# The Two-Way Street of Mental Health and Cancer

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## **Conflicts of Interest / Disclaimers**

I have no conflicts of interest

I have no financial relationships to disclose

Information presented today is based on research and clinical experience



## **Conflicts of Interest / Disclaimers**

I volunteer with ATTH in the following ways:

- Speaking engagements
- Facilitator for Navigating Brain Fog Class
- As-needed consultation
- Member of the Board of Directors

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# **Objectives / Overview**

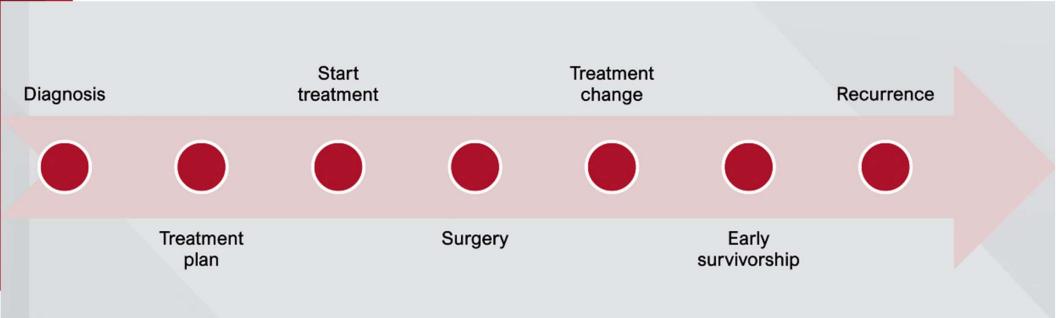
Describe the mental health challenges that can result from a cancer diagnosis, cancer treatment, and survivorship

Describe how mental health symptoms can impact physical health

Describe multiple ways to improve mental health throughout all phases of the cancer process

