

# Interprofessional Geriatrics Training Program

## The Dying Process



# Acknowledgements

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## The Dying Process: Social and Personal Context

- Death is a universal experience, yet the dying process can be upsetting and unfamiliar
- Health care professionals are deeply ingrained in the person's dying process and clinicians should remember:
  - Each person's death is unique
  - Each person has their own understanding, views, and attitudes toward death
  - Personal attitudes toward death may change over the lifespan

## Learning Objectives

Upon completion of this module, learners will be able to:

1. Discuss death and dying in a social, cultural, and personal context
2. Describe the four domains of comfort care at the end of life
3. Identify non-pharmacologic and pharmacologic approaches to managing symptoms and issues of dying
4. List the signs of impending death
5. Recognize *The Conversation* instructions for end of life decisions
6. Summarize the value of the clinician's *Pause*, including how it can be applied to your practice

# Culture and Diversity

## The Dying Process: Culture and Diversity

- Cultural, spiritual, and religious beliefs [not in narration] and other contributing factors may affect the way patients and their families respond to death and the process of dying
  - Understand differences *between* and *within* different social groups



# Culturally Relevant Issues

# The Dying Process: Culture and Diversity

- Health providers and caregivers need to consider the following culturally relevant issues:
  - The patient and family's perspectives on:
    - Death and dying
    - Health and suffering
    - Hospice and palliative care services
    - Acceptance of Western health care practices
    - Use of alternative traditional practices



# The Dying Process: Culture and Diversity

- Health Providers and caregivers need to consider the following culturally-relevant issues (continued):
  - The roles of:
    - Spiritual and religious beliefs and practices
    - Family, including who is considered part of the family
    - The patient in problem-solving and the process of decision-making
  - How the patient and family communicates includes the need for an interpreter or culturally-relevant terminology around illness and dying

# Perspective

## Death and Dying: Our Own Perspective

- Consider how our own personal experiences of death and the dying process may affect how we interact with patients and their end of life decisions
- Be aware of our own personal and professional beliefs about the dying process and end of life decisions
- Consult with others regarding the degree to which your attitudes, values, and beliefs could affect or bias the care you provide around death and dying

## Stages of Death and Dying

- *On Death and Dying* by Elisabeth Kübler-Ross, MD, (1969) was a seminal work increasing our understanding of how people cope with and adjust to the reality of death and the dying process
- The book is based on numerous conversations with dying individuals
- Five Stages of Grief:
  - Denial
  - Anger
  - Bargaining
  - Depression
  - Acceptance

# Comfort Care

## Comfort Care: Approach to Death and Dying

- Comfort care is an essential part of medical care at the end of life
  - Helps or soothes a person who is dying
  - Goal: Prevent or relieve suffering as much as possible, while respecting the dying person's wishes

## Comfort Care Domains

- Comfort care near the end of life is comprehensive and addresses various domains:
  - Physical comfort
  - Mental and emotional needs
  - Spiritual issues
  - Practical tasks

## Assessment Question 1

***Which of the following domains should be addressed when providing comprehensive comfort care to a dying patient?***

- a) Emotional
- b) Physical
- c) Practical
- d) Spiritual
- e) All of the above



## Assessment Question 1: Answer

*Which of the following domains should be addressed when providing comprehensive comfort care to a dying patient?*

a) Emotional

b) Physical

c) Practical

d) Spiritual

**e) All of the above (Correct Answer)**

# Physical Comfort Care

# Physical Comfort Care: Pain

## Non-Pharmacologic Approaches

**Light massage** (Hokka et al., 2014)

**Cognitive-behavioral therapies (CBT):**

- **Relaxation techniques** (Hokka et al., 2014)
- **Guided imagery** (Hokka et al., 2014)
- **Music therapy** (Teut et al., 2014)
- **Prayer or meditation**  
(Buck & Meghani, 2012)

