

The Role of IR in Palliative Care and Hospice

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Emory IR

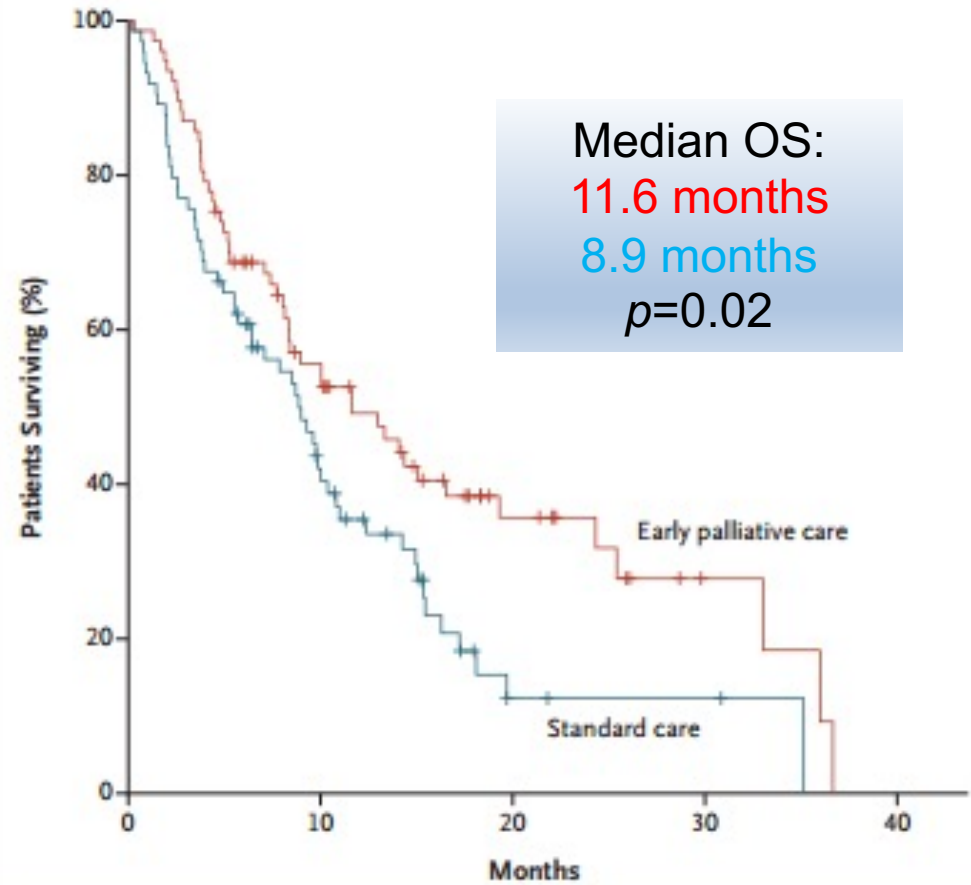
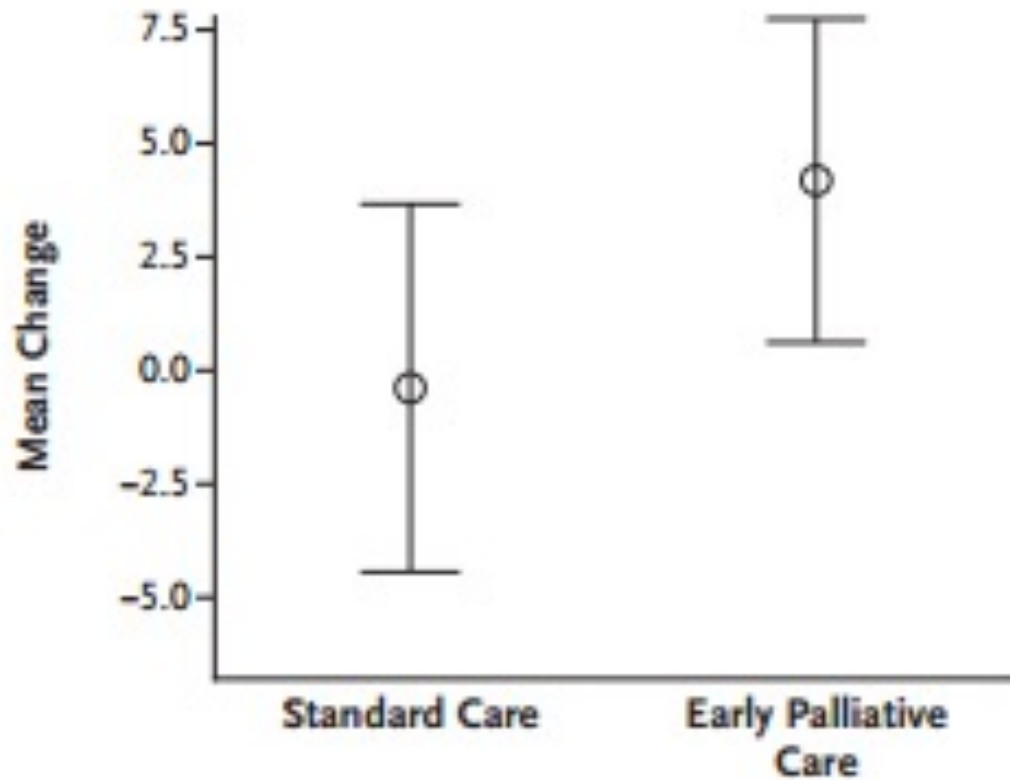
Disclosures

