

 **Marcus Neuroscience Institute**
BAPTIST HEALTH SOUTH FLORIDA

MARCUS NEUROSCIENCE INSTITUTE


FACET JOINT RADIOFREQUENCY ABLATION

Man Q. Le, M.D.
Interventional Pain Medicine
Marcus Neuroscience Institute
Boca Raton Regional Hospital
Baptist Health South Florida
Boca Raton, Florida

1

Disclosures

Dr. Man Q. Le, faculty for this educational activity, has no relevant financial relationships with ineligible companies to disclose, and has indicated that the presentations or discussions will not include off-label or unapproved product usage.

2 

2

Objectives

At the end of this lecture, participants will be able to:

- Describe Spinal Facet Joint Pain
- Explain the role of radiofrequency ablation in the treatment of spinal facet joint pain

3



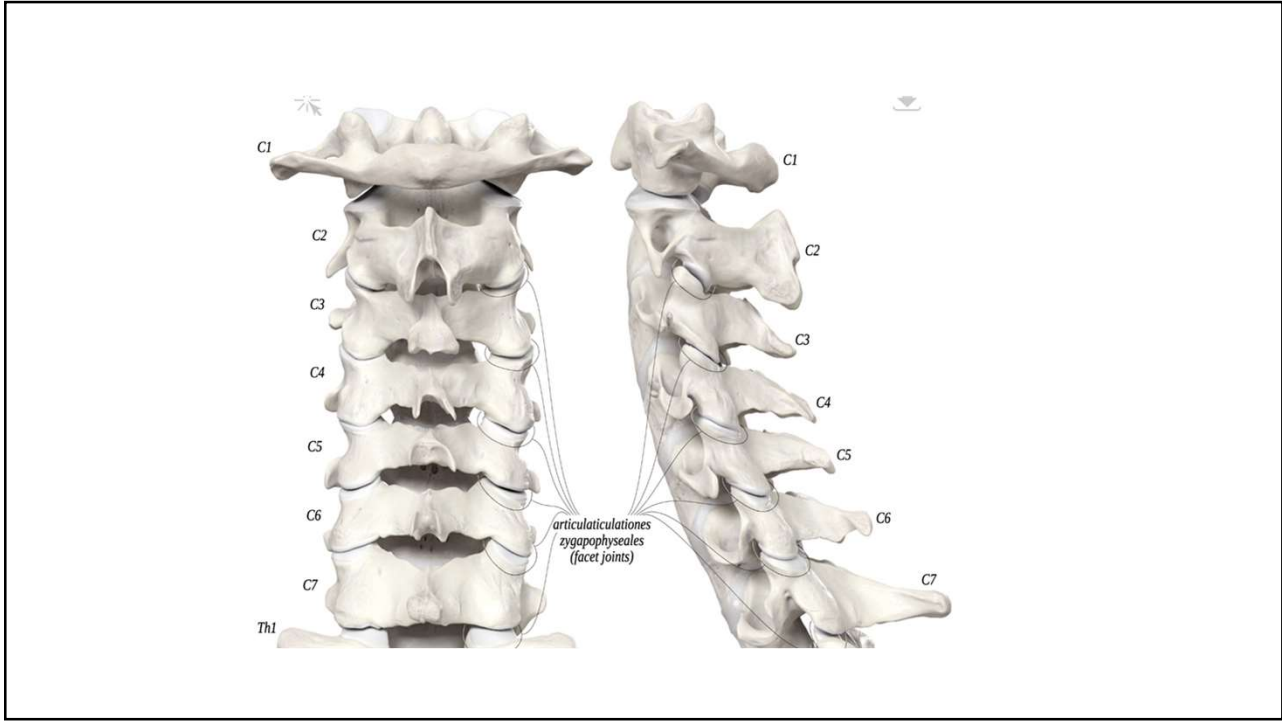
3

FACET JOINT

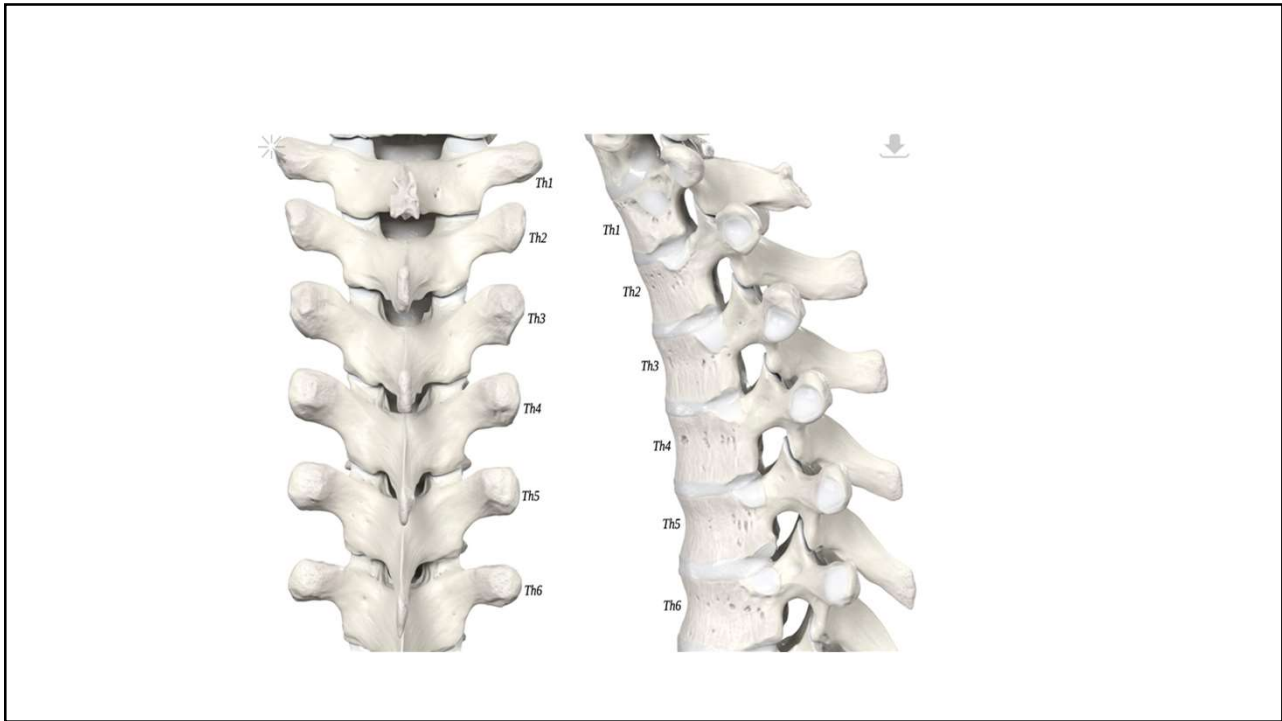
