

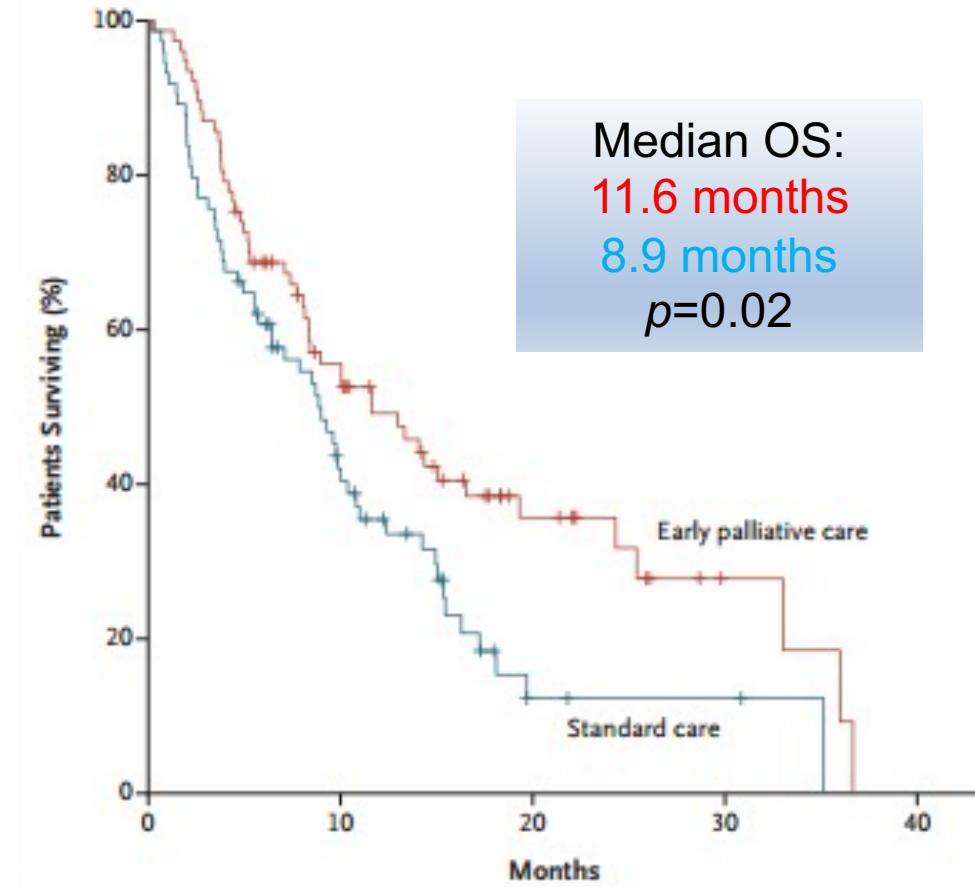
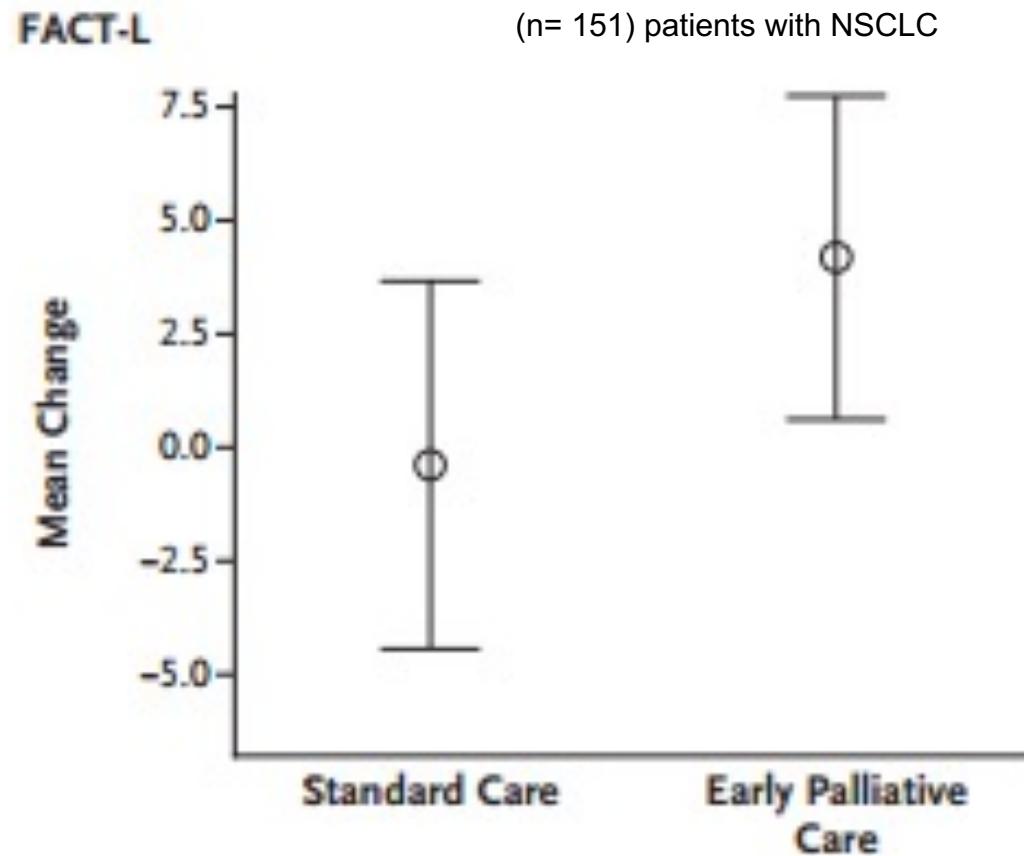
# The Role of IR in Palliative Care and Hospice