## Pharmacologic Approaches

**NSAIDs** (Campbell, 2015)

**Antidepressants** (Campbell, 2015)

**Neuroleptics** (Campbell, 2015)

**Corticosteroids** (Campbell, 2015)

**Opioids:** (Campbell, 2015)

- **Opioid naïve patients –  
Morphine 5 mg IV = 15 mg PO**

## Physical Comfort Care: Nausea

Non-Pharmacologic Approaches	Pharmacologic Approaches
<p>Avoid foods with strong odors (Bischoff &amp; Renzer, 2006)</p>	<p>Prochlorperazine 10 mg IV/PO q6h PRN (Ishiguro et al., 2013)</p>
<p>Avoid fried/fatty foods (Bischoff &amp; Renzer, 2006)</p>	<p>Metoclopramide 10 mg IV/PO q6h PRN (Lindqvist et al., 2013)</p>
<p>Take most meds (except antiemetics) after eating (Bischoff &amp; Renzer, 2006)</p>	<p>Haloperidol 1 mg IV/PO q6h PRN (Lindqvist et al., 2013)</p>

# Physical Comfort Care: Constipation

## Non-Pharmacologic Approaches

Encourage fluid or fiber intake as appropriate

Activity as tolerated

## Pharmacologic Approaches

Docusate Sodium 300 mg/daily

(Campbell, 2015)

Senna 8.6 mg bid (Campbell, 2015)

Polyethylene Glycol 17 gm daily

(Campbell, 2015)

Bisacodyl Suppository 10 mg PRN

(Campbell, 2015)

# Physical Comfort Care: Dyspnea (Difficulty Breathing)

## Non-Pharmacologic Approaches

Comfortable positioning (Campbell, 2015)

Relaxation exercises: Prayer, meditation, or music (Pan et al., 2000)

Use a fan (Kamal et al., 2012)

Alleviate dry mouth (Labori et al., 2006)

Supplemental oxygen [not on narration] (Campbell, 2015)

## Pharmacologic Approaches

For opioid naïve patients

- Morphine 5 mg PO or 2 mg IV q1h PRN (Campbell, 2015; Sandvik et al., 2016)

For opioid tolerant patients

- Use current PRN medication

Goal is respiratory rate (RR) < 22

## Physical Comfort Care: Anorexia and Feeding Problems

- Symptoms that provoke the greatest distress in the last week of life include anorexia, fatigue, and cachexia
- Family members may be more concerned than the patient about anorexia
- Beliefs about feeding: improves quality of life, can help the illness, and increases lifespan

### **Reality**

- Artificial hydration may increase suffering with pulmonary secretions, urinary output, nausea, vomiting, and edema
  - Oral intake naturally decreases as death nears; lack of water increases endogenous opiates
  - Decreased appetite is a normal part of the dying process, allay fears of “starving to death”

## Physical Comfort Care: Feeding Problems

Feeding Problems	Approaches
<b>Early satiety</b> (Ribera-Casado, 2014)	Offer small, frequent meals, use salad plate/saucer, keep favorite foods on hand, offer sips and nibbles
<b>Difficulty swallowing</b> (Buning & Bullock, 2015)	Provide mouth care, swabs
<b>Patient hungry</b> [addressed in upcoming narration]	Provide thickened liquids, yogurt, and ice cream
<b>Nausea or vomiting</b> (Bischoff & Renzer, 2006)	Eliminate offending foods, tastes, and smells Provide cold or room temperature foods, bland foods, and avoid eating or drinking 1-2 hours after vomiting



## High Quality Alternative to Tube Feeding: Intensive Individualized Comfort Care

- Perception by family that health care staff lack concern and their family member is “starving to death” often leads to inappropriate use of feeding tubes
- The frequently used phrase “comfort measures only” implies that care is being limited or diminished
- Likewise, the more recent term “comfort feeding only” suggests that the quality of meals and assistance provided will be limited or lessened in some

## High Quality Alternative to Tube Feeding: Intensive Individualized Comfort Care

- Instead, Dr. Ruth Palan-Lopez (2012) proposes that family members be provided with the option of “intensive individualized comfort care”
- Aims of this paradigm of care are to aggressively seek and attain comfort to meet individual patient needs and provide family member support