- ANATOMY
- FUNCTION
- INNERVATION



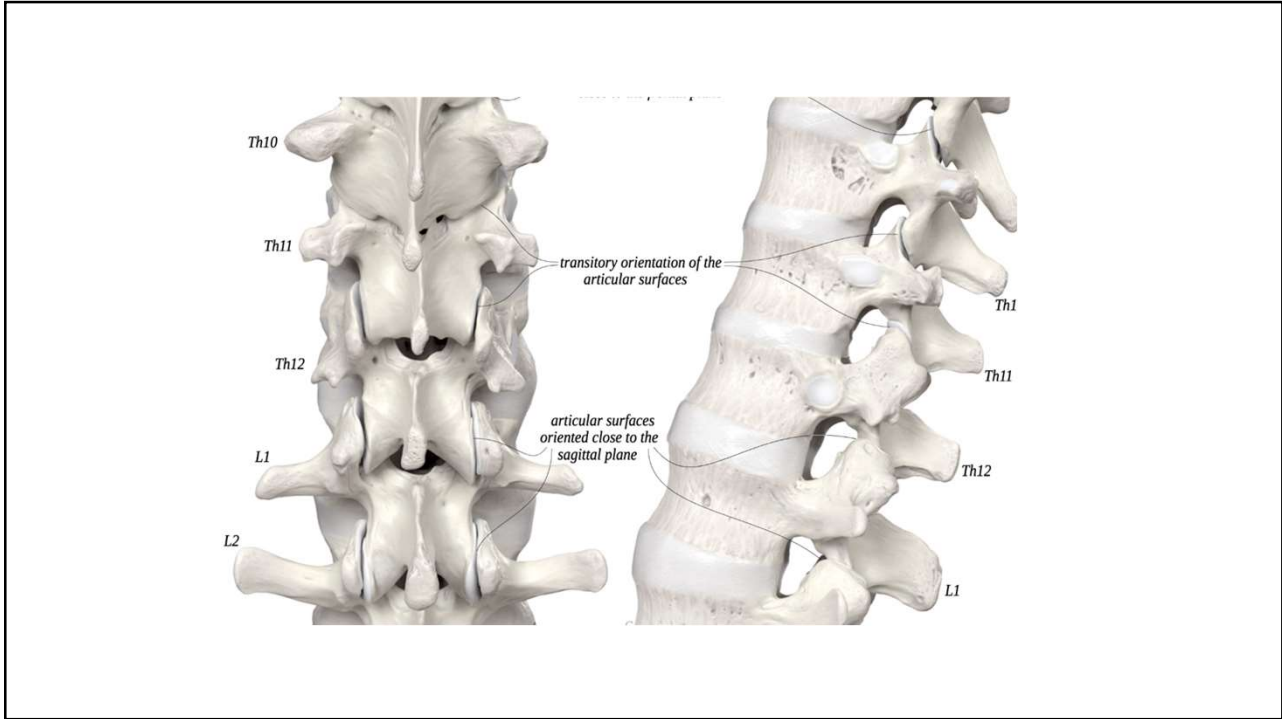
4



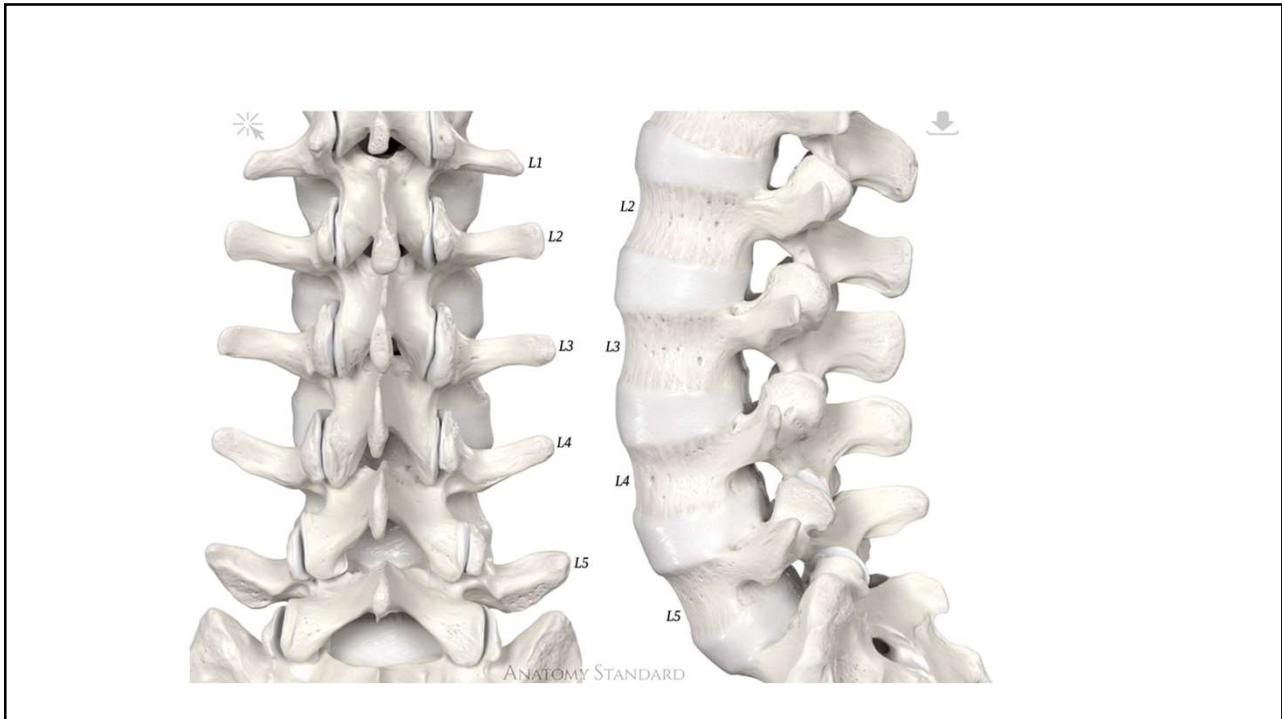
5



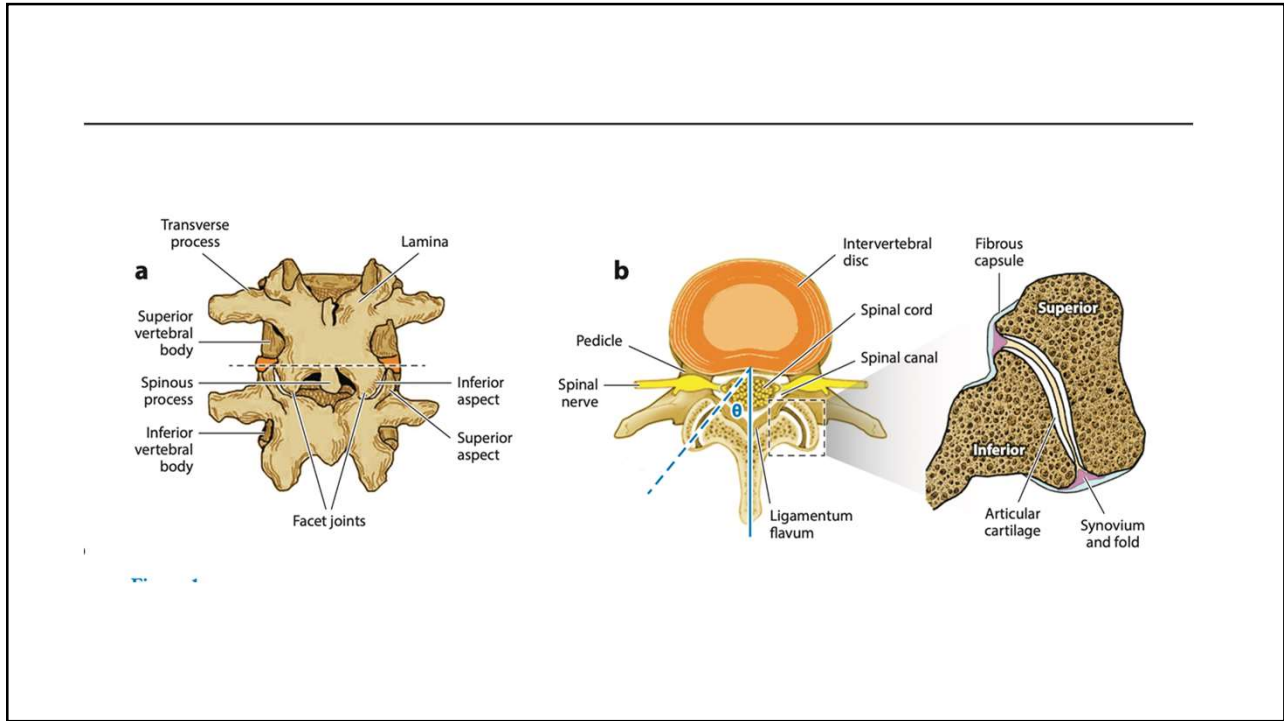
6



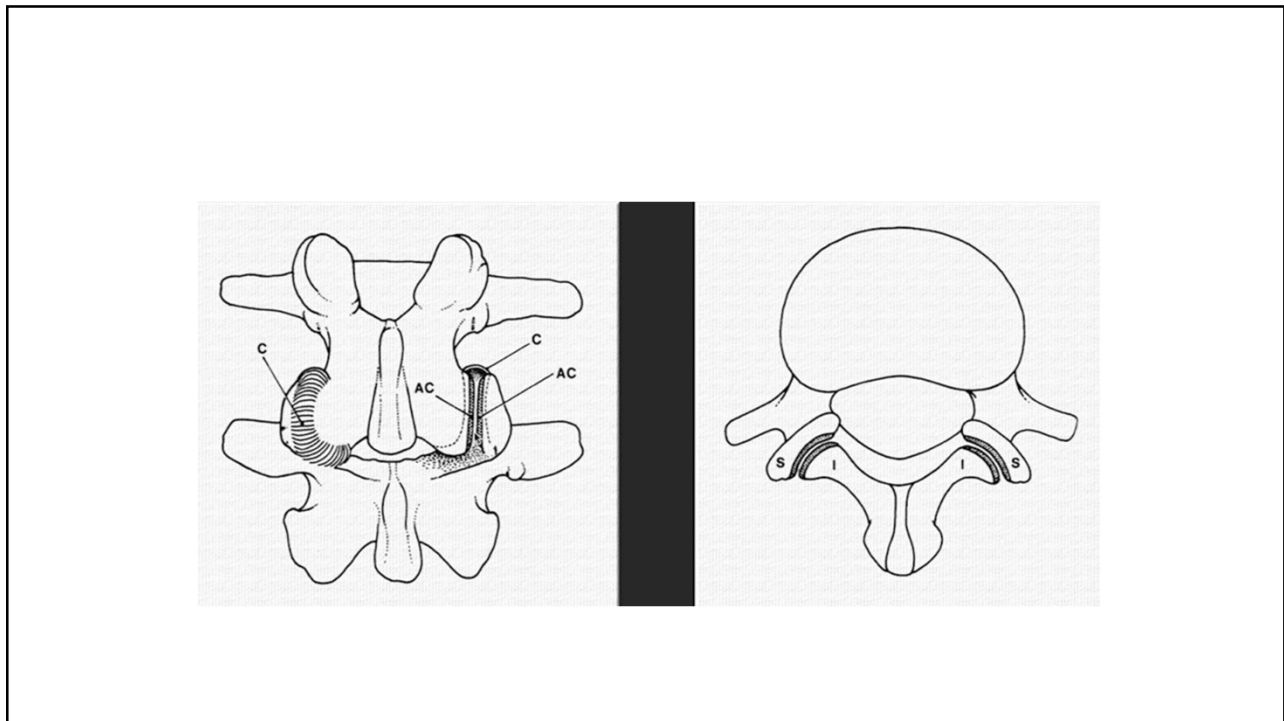