- Chief Medical Officer — Focused Cryo, Inc.

Power of Palliative Care

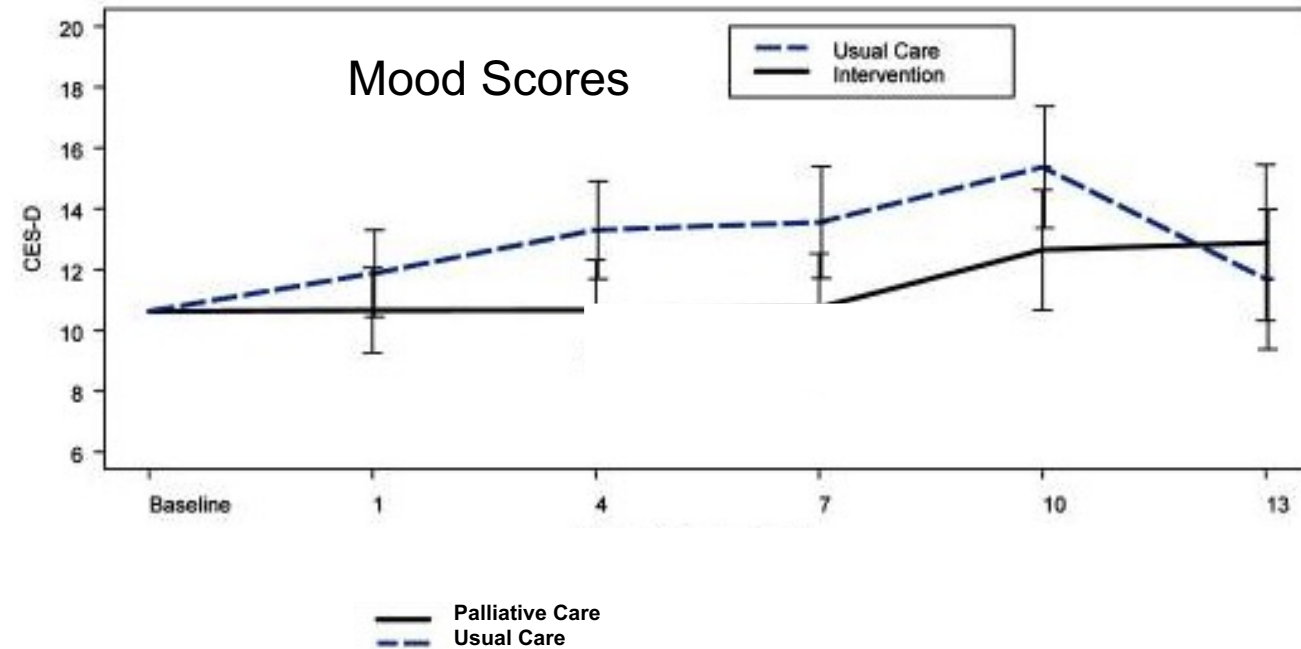
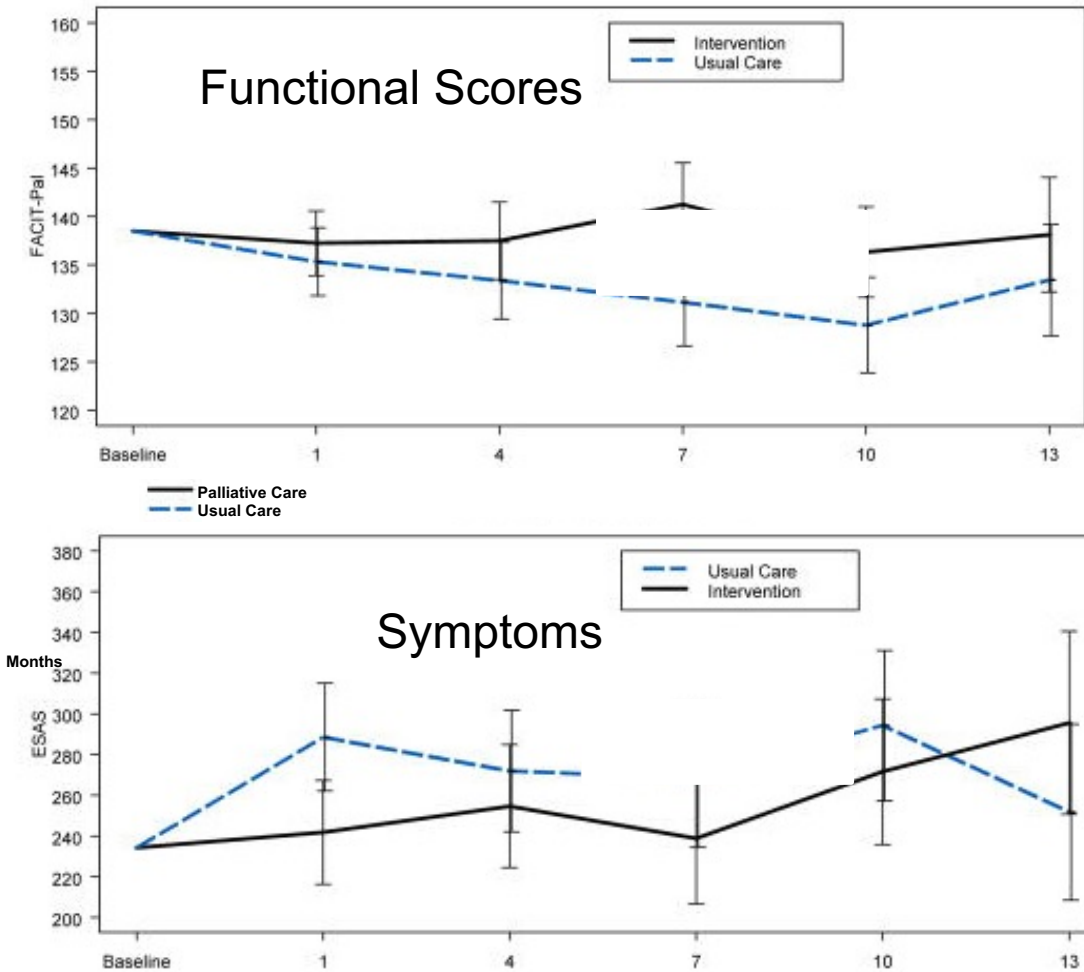
FACT-L