## High Quality Alternative to Tube Feeding: Intensive Individualized Comfort Care

- Applying the principles of intensive individualized comfort care to this larger view of mealtimes, Dr. Palan-Lopez (2012) suggests that three components of mealtime should be addressed within the context of meals as a shared experience: past, present, and future
- Those implementing intensive individualized comfort care for mealtimes should encourage family members to provide information about food preferences, values and beliefs, and cultural background to create individualized meal plans
- They should use familiar foods, flavors, and rituals as a means of remaining connected to the individual and maintaining their familial relationships, while little emphasis should be placed on weighing or counting calories

## Physical Comfort Care: Other Physical Symptoms

- Fever and headache
  - Acetaminophen 650 mg PO/PR q4h PRN
- Upper airway secretions
  - Scopolamine patch q72h (Lindqvist et al., 2013)
  - Glycopyrrolate 0.2-0.4 mg IV q6h PRN (Lindqvist et al., 2013)
- Dry eyes
  - Ocular lubricant ointments, as directed
- Insomnia
  - Zolpidem 5 mg nightly PRN (MacFarlane et al., 2014)
  - Lorazepam 0.5 mg IV/PO nightly PRN (Lindqvist et al., 2013)
  - Behavioral approaches: relaxation, environmental changes, etc. [not in narration]

## Mental and Emotional Needs

## Comfort Care: Mental and Emotional Needs

- Each person and his/her family will have a unique response to illness and impending death
  - Nature of the illness
  - Past experience with death
  - Stage of the life cycle
  - Coping skills/past coping
  - Cultural values
  - Family structure and support
  - Spirituality/religious resources
  - Other stressors [not in narration]



# Comfort Care: Mental and Emotional Needs

## Behavioral Approaches

Validate feelings (Chochinov et al., 2005)

Increase opportunities for control

Treat underlying symptoms

(Dy et al., 2008)

Chaplaincy, social worker, or  
psychiatric consult

(Haley et al., 2003)

## Pharmacologic Approaches

Lorazepam 0.5 mg IV/PO q6h PRN

(Lindqvist et al., 2013)

Clonazepam 0.5 mg q8h PRN

(Lindqvist et al., 2013)

## Comfort Care: Mental and Emotional Needs

- Common issues patients confront during the dying process:
  - Coming to an understanding of the meaning of the illness (Breitbart et al., 2004)
  - Loss of dignity or function (Chochinov et al., 2005)
  - Dependency or becoming a burden to others (Chochinov et al., 2005)
  - Fear and anxiety (Chochinov et al., 2005)
  - Loss of control of self (Chochinov et al., 2005)
  - Death itself (Chochinov et al., 2005)



# Comfort Care: Mental and Emotional Needs Agitation

## Non-Pharmacologic Approaches

Keep room dark during the night

(Barr et al., 2013)

Reduce external stimuli

(Barr et al., 2013)

Reorient as needed

(Irwin et al., 2013; Martinez et al., 2012)

Talk softly and calmly; explore and address unmet needs

(Einang Alnes et al., 2011)

Keep familiar objects in the room

(Martinez et al., 2012)

Avoid physical restraints

(Skrobik, 2011)

## Pharmacologic Approaches (not all with an approved indication)

Haloperidol 1-2 mg IV/PO q6h

(Campbell, 2015; Sandvik et al., 2016)

Olanzapine 2.5 mg-5 mg nightly

(Campbell, 2015)

Chlorpromazine 25-50 mg q6h

(Lindqvist et al., 2013)

Lorazepam 0.5-1 mg q6h (use with caution)

(Campbell, 2015; Sandvik et al., 2016)

# Spiritual Issues

# Comfort Care: Spiritual Needs Anticipatory Grief and Family Issues

## **Anticipatory Grief**

“Encompassing the process of mourning, coping, interaction planning, and psychosocial reorganization that are stimulated and begin in part in response to the awareness of the impending loss of a loved one and recognition of associated losses in the past, present, and future”