J. David Prologo, MD, FSIR, ABOM-D  
Emory IR

# Disclosures

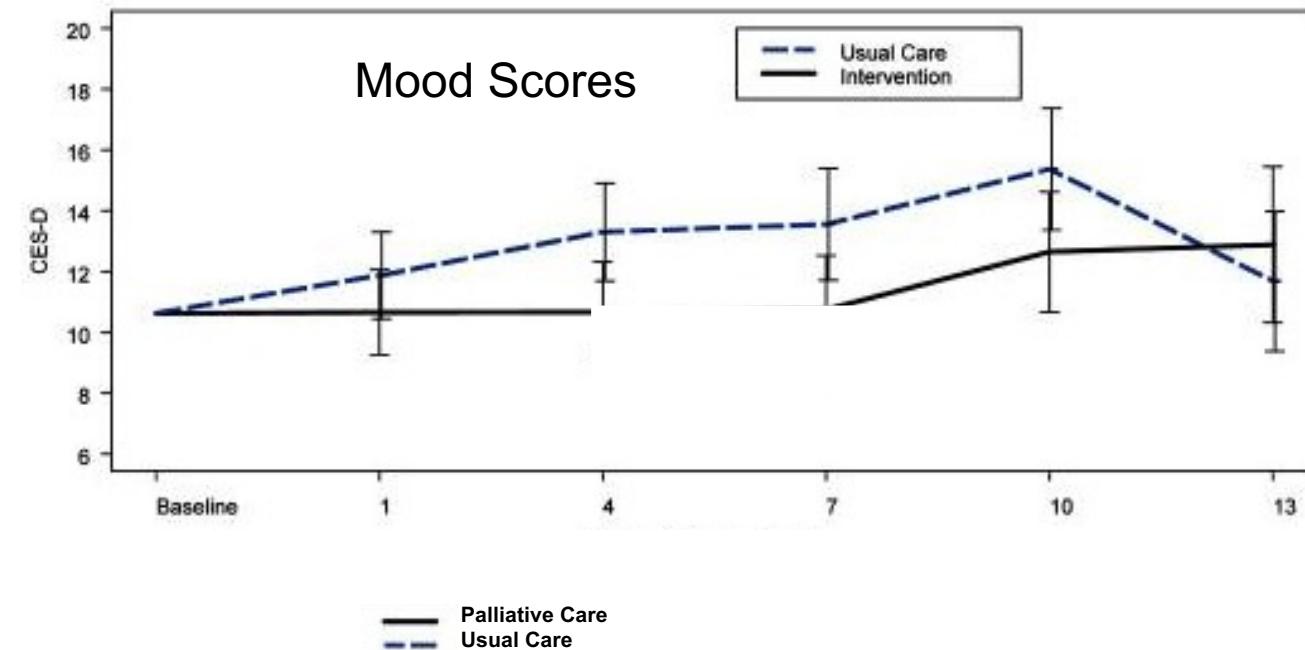
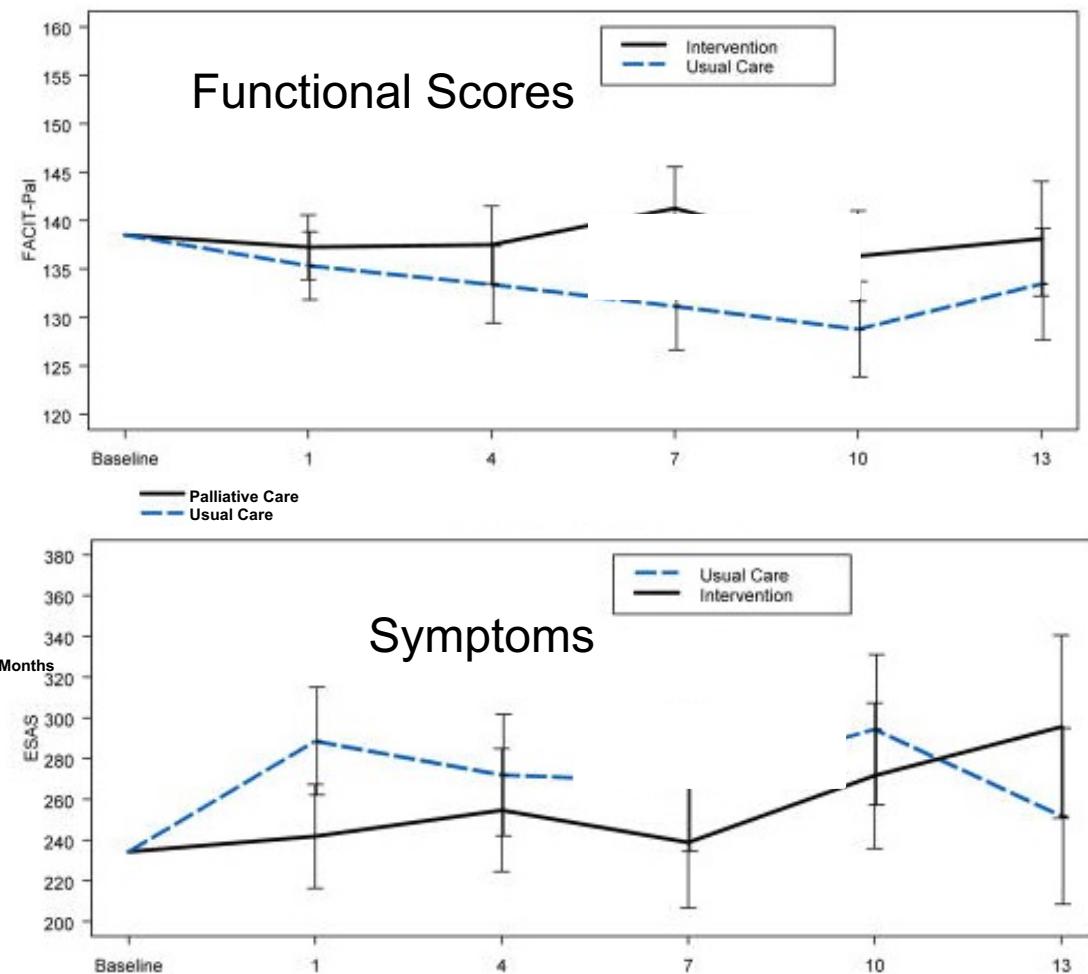
- Chief Medical Officer — Focused Cryo, Inc.