(n= 151) patients with NSCLC



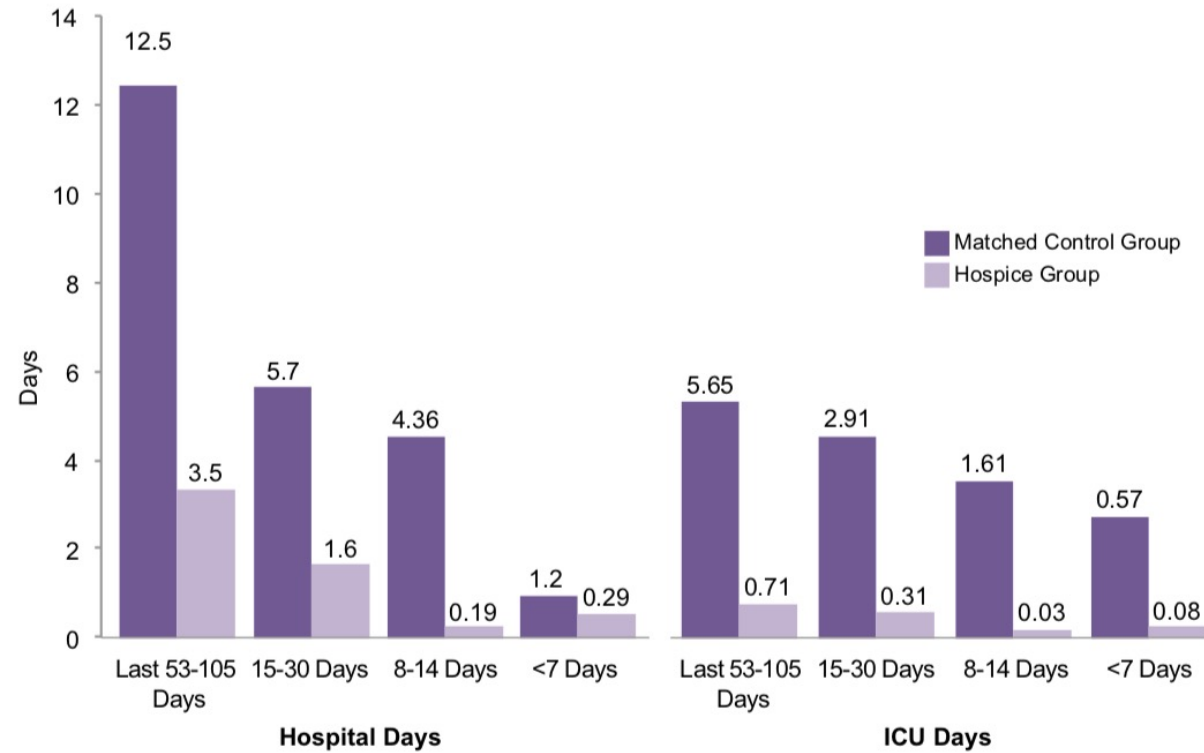
Temel JS. *N Engl J Med* 2010; 363(8):733-42.