7



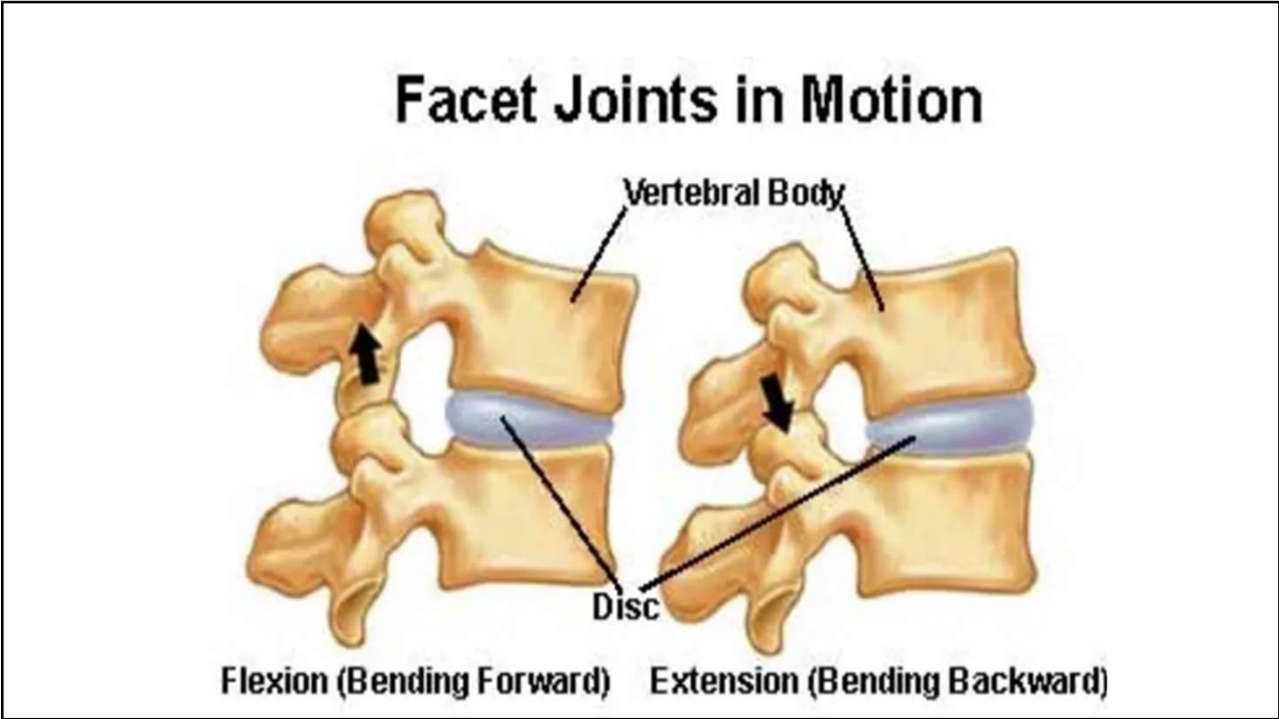
8



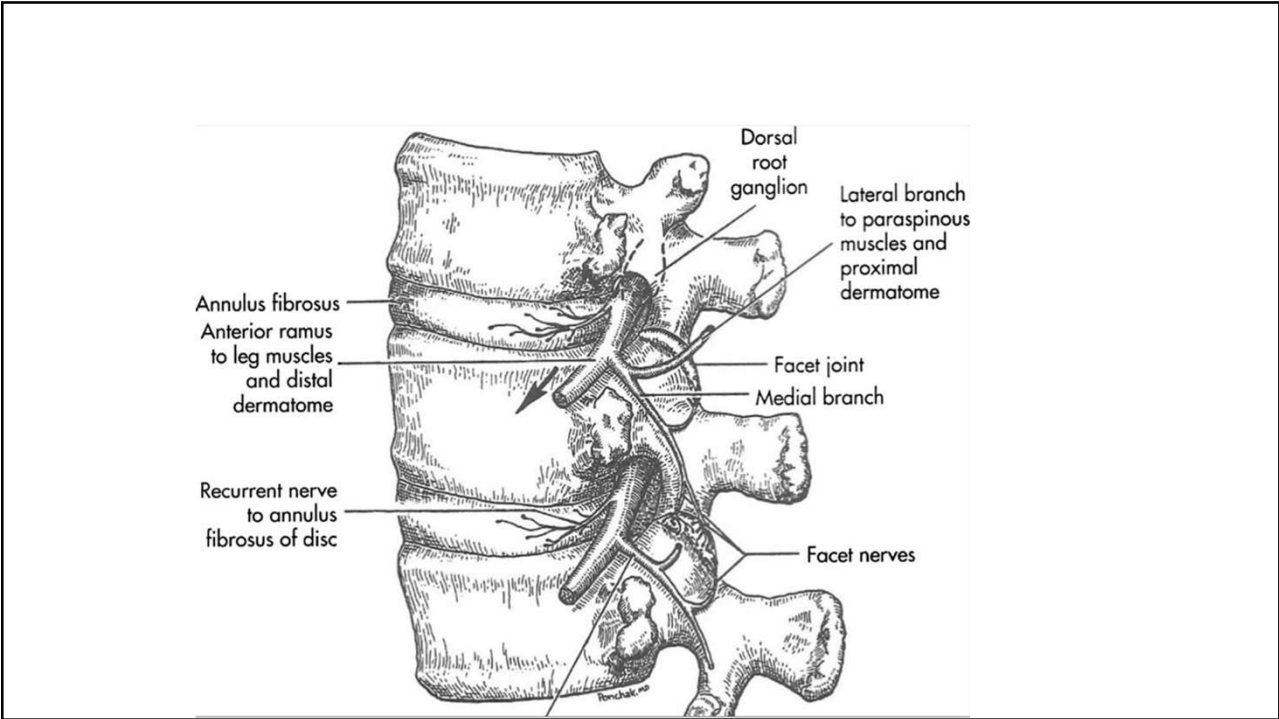
9



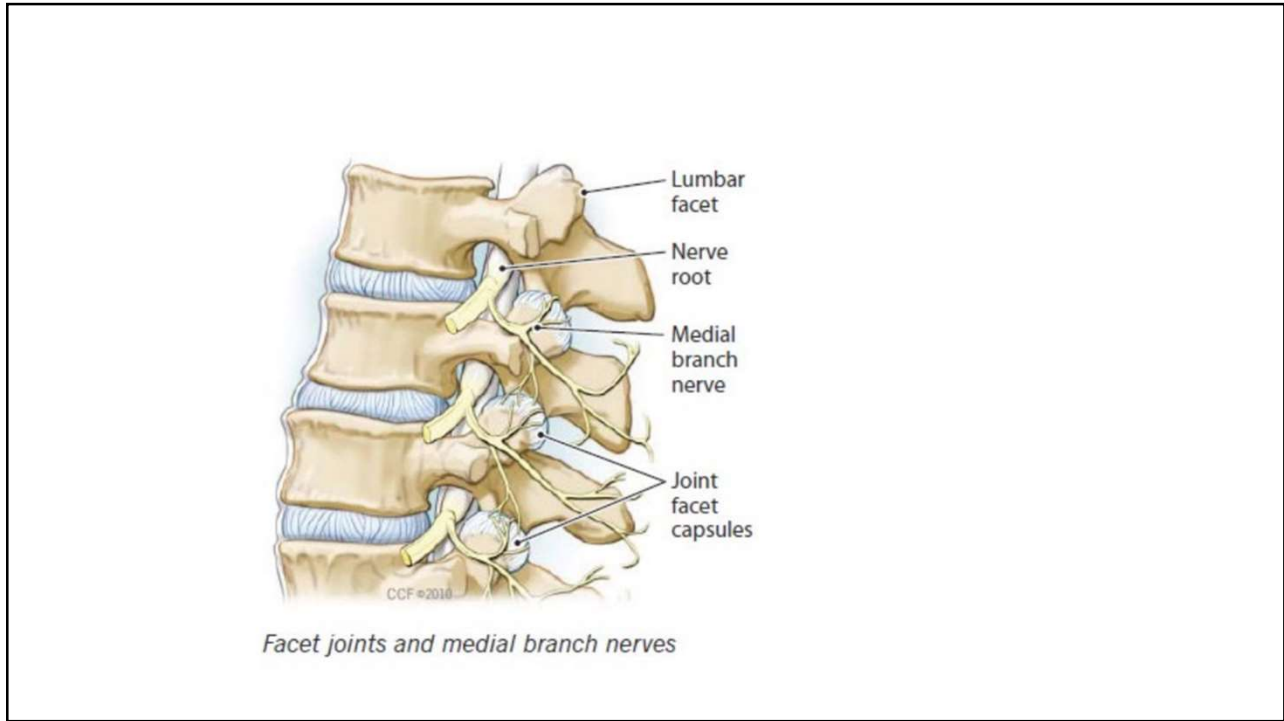
10



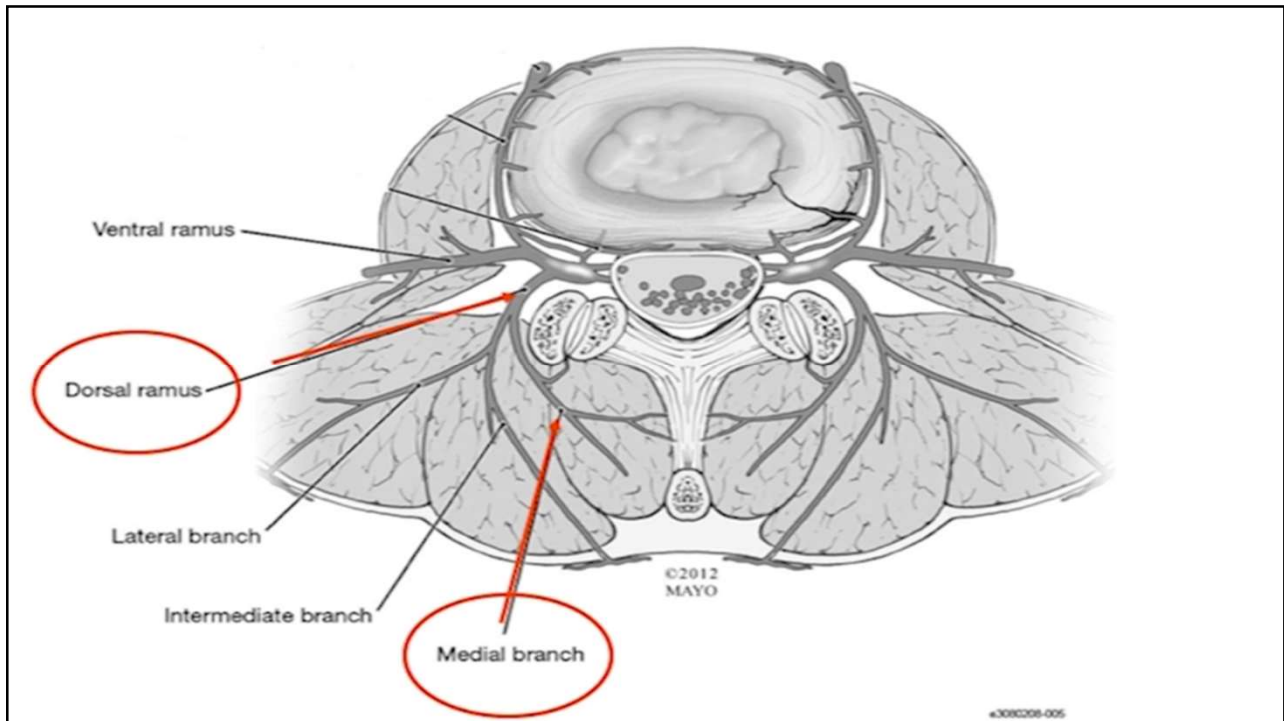
11