## Comfort Care: Spiritual Needs Anticipatory Grief and Family Issues

Anticipatory grief allows families to prepare for the death of their loved one

- Allows the idea of the loss of the person to “sink in”
- Families may address unresolved interpersonal issues as necessary
- Provides time for planning for funerals
- Allows the process of adjustment and healing to begin

# Comfort Care: Spiritual Needs Grief and Healing After the Loss of a Loved One

- Bereavement affects people in numerous ways, including behaviorally, cognitively, interpersonally, emotionally, physically, and spiritually (Shear et al., 2013)
- Key elements of the mourning process:
  - Accepting the reality of the loss
  - Processing the pain of grief
  - Adjusting to an environment without the deceased
  - Withdrawing emotional energy from the deceased and investing it in other relationships (Worden, 2009)



## Comfort Care: Spiritual Needs Grief, Mourning, and Bereavement

- Grief: Emotional reaction to loss
- Mourning: Process of adjusting to the void created by the loss
- Bereavement: The period after a loss when grief is experienced and mourning takes place
- Losses occur during the entire dying process, not only at the moment of death



## Assessment Question 2

***Clara is a 68-year-old woman in hospice who repeatedly expresses anxiety about dying out of fear of God's punishment for her past misdeeds. To help Clara, you might consider:***

- a) Telling Clara that her fears are unfounded
- b) Asking Clara if she would like to speak with a Chaplain
- c) Sharing your own fears of death with Clara
- d) Suggesting to Clara that she pray for forgiveness
- e) None of the above is an appropriate response

## Assessment Question 2: Answer

*Clara is a 68-year-old woman in hospice who repeatedly expresses anxiety about dying out of fear of God's punishment for her past misdeeds. To help Clara, you might consider:*

- a) Telling Clara that her fears are unfounded
- b) Asking Clara if she would like to speak with a Chaplain  
(Correct Answer)**
- c) Sharing your own fears of death with Clara
- d) Suggesting to Clara that she pray for forgiveness
- e) None of the above is an appropriate response



# Practical Tasks

## Comfort Care: Practical Tasks

### End of Life Decisions – *The Conversation Project*

#### What Do People Want at the End of Life?

- 90% of respondents said it was important to discuss end of life care with loved ones, but only 27% have actually done so (Conversation Project Survey, 2013)
- 82% of respondents said it was important to put their wishes in writing, but only 23% have actually done it (California Healthcare Foundation, 2012)

## Practical Tasks: End of Life Decisions – *The Conversation Project*

- *The Conversation Project* from the Institute for Healthcare Improvement (IHI)
  - Goal of *The Conversation Project*: To ensure that everyone's end of life wishes are expressed and respected
  - Includes step-by-step instructions for how to consider and discuss crucial end of life issues

<http://theconversationproject.org/>

## Assessment Question 3

***The goal of The Conversation Project from the Institute for Healthcare Improvement (IHI) is to:***

- a) Ensure everyone's end of life wishes are expressed and respected
- b) Have a conversation about the family's values and wishes
- c) Allow the provider to voice his/her opinion about clinicians' end of life values
- d) Discuss the costs of end of life care

## Assessment Question 3: Answer

*The goal of The Conversation Project from the Institute for Healthcare Improvement (IHI) is to:*

- a) Ensure everyone's end of life wishes are expressed and respected (Correct Answer)**
- b) Have a conversation about the family's values and wishes
- c) Allow the provider to voice his/her opinion about clinicians' end of life values
- d) Discuss the costs of end of life care

# Practical Tasks

# Practical Tasks: Communication

## Effective Communication is Essential to End of Life Care

- Listening is key to understanding the patient's wishes, concerns, fears, etc.  
(Sinuff et al., 2015)
- Honesty is important (Sinuff et al., 2015)
- Be willing to talk about death (Sinuff et al., 2015)
- Be sensitive in delivering bad news to the patient and the family  
(Rollins & Hauck, 2015)