ENABLE-II Trial



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

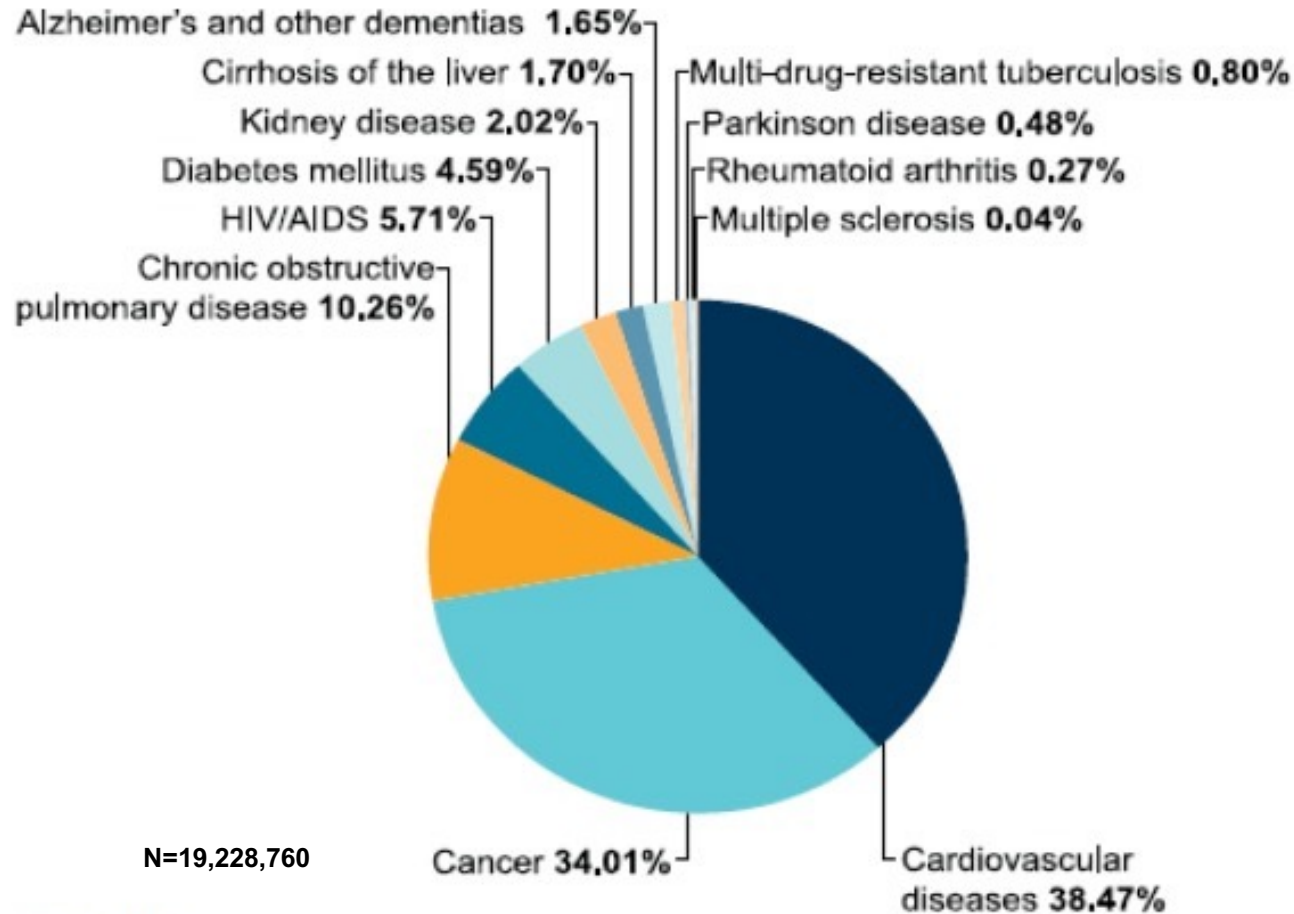
Early Palliative Care



Meier DE. *Milbank Q* 2011; 89(3):343-380.

https://www.nhpco.org/sites/default/files/public/communications/Outreach/The_Medicare_Hospice_Benefit.pdf

Who Needs Palliative Care?