12



13



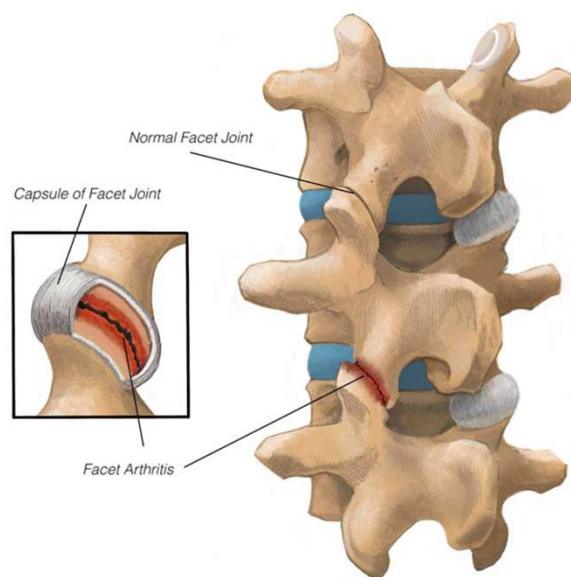
14

FACET JOINT SYNDROME

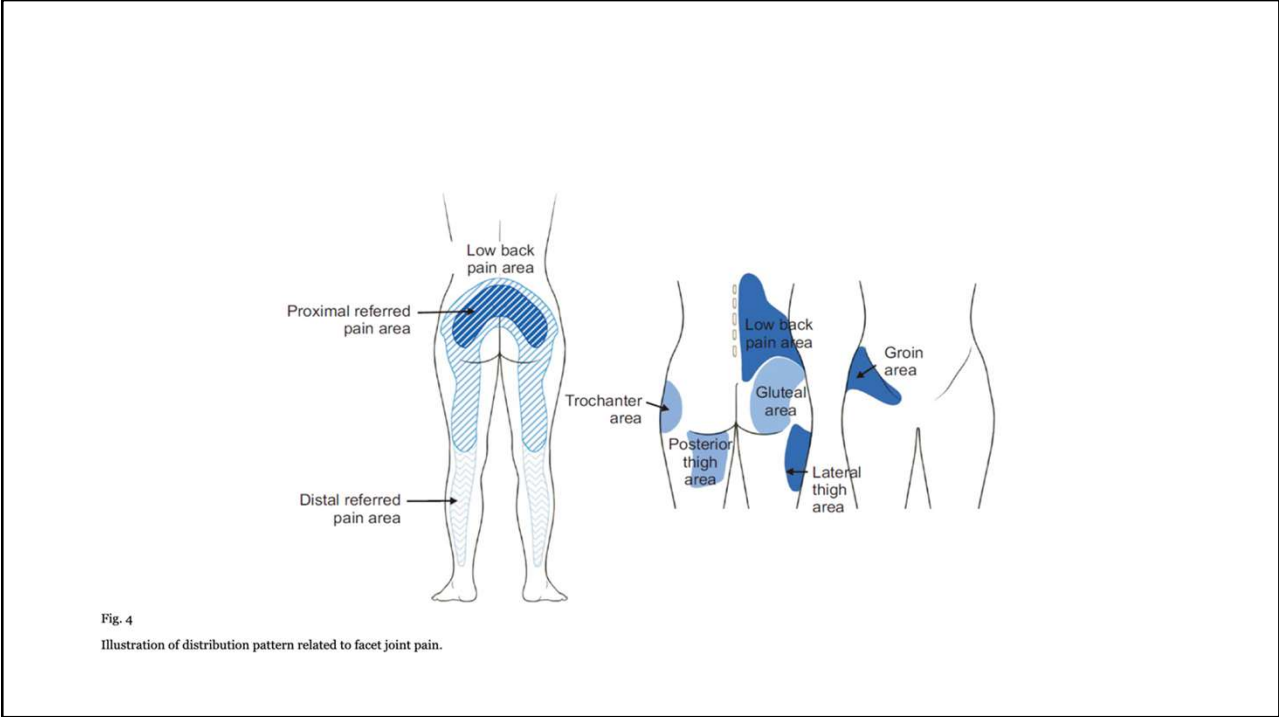
- PATHOPHYSIOLOGY
- SYMPTOMS
- EXAMINATION
- IMAGING
- DIFFERENTIAL DIAGNOSIS
- DIAGNOSIS