# Power of Palliative Care



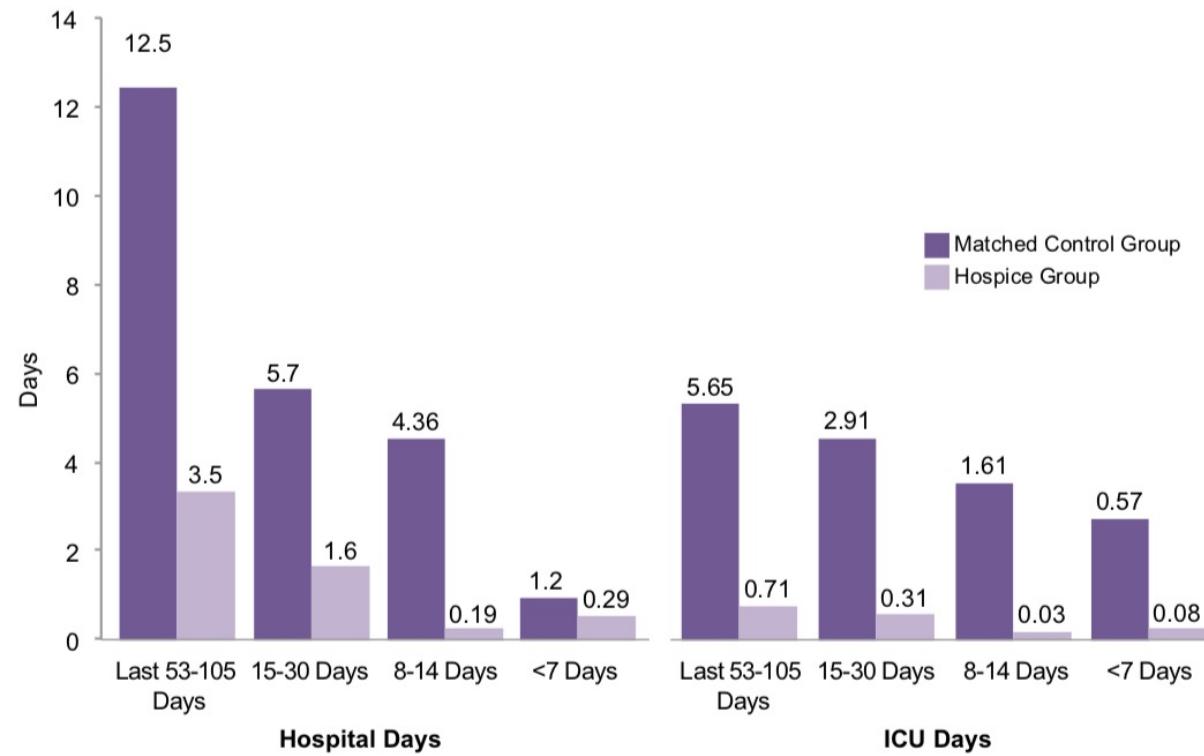
Temel JS. *N Engl J Med* 2010; 363(8):733-42.