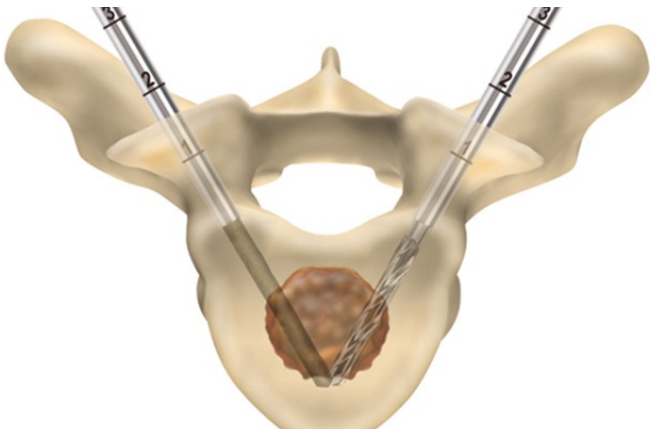
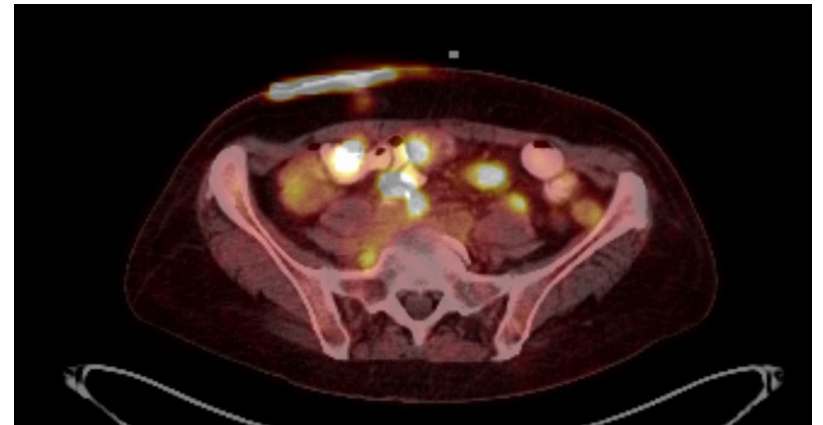
- 3 types of patients need palliative care
 - Advancing progressive disease
 - Cancer
 - Acute illness then death
 - CVA, trauma
 - Chronic disease
