## Suffering and Death Anxiety at the End of Life:

Toward a Comprehensive Model of Patient Adjustment

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Pablo Picasso Ciencia y Caridad

# Sin and Salvation

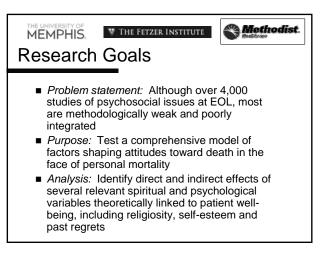
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sounds better than anything Thear, is that good old Hymn number 123, *Amazing Grace*. I mean you could be the worst scoundrel in the world, and there have been times when I've been a big time sinner. I'm not proud of it. I wish I hadn't done it. But I've asked God's forgiveness for it. I really stepped off the path that I was brought up to walk. I committed adultery and some other things that don't fit with His teaching. But I believe there's not anything that He won't forgive if you're sincere. And I look forward to death. --Mr. P., 75 year old hospice patient

## Fetzer Foundation Grant



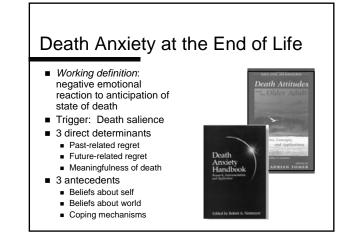
- Collaboration between Methodist Healthcare and University of Memphis
- Project team:
  - Robert A. Neimeyer, Ph.D., UM
  - Sally Aldrich, RN, MSN, MH
  - Emily Tooley, MSW, MH
  - Lori Kessler, MH
  - Joe Currier, MA, UM
  - Rachel Coleman, BA, UM
  - Adrian Tomer, PhD, Shippensburg University, PA



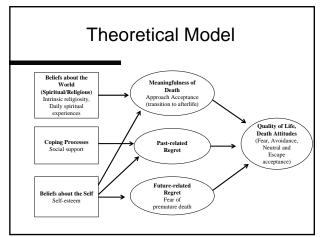
### Comprehensive Model: Philosophical Context

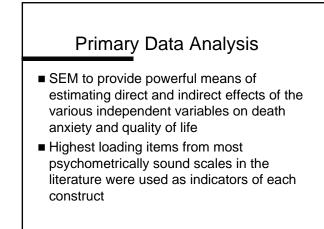
- Kierkegaard: Dread that has nothingness as its object.
- Heidegger: Acceptance of "being-toward-death" grants authenticity
- Becker: terror management through identification with cultural worldview, self-esteem as buffer against awareness of one's mortality
- Erikson: integrity vs. despair as final stage of identity development

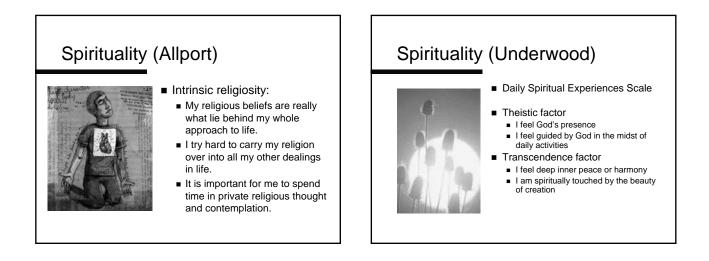












#### Social Support (WHOQOL Group)

- Do you get the kind of support you need from others?
- How satisfied are you with your personal relationships?
- How satisfied are you with your friends?



# Self Esteem (Rosenberg)

- Rosenberg Self Esteem Scale:
  - I feel that I am a person of worth.
  - On the whole I am satisfied with myself.
  - I feel that I have a number of good qualities.





# Meaningfulness of Death (Wong)



#### DAP Approach Acceptance:

- Death brings a promise of a new and glorious life
- I see death as a passage to an eternal and blessed place
- Death is a union with God and eternal bliss.