# ENABLE-II Trial



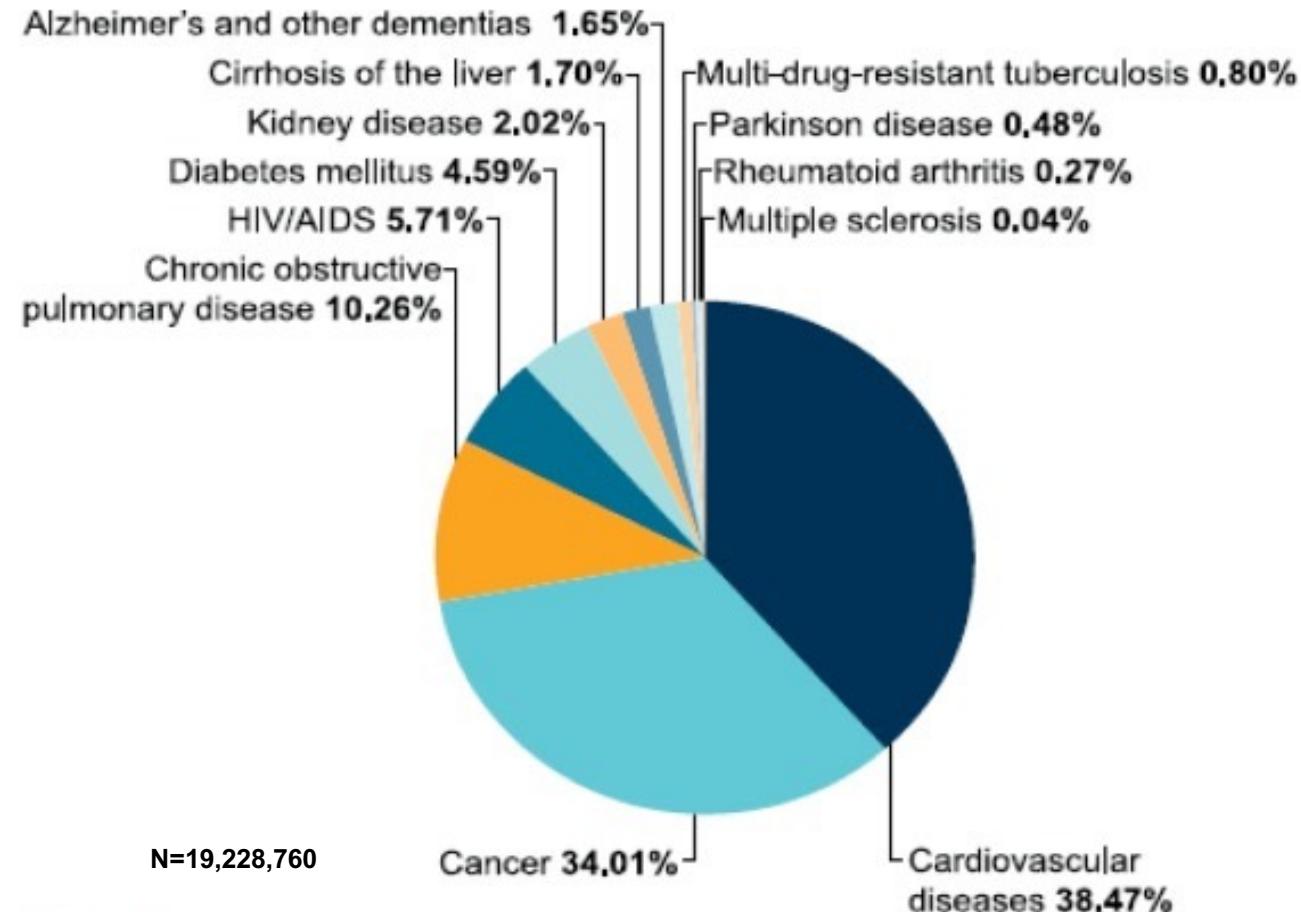
Bakitas M. JAMA 2009; 302(7):741-749.

# Early Palliative Care



Meier DE. *Milbank Q* 2011; 89(3):343-380.  
[https://www.nhpco.org/sites/default/files/public/communications/Outreach/The\\_Medicare\\_Hospice\\_Benefit.pdf](https://www.nhpco.org/sites/default/files/public/communications/Outreach/The_Medicare_Hospice_Benefit.pdf)