 - COPD, CHF, DM

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

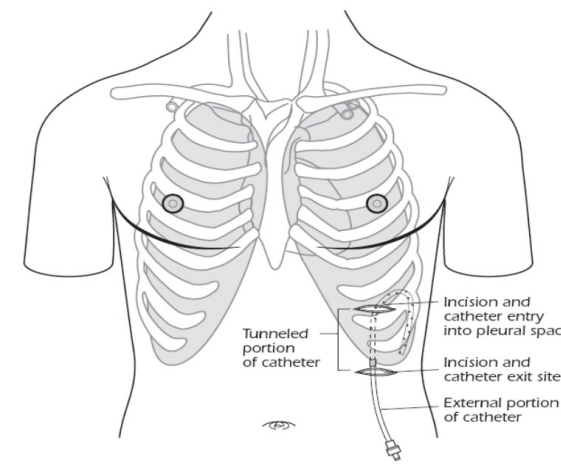
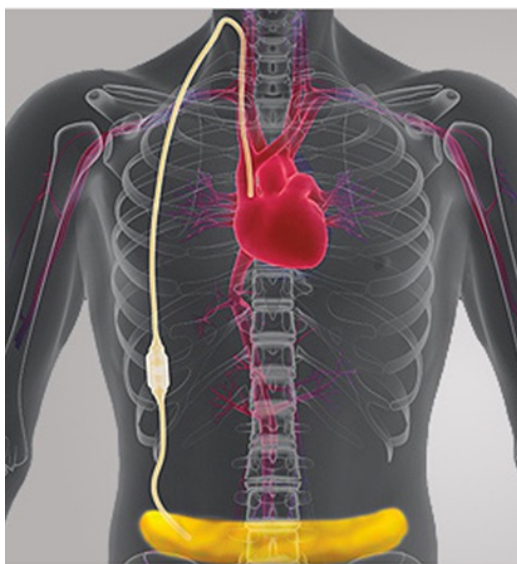
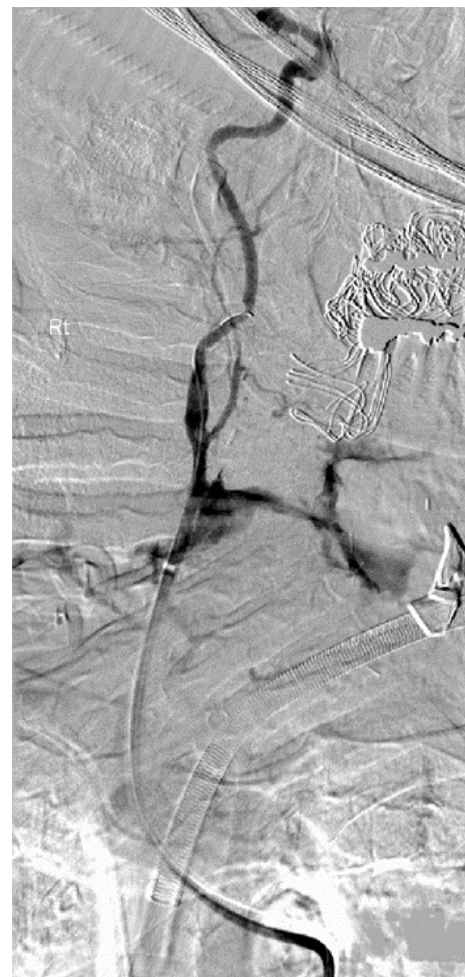
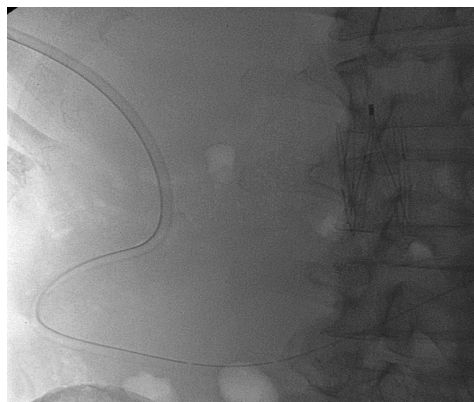