#### Past Regrets (Tomer)

- Past Related Regret Scale:
  - I wish I could avoid many of the mistakes I made earlier in life.
  - I regret that I wasted too much time on things that are unimportant.
  - If I could turn back the clock, there are many things that I would do differently.



#### Future Regrets (Hoelter, Tomer)

- Multidimensional Fear of Death Scale: Fear of Premature Death
  - I have a fear of not accomplishing my goals in life before dying
  - I am afraid that I will not have time to experience everything I want to
  - I am afraid that I will never see my loved ones grow up



# Quality of Life (WHOQOL Group)



- How much do you experience positive feelings in your life?
- How well are you able to concentrate?
- How much do any feelings of sadness or depression interfere with your everyday functioning?

## Death Attitudes (Wong)

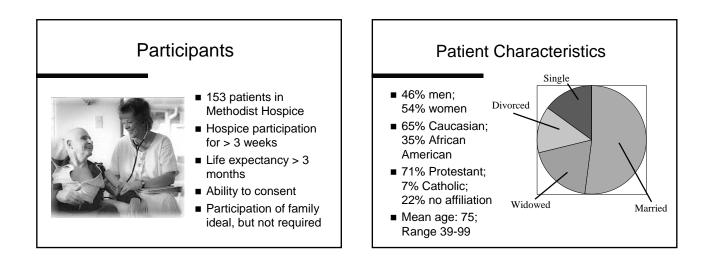
Death Fear
 I have an intense fear of death.

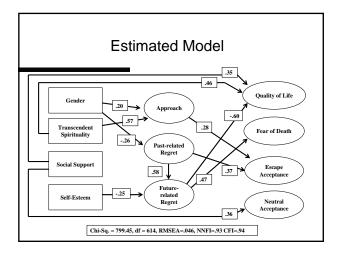
- Death Avoidance
- I try not to think about death.
- Escape Acceptance
  - I see death as an escape from the burden of life.
- Neutral Acceptance
  - Death is simply part of the process of life.

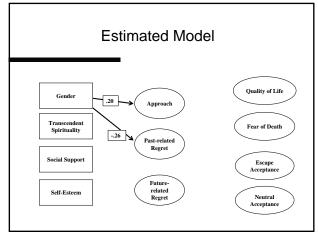
## Procedure

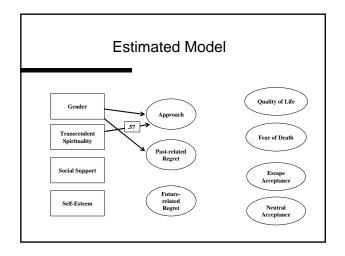
- Initial contact by hospice nurse or chaplain, followed by scheduling by social worker for consenting patients
- Subsequent 1 hour interview by hospice social worker or university psychology staff
- Structured questions followed by open ended interview