# Practical Tasks: End of Life Decisions

## **Advanced Directives**

- **Living Will:** Allows a person to put into writing wishes about medical treatments for the end of life in the event that they cannot communicate these desires directly
- **Health Care Power of Attorney:** Also called a “health care proxy,” a person designated by the patient to make health care-related decisions in the event that the patient is incapacitated



# Practical Tasks: End of Life Decisions

## Advanced Directives

- Valid in all 50 states and become effective immediately
- No attorneys are needed for advanced directives, but some states have their own particular wording

[www.caringinfo.org](http://www.caringinfo.org)

# Advanced Directives: POLST

## **Advanced Care Planning Using a Medical Order**

- Provider Order for Life-Sustaining Treatment (POLST)
- POLST is a medical order that **MUST** be followed
- Opportunity to discuss other options:
  - IV solutions
  - Feeding tubes
  - Pain medications
  - Hospice treatment
- In addition to MDs, [not in narration] it gives PAs, APNAs, and senior medical residents the power to sign the medical directive

# Advanced Directives: POLST

## Advanced Care Planning Using a Medical Order (Continued)

- [www.polstil.org](http://www.polstil.org)
- Find your state program: <http://www.polst.org/programs-in-your-state/>

## Assessment Question 4

***A living will is an important document in end of life care because it:***

- a) Provides information about the patient's wishes regarding medical treatment
- b) Tells the patient's survivors how to dispense the patient's assets upon death
- c) Can serve as a reference if the patient is uncommunicative
- d) All of the above
- e) Options a and c only

## Assessment Question 4: Answer

***A living will is an important document in end of life care because it:***

- a) Provides information about the patient's wishes regarding medical treatment
- b) Tells the patient's survivors how to dispense the patient's assets upon death
- c) Can serve as a reference if the patient is uncommunicative
- d) All of the above

**e) Options a and c only (Correct Answer)**

# Practical Tasks

## Practical Tasks: End of Life Decisions – *Five Wishes*

### ***Five Wishes* Document**

- Recognized as meeting legal requirements for advanced directives in 42 states
- In the other 8 states it can be attached to the state's form
- Uses everyday language to guide the user through the process of specifying end of life wishes — personal, spiritual, medical, and legal
- Useful tool for family discussions
- Copyrighted

## Practical Tasks: End of Life Decisions – *Five Wishes*

### ***Five Wishes***

- Wish 1: *The person I wish to make decisions for me when I can't make them for myself*
  - Health care power of attorney who can interpret the instructions based on his/her understanding of the patient's wishes
- Wish 2: *My wish for the type of medical treatment I want or don't want*
  - Allows the person to define what “life support treatment” means to him/her
  - Expresses general instructions for health care providers and caregivers
  - Can be tailored to specific health statuses, such as coma or has severe brain damage
  - Allows for personalization
  - It is NOT a Do Not Resuscitate (DNR) order or a POLST order
  - It is considered a living will and is useful for discussing a DNR order



## Practical Tasks: End of Life Decisions – *Five Wishes*

### ***Five Wishes***

- Wish 3: *My wish for how comfortable I want to be*
  - Stresses that you want your pain managed properly
  - Allows you to indicate how alert and/or medicated you wish to be
  - Provides direction regarding comfort care
- Wish 4: *How you want people to treat you*
  - What others should keep in mind if you become seriously ill
  - Whether you want people around you and/or physically touching you
  - If you want prayers said for you
  - Ideas for your surroundings (e.g., photos of loved ones)

## Practical Tasks: End of Life Decisions – *Five Wishes*

### ***Five Wishes***

- Wish 5: *What you want your loved ones to know*
  - Allows you to express deep sentiments about your relationships with family and friends
  - Allows you to offer love and forgiveness to those who have hurt you
  - Communicates practical matters concerning burial wishes