# Who Needs Palliative Care?



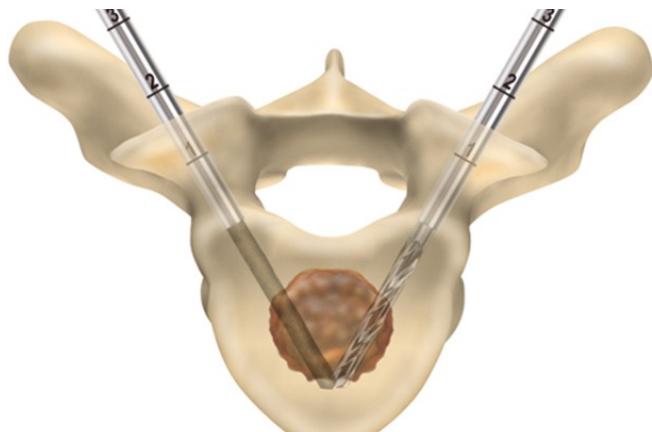
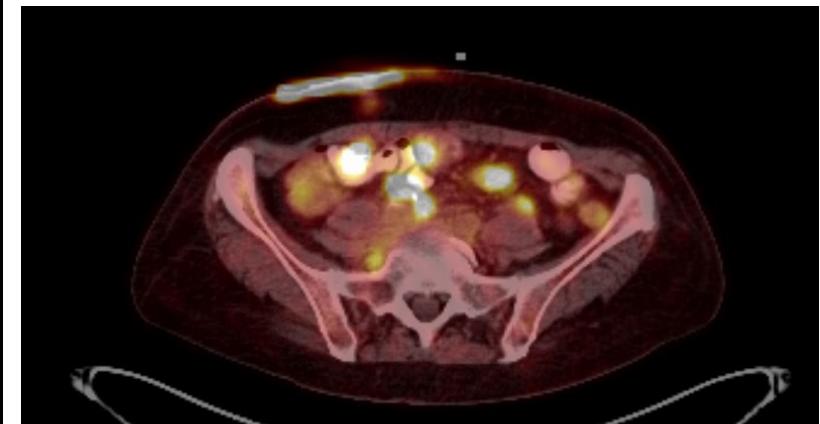
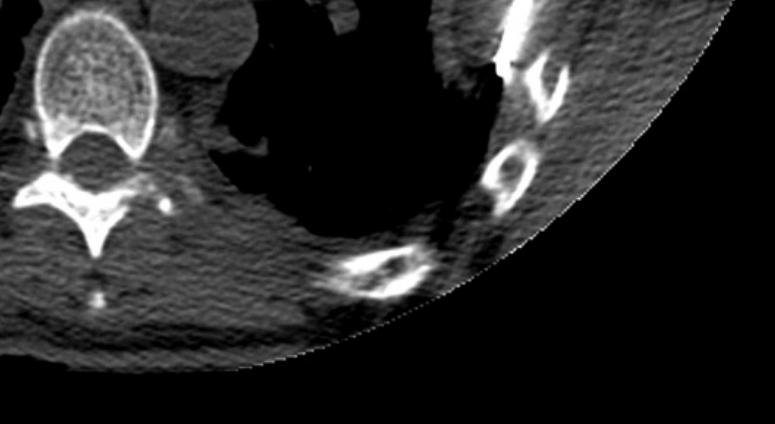
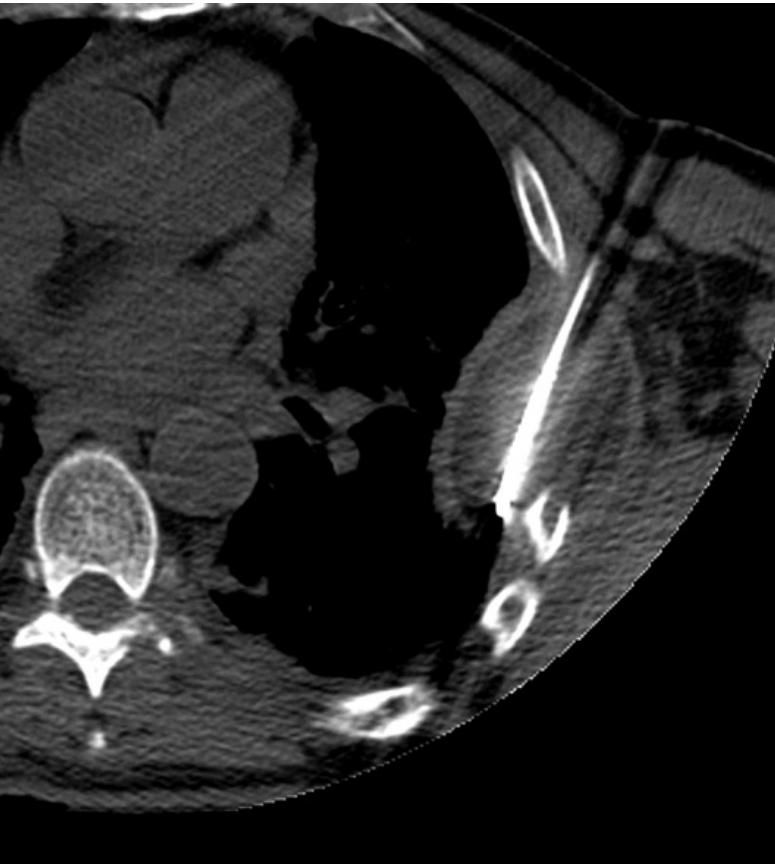