IR

Can you do
something?



Front-Line Interventions



Front-Line Interventions

Non-neoplastic

Non-neoplastic Pain Management Procedures

- Epidural Injections
 - Intrathecal (Intrathecal Epidural Steroid Injection)
 - Transforaminal Epidural Steroid Injection
 - Epidural Blood Patch
- Selective Nerve Root Injections
- Facet Joint Injections
 - Medial Branch Block
 - Intra-articular Facet Joint Injection
- Radiofrequency Ablation / Neurolysis / Denervation
 - Medial Branch Nerve
 - Intercostal Nerve
- Pulsed Radiofrequency Interferential
- Intervertebral Prosthesis
 - RCT / Hemilaminectomy / Discectomy
 - Plasm Disc Decompression / Nuc Discectomy
 - Chiropractic
 - Functional Anesthetic Diagnostic
- Sympathetic Nerve Blocks
 - Stellate Ganglion Block
 - Celiac Plexus Block
 - Lumbar Sympathetic Plexus Block
 - Superior Hypogastric Plexus Block
 - Ganglion impar Block
- Sympathetic Nerve Neurolysis / Ablation
 - Stellate Ganglion Neurolysis
 - Celiac Plexus Neurolysis
 - Lumbar Plexus Neurolysis
 - Superior Hypogastric Plexus Neurolysis
 - Ganglion impar Neurolysis
- Neuromodulation
 - Spinal Cord Stimulation
 - Peripheral Nerve Stimulation
 - Sacral Nerve Root Stimulation
 - Intrathecal Medication Delivery
- Vertebral Interventions for Compression Fractures
 - Vertebroplasty
 - Cementation
- Peripheral Nerve Blocks
 - Brachial Plexus
 - Sciatic Plexus
 - Genitofemoral
 - Intercostal
 - Occipital
 - Suprarenal
 - Saphenous
 - Pudendal
- Joint Injections
 - Hip
 - Knee
 - Sacroiliac
 - Shoulder
- Bursa Injections (Bursitis)
- Intravenous Medication Diagnostic Infusion
- Trigger Point Injections
- Botulinum Injections

Palliative/Neoplastic

Osseous and/or Soft
Tissue Lesions

Ablative Techniques

Catheter Techniques

Nerve Ablations

Other Palliative Interventions

Other Problem Solving

Questions?

