
- https://www.youtube.com/watch?v=A3IDK2H-8oI&t=345s

73

## **Healthcare Provider Resiliency & Support**

## References

American Psychiatric Association, & Association, A. P. (2013). Diagnostic and Statistical
Manual of Mental Disorders (DSM-5®). Zaltbommel, Netherlands: Van Haren
Publishing

Buckwalter, G. (2011). My Definition of Resilience. Retrieved from https://www.headingtoninstitute.org/files/resiliencedefinition\_edited-copy\_74370.pdf

Caring for Yourself & During the COVID-19 Pandem ic: Managing Healthcare
Workers' Stress | The Schwartz Center. (2020, April 7). Retrieved April 18,
2020, from https://www.theschwartzcenter.org/webinar/caring-for-yourself-othersduring-the-covid-19-pandemic-managing-healthcare-workers-stress

Chen, Q., Liang, M., Li, Y., Guo, J., Fei, D., Wang, L., ... Zhang, Z. (2020). Mental health care for medical staff in China during the COVID-19 outbreak. The Lancet

Psychiatry, 7(4), e15—e16. https://doi.org/10.1016/s2215-0366(20)30078-x

Diamond, M. B., & Woskie, L. (2020, April 2). Covid-19: Protecting frontline healthcare workers—what lessons can we learn from Ebola? Retrieved from https://blogs.bmj.com/bmj/2020/03/25/healthcare-workforce-safety-and-ebola-in-thecontext.of/covid-19/

Faraz, S. (2020, April 4). Health care workers face a mental health crisis as they battle the coronavirus pandemic. Retrieved October 4, 2020, from https://www.enn.com/2020/04/04/opinions/mental-health-crisis-coronavirusfaraz/index.html

### References

Greenberg, N., Docherty, M., Gnanapragasam, S., & Wessely, S. (2020). Managing mental health challenges faced by healthcare workers during covid-19 pandemic. BMJ, m1211. https://doi.org/10.1136/bmj.m1211

Guy, J. D. (2020). Moral Injury: What it is and how to recover. Retrieved from https://headington-institute.org/files/aa--moral-injury\_771.45.pdf

Harvard Health Publishing. (2010, February 1). Mental health problems in the workplace. Retrieved April 10, 2020, from

 $https://www.health.harvard.edu/newsletter\_article/mental-health-problems-in-the-workplace\\$ 

Hayes, S. C., Strosahl, K. D., & Wilson, K. G. (2011). Acceptance and Commitment Therapy, Second Edition. New York, NY: Guilford Publications.

Headington Institute | Topic Areas | Resilience. (n.d.). Retrieved April 18, 2020, from https://headington-institute.org/topic-areas/123/resilience

Johnson, S. M. (2018). Attachment Theory in Practice. New York, NY: Guilford Publications.

Lai, J., Ma, S., Wang, Y., Cai, Z., Hu, J., Wei, N., ... Hu, S. (2020). Factors Associated With Mental Health Outcomes Among Health Care Workers Exposed to Coronavirus Disease 2019. JAMA Network Open, 3(3), e203976. https://doi.org/10.1001/jamanetworkopen.2020.3976

75

## **Healthcare Provider Resiliency & Support**

### References

McKinnon, M., Lanius, R., & Jetly, R. (2020, April 17). Amid this mortal crisis, health workers are also facing moral wounds. Retrieved April 19, 2020, from https://www.theglobeandmail.com/opinion/article-amid-this-mortal-crisis-health-workers-are-also-facing-moral-wounds/

Perry, B. D. (1999). Memories of Fear: How the Brain Stores and Retrieves Physiologic States,
Feelings, Behaviors and Thoughts from Traumatic Events. In Splintered Reflections:
Images of the Body in Trauma. Amsterdam, Netherlands: Adfo Books.