## Practical Tasks: Additional Considerations

- Vital signs: May no longer be necessary
- Foley catheter: For comfort and to avoid having to toilet
- IV Fluids: May be discontinued as they can promote suffering at end of life
- De-prescribing medications [not in narration]

## Practical Tasks: Signs of Impending Death

Assess	Signs of Impending Death
Activity	Extreme weakness, mouth droop, minimal voluntary movement
Nutrition	Anorexia
Elimination	Oliguria, bowel incontinence/diarrhea
Pain	May be increased or decreased
Skin	Cyanosis, mottling, cooling

## Practical Tasks: Signs of Impending Death

Assess	Signs of Impending Death
Sleep	Decreased responsiveness, frequently unarousable
Eyes	Glazed fixed stare, partly open, dilated pupils
Respirations	Death rattle, tachypnea, Cheyne-Stokes pattern
Neurological	Delirium, decreased arousal, may see a “rally”
Ascites/Edema	Decreased distention, decreased edema

## Assessment Question 5

***Signs of impending death include all the following except:***

- a) Extreme weakness, mouth droop, minimal involuntary movement
- b) Improved appetite
- c) Cyanosis, mottling, cooling
- d) Death rattle, tachypnea, Cheyne-Stokes pattern breathing

## Assessment Question 5: Answer

***Signs of impending death include all the following except:***

- a) Extreme weakness, mouth droop, minimal involuntary movement
- b) Improved appetite (Correct Answer)**
- c) Cyanosis, mottling, cooling
- d) Death rattle, tachypnea, Cheyne-Stokes pattern breathing

## The Clinician's *Pause*

- Witnessing death over and over again takes a toll
  - Over time, clinicians can become numb or burned out
  - One solution is the *Pause*, developed at the University of Virginia, Charlottesville, in which following the death of a patient everyone stops, and pauses
- The *Pause*
  - The team just stops and pauses, just for a minute
  - “It makes it so we can actually view the person as a person rather than as a patient that we see on an everyday basis,” Jack Berner, EMT



## The Clinician's *Pause*

- The *Pause* (continued)
  - “You can relate more to the case [knowing] it’s somebody’s father or mother, their sister or uncle, rather than somebody you just see for five minutes” (Jack Berner)
  - The idea began to spread throughout their hospital, particularly to emergency department workers
  - The *Pause*, as it has become known, also is being taught as part of the curriculum at UVA in Charlottesville
  - Jack Berner says it helps him handle the toughest cases

## The Clinician's *Pause*

- The *Pause* (continued)
  - They hope the *Pause* will help medical workers like Berner accept the loss without disconnecting emotionally
  - “So you are able to feel and you are also able to sense and give back,” Berner said, even if it’s not a relative, a worker can have a sense of being a part of a loss
  - “I can also acknowledge the pain that I bore witness to in caring for that family and caring for that patient” (Jack Berner)

## Summary

- Death and dying is affected by social, cultural, and personal contexts
- There are four domains of comfort care at the end of life that require both non-pharmacologic and pharmacologic approaches to managing symptoms and issues of dying

These domains are:

- Physical
- Mental and emotional issues
- Spiritual issues
- Practical tasks

## Summary

- There are numerous signs that indicate impending death
- *Five Wishes* and *The Conversation* are two useful tools patients can use to provide instruction for their own end of life care
- The clinician's *Pause* allows the clinical team to stop for a moment out of respect for the person who has died and to center themselves in the midst of performing the numerous tasks of caring for the dying and deceased

# Resources

<https://agingwithdignity.org/five-wishes/about-five-wishes> Accessed October 10, 2016

[www.caringinfo.org](http://www.caringinfo.org) Accessed October 10, 2016

<http://theconversationproject.org/> Accessed October 10, 2016

<http://www.polst.org/programs-in-your-state/> Accessed October 10, 2016

<https://hospicefoundation.org/End-of-Life-Support-and-Resources/Coping-with-Terminal-Illness/Signs-of-Approaching-Death> Accessed October 10, 2016

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