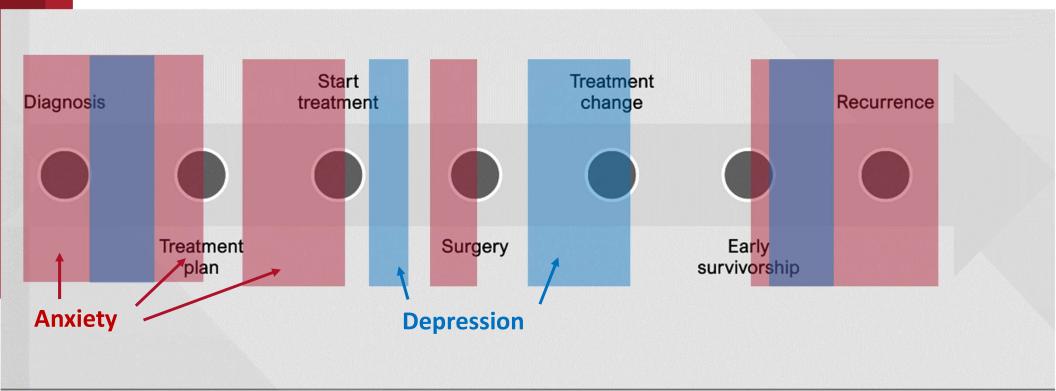


Distress can develop at any time through the process



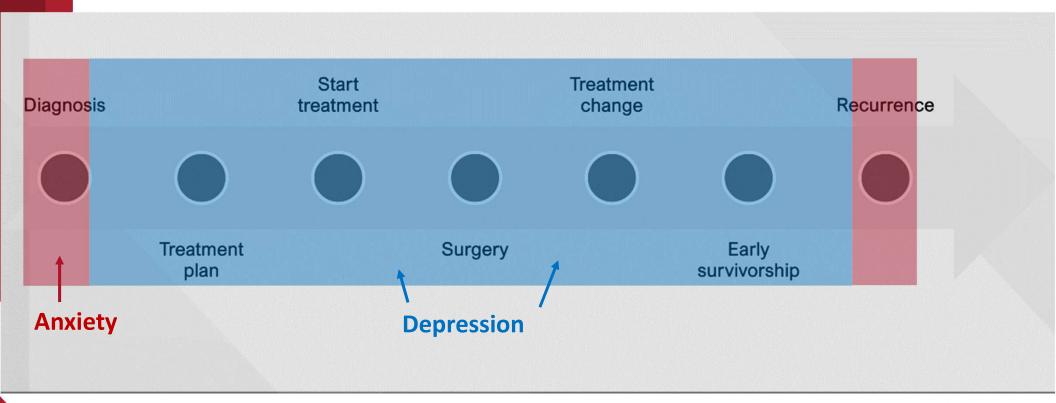


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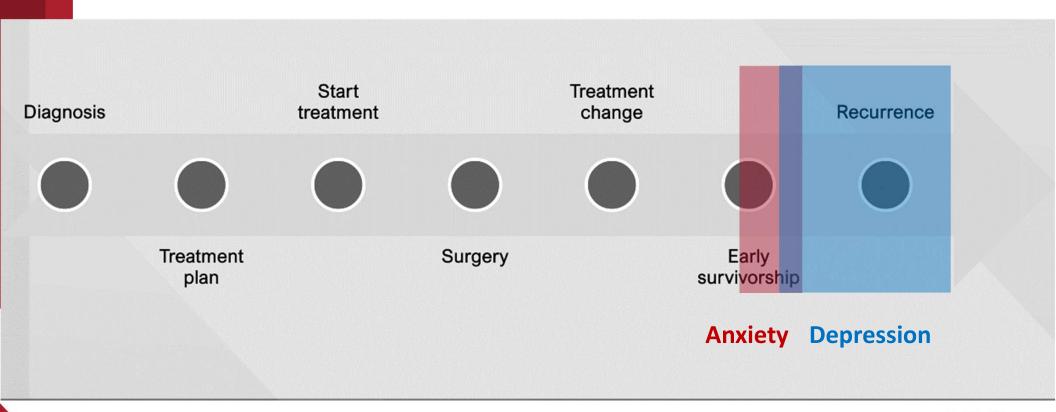


And can be different for different people





And can be different for different people





## **Distress and Cancer**

How common is distress in cancer?

One study found that over **90**% of people (calling a cancer information hotline) were experiencing distress (Kirk et al., 2021)

Most common forms of distress include worry, fears, sadness, and sleep problems



# **Anxiety - Symptoms**

Nearly **50**% of cancer survivors experience anxiety (Hashemi et al., 2020)

#### **Physical**

- Rapid breathing/shortness of breath (respiratory), nervousness (GI symptoms), muscle tension (pain), dizziness, increased heart rate
- Panic attacks extreme version



# **Anxiety - Symptoms**

#### Worry ("What if...")

- Difficult to control
- Self-reinforcing
- Attempt to increase sense of control
- Attempt to manage uncertainty



# **Anxiety - Causes**

Uncertainty about the future

Loss of control

Loss of autonomy

Fear of recurrence / progression



## **Depression - Definition**

Change in mood (sad, tearful, irritable, frustrated), decreased energy, low motivation, lack of enjoyment

Up to 60% of people going through cancer can experience depression (Mitchell et al., 2011)



## **Depression - Causes**

Loss of independence, loss of functioning, loss of control, change in plans/goals, feeling like a burden, bittersweet events, grieving for the future

Inactivity (physical limitations, retirement) leads to depressed mood, lowered motivation

Chronic physical distress (pain, nausea, fatigue)



## **Depression - Causes**

"I worked my whole life to be able to enjoy retirement, and now this..."

"I had just moved out from my parents' house and started a job, and now I'm back"

"I want to see my grandchildren grow up"

"I don't think I'll ever feel like myself again"

"I did everything right, didn't smoke, didn't drink, exercised every day"

"I couldn't even enjoy Christmas because I kept thinking 'how many of these do I have left?"



#### Symptoms of Major Depressive Disorder:

- Depressed mood most of the day, every day
- Loss of interest in activities
- Worthlessness or guilt
- Suicidal thoughts
- Weight or appetite changes
- Sleep changes (more or less)
- Fatigue
- Concentration difficulties
- Restlessness or lethargy



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Appear unmotivated / reduced engagement in even low impact activity

"What's the point?"

Lack of positive emotion ("flat" / "numb")

Hopelessness

Even those at end-of-life have hope

Suicidal thoughts



# Insomnia - Symptoms

Difficulty falling asleep or staying asleep that causes distress or impairment

Around 60% of cancer survivors have sleep difficulty at some point (Savard et al., 2011)



# Insomnia - Symptoms

Difficulty falling asleep

Negative thoughts, anxiety

Frequent wakenings / early wakenings

- Why (nightmares, bathroom, random?)
- How long to get back to sleep

Medical conditions should be ruled out (OSA, RLS, discomfort after surgery)



## Insomnia - Causes

#### Most common (general population)

- Unknown cause (25%)
- Family stressors (23%) separation, grief
- Health issues (23%) pain, illness, restless legs
- Work / school (17%) stress, night shifts
- Distress (12%) depression, anxiety, substance use



## Insomnia - Causes

Negative thoughts/emotions develop

Bed becomes associated with tossing and turning, frustration, and insomnia

Attempts to fix sleep backfire (changing bed/wake times, increased caffeine, alcohol use, napping, trying to "catch up")