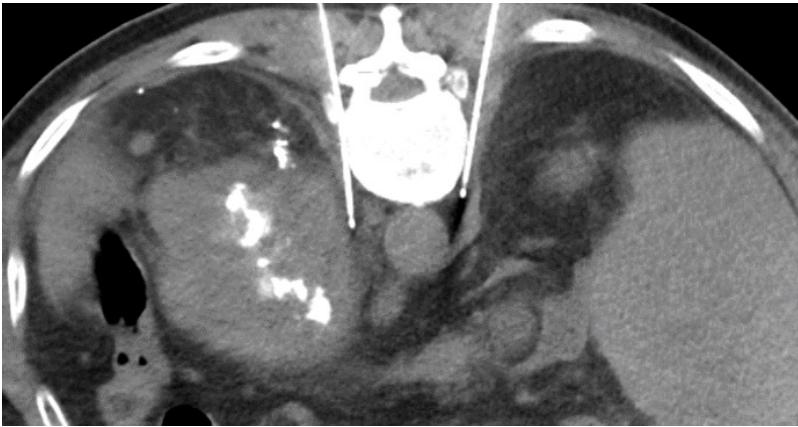
- 3 types of patients need palliative care
  - Advancing progressive disease
    - Cancer
  - Acute illness then death
    - CVA, trauma
  - Chronic disease
    - COPD, CHF, DM