PsychScene Hub. (2020, April 11). Mental health challenges for healthcare workers during the covid-19 pandem ic. Retrieved April 12, 2020, from https://www.youtube.com/watch?time\_continue=26&v=Ee\_PUWwQGqs&feature=emb\_

Responding to Trauma: Crisis Intervention Models. (2016, August 8). Retrieved April 15, 2020, from https://online.grace.edu/news/human-services/crisis-intervention-models/

Roberts, A. R., & Ottens, A. J. (2005). The Seven-Stage Crisis Intervention Model: A Road Map to Goal Attainment, Problem Solving, and Crisis Resolution. Brief Treatment and Crisis Intervention, 5(4), 329–339. https://doi.org/10.1093/brief-treatment/mbi030

Robertson, C., & Gebeloff, R. (2020, April 18). How millions of women became the most essential workers in America. Retrieved April 18, 2020, from https://www.boston.com/news/national-news-2/2020/04/18/women-essential-workers-us data

# **Healthcare Provider Resiliency & Support References**

Rosenberg, A. R. (2020). Cultivating Deliberate Resilience During the Coronavirus Disease 2019 Pandemic. JAMA Pediatrics. https://doi.org/10.1001/jamapediatrics.2020.1436

Saunders. (2017, August 15). Crisis and Disaster. Retrieved April 14, 2020, from https://slideplayer.com/slide/9879958/

Selye, H. (1956). The stress of life. New York, United States: McGraw-Hill Education.

Shanafelt, T. D., Schein, E., Minor, L., Trockel, M., Schein, P., & Kirch, D. (2019). Healing the Professional Culture of Medicine (94(8)). Retrieved from https://www.mayoclinicproceedings.oru/article/S0025-6196(19)30345-3jpdf

Shanafelt, T., Ripp, J., & Trockel, M. (2020). Understanding and Addressing Sources of Anxiety Among Health Care Professionals During the COVID-19 Pandemic. JAMA. https://doi.org/10.1001/jama.2020.5893

Siebert, A. (2005). The Resiliency Advantage. San Francisco, CA: Berrett-Koehler.

Simon, C. (2020, March 26). Chan School session breaks down ways to ease stress. Retrieved April 19, 2020, from https://news.harvard.edu/gazette/story/2020/03/chan-school-session-breaks.down.ways.do.ease.artess/

Su, T., Lien, T., Yang, C., Su, Y., Wand, J., Tsai, S., & Yin, J. (2007). Prevalence of psychiatric morbidity and psychological adaptation of the nurses in a structured SARS caring unit during outbreak: A prospective and periodic assessment study in Taiwan. Journal of Psychiatric Research, 41(1–2), 119–130.

https://doi.org/10.1016/6.insychiusy.2005.12.006

Syracuse University. (n.d.). What is Moral Injury - The Moral Injury Project. Retrieved April 19, 2020, from https://moralinjuryproject.syr.edu/about-moral-injury/

Tseng, V. (2020, March 30). Victor Tseng on. Retrieved April 13, 2020, from https://twitter.com/VectorSting/status/1244671755781898241

Video of Adrienne Johnson. (n.d.). Retrieved April 12, 2020, from https://www.linkedin.com/posts/jennifer-van-rensburg-a65277100\_a-nurses-prayer-ugcPost 6655389890210996224-llat

77

# **Healthcare Provider Resiliency & Support References**

Volunteers of America. (n.d.). The Shay Moral Injury Center, Moral Injury . Retrieved April 19, 2020, from https://www.voa.org/moral-injury-war-inside

Yeager, K. R., & Roberts, A. R. (2003, March 1). Differentiating Among Stress, Acute Stress

Disorder, Crisis Episodes, Trauma, and PTSD: Paradigm and Treatment Goals --

Yeager and Roberts 3 (1): 3 -- Brief Treatment and Crisis Intervention. Retrieved

April 4, 2020, from

http://triggered.edina.clockss.org/ServeContent?rft\_id=info:doi/10.1093/brief-

Zhang, C., Yang, L., Liu, S., Ma, S., Wang, Y., Cai, Z.,  $\dots$  Zhang, B. (2020). Survey of

Insomnia and Related Social Psychological Factors Among Medical Staff Involved in

the 2019 Novel Coronavirus Disease Outbreak. Frontiers in Psychiatry, 11.

https://doi.org/10.3389/fpsyt.2020.00306

•	79		