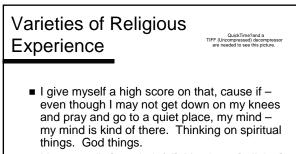






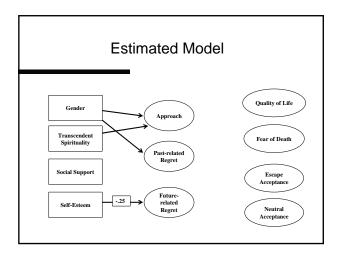


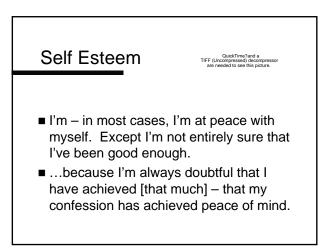


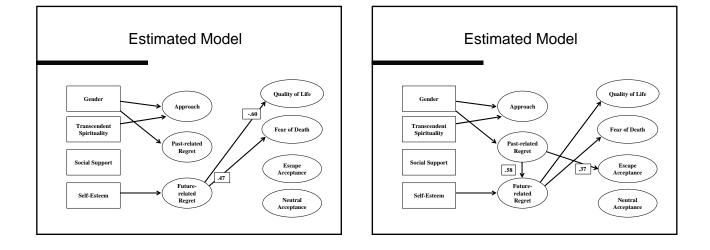


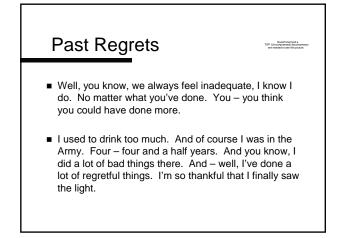
It's not really [very helpful]. You have [religion] rammed down your throat for the first – from the [age of] ten, had it so much rammed down your throat that it's enough for the rest of your life.

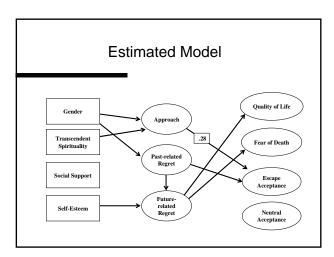




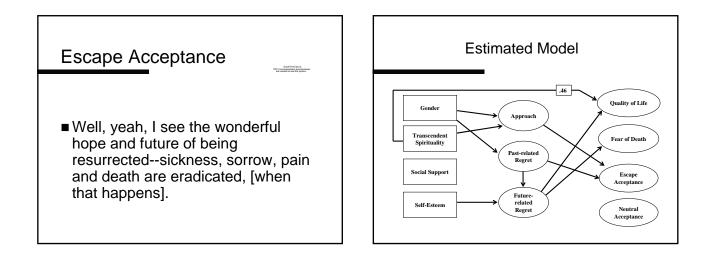


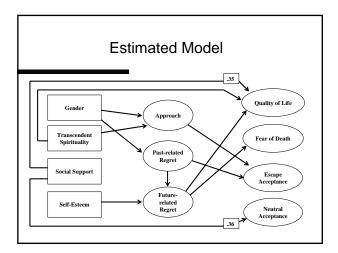








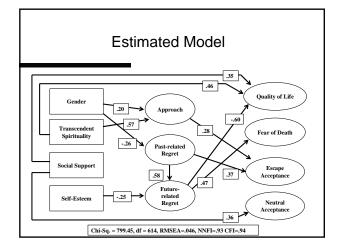


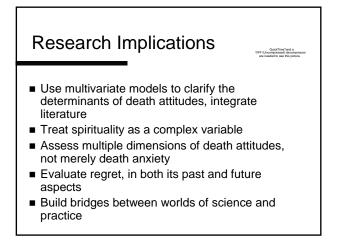


# Social Support



I lost part of my manhood. But my daughter and my son and my wife take me to [the bathroom]. And then my church members come by and pray for me. My [elders] come pray for me. It makes me feel good.







QuickTime?and a TIFF (Uncompressed) decompresso are needed to see this picture.

# Clinical Implications

- Assess relevant determinants of QOL, not simply its presence of absence.
  - Include life regrets; spiritual resources and issues; social support; self-esteem and death fear and acceptance
- Join patient's quest for spiritual or existential meaning and self-determined life closure
   Meaning oriented therapy at EOL, rituals of
- Meaning oriented therapy at EOL, rituals of connection
   Affirm life integrity, promote (celf.) forging
- Affirm life integrity, promote (self-) forgiveness
  Dignity-enhancing therapy, life review, ethical will, narrative and biographical procedures

#### **Open Questions**

- Past related regret exercised only an indirect effect (through future-related regret) on fear of death.
- Future related regret was measured here as fear of premature death. Future related regret defined as lack of ability to achieve goals was not found to affect fear of death
- We need to understand better approach acceptance that was found to be impacted by cosmic/gero-transcendence and gender.
- There is a need to develop better tools to measure meaningfulness of death that are not based exclusively on acceptance of an after-life.

#### Limitations

- Relatively small sample for SEM
- Variables with excessive positive or negative skewness and kurtosis (nonnormality)
- Use of simple items as indicators