Cruz-Oliver DM. Mo Med 2017; 114(2):110-115.



IR

Can you do  
something?



## Front-Line Interventions



# Front-Line Interventions

## Non-neoplastic

### Non-neoplastic Pain Management Procedures

- Epidural Interventions
  - Interspinous / Intradiscal Epidural Steroid Injections
  - Transforaminal Epidural Steroid Injections
  - Epidural Blood Patch
- Selective Nerve Root Injections
- Facet Joint Injections
  - Medial Branch Blocks
  - Intraarticular Facet Joint Injection
- Radiofrequency Ablation / Neurolysis / Decompression
  - Medial Branch Nerves
  - Intercostal Nerves
- Pulsed Radiofrequency Interventions
- Intercostal Prostheses
  - IDET / Neurotomy / Neuromodulation
  - Pulsed Disc Decompression / Disc Impaction
  - Discography
  - Functional Anesthetic Discography
- Sympathetic Nerve Blocks
  - Stellate Nerve Block
  - Celiac Plexus Block
  - Superior Hypogastric Plexus Block
  - Superior Hypogastric Plexus Block
  - Ganglion Impar Block
- Sympathetic Nerve Neurolysis / Ablation
  - Posterior Horn Sympathetic
  - Celiac Plexus Neurolysis
  - Lumbar Plexus Neurolysis
  - Superior Hypogastric Plexus Neurolysis
  - Ganglion Impar Neurolysis

## Palliative/Neoplastic

Osseous and/or Soft Tissue Lesions

Ablative Techniques

Catheter Techniques

Nerve Ablations

Other Palliative Interventions

Other Problem Solving

# Questions?