# **Consequences of Untreated Distress**



## **Untreated Distress**

#### One form of distress can worsen others

- Anxiety can cause poor sleep
- Poor sleep can increase anxiety (vicious cycle)

#### Distress can cause

- Difficulty focusing
- Poor social functioning
- Worsened quality of life
- Increased health problems
- Reduced length of life



# Treating Cancer-Related Distress



# **Anxiety – Treatment**

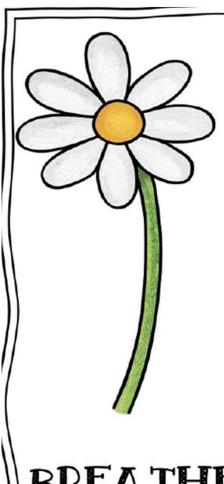
#### Relaxation training

 Deep breathing, muscle relaxation, imagery, counting breaths, etc.

#### Triaging worries

- Controllable (take action) vs uncontrollable (next step)
  - Write down, discuss, and/or accept



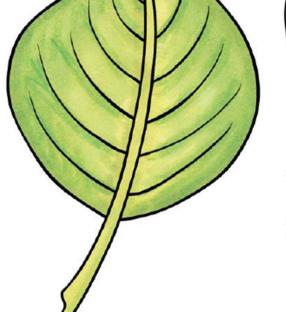


## BREATHE IN

Pretend you are smelling a flower.

# BREATHE OUT

Pretend you are blowing a leaf.





# **Worry - Treatment**

#### Triaging worries

- Determine what is controllable vs uncontrollable
  - Controllable: Make a plan, delegate or take action
  - Uncontrollable: "I will cross that bridge"
- Write down, talk about them, and/or distance
- Distancing: My mind is worried about my health because my health matters to me. Is there anything I can do to help me feel healthy today?



## **Depression – Treatment**

#### **Behavioral Activation**

- Motivation may not 'just come back'
- "Do more, feel better"
- Hardest part: getting started
- Work around new limitations
  - High/low impact
  - Enjoyable/important
- Approximate values/goals/roles that cannot be achieved at this time



# **Depression – Treatment**

#### Behavioral Activation

 Trying to break down values into smallest building blocks, and applying them to new, flexible areas of the patient's life



# Staying Engaged

We feel best when we are engaged in valued areas

#### Relationships

Reach out to friend

#### Health

Take a walk once per day

#### Spirituality

Get back to church

#### Work

Consider returning when ready

#### Hobbies / interests / purpose

· Get back to sewing



## **Depression – Treatment**

CEO forced to retire because of his health now works as a part-time consultant for struggling companies

Nature photographer facing 3-week hospitalization spent the time editing / organizing his albums in hospital

Small business owner forced to sell started teaching business classes at local community college



## Insomnia - Treatment

#### Neutralize sleep-related cognitions

- "The more I focus on calming myself, the better chance I will sleep"
- "I may be tired tomorrow, but I will be okay"
- "It takes time for sleep to improve"
- "Even if I have a bad night, it can teach me what works and what doesn't"



## **Insomnia - Treatment**

#### Neutralize sleep-related cognitions

- The effects of sleep loss are often subtle & inconsistent
- It's possible that changes attributed to sleep loss are related to stress instead
- In other words, stress could be just as disruptive to health and performance than sleep loss



## Insomnia - Treatment

#### Practice good Sleep Hygiene

- Maintain consistent bed/wake times, routines
- Ensure a comfortable environment
- Get out of bed when not sleeping,
- Reappraise thoughts
- Use relaxation
- Avoid substances, big meals, excessive naps

Make small changes and stick with them for multiple days



## **How To Find Help**

Use evidence-based coping skills outlined above

Your medical centers may have behavioral health providers who specialize in cancer care

Psychology Today website has therapist options

Helpful even if they do not specialize in cancer

Educational programming (A Time To Heal!!) is widely available and often free

Support Groups - in-person or online



## **Medications**

Something you take regularly (SSRI, SNRI) will be better in the long term than something you take as needed

- Escitalopram (Lexapro), duloxetine (Cymbalta), venlafaxine (Effexor), and vortioxetine (Trintellix)
- Trazodone for sleep (or melatonin OTC)

Will have to weigh your desire for improvement vs frustration of adding on a medication

Medications have been deemed safe and effective for those dealing with cancer (Zhao et al., 2024)



## Summary

Distress is common in cancer

Distress can cause additional problems if untreated

There are many effective treatment options available (formal and informal)

- Engage in relaxation regularly
- Manage your worries
- Stay engaged in valued activities
- Get more help if needed



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