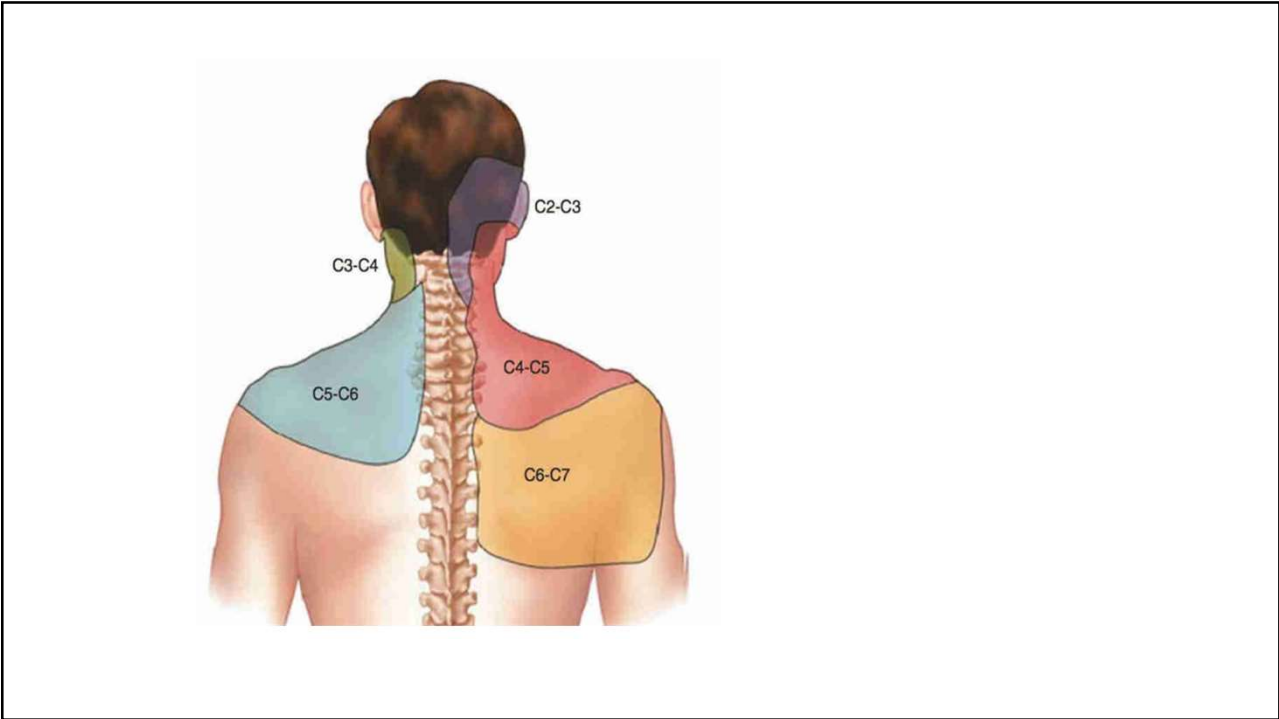
15



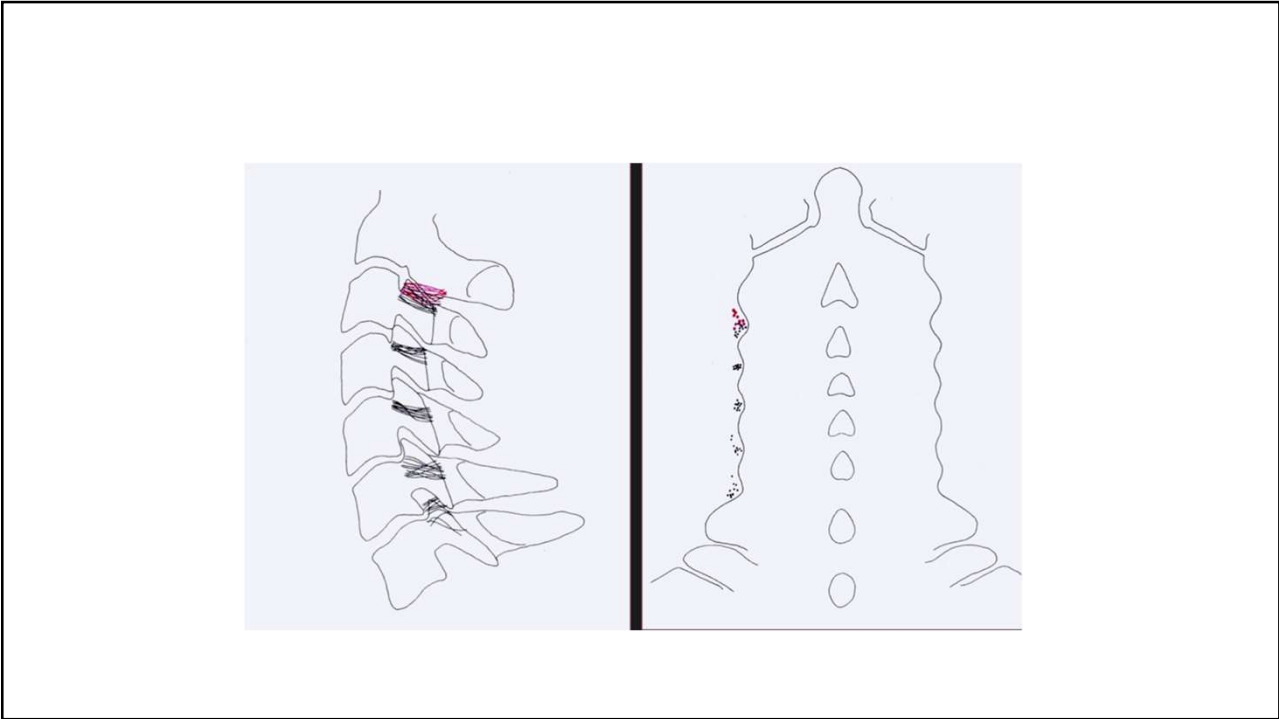
16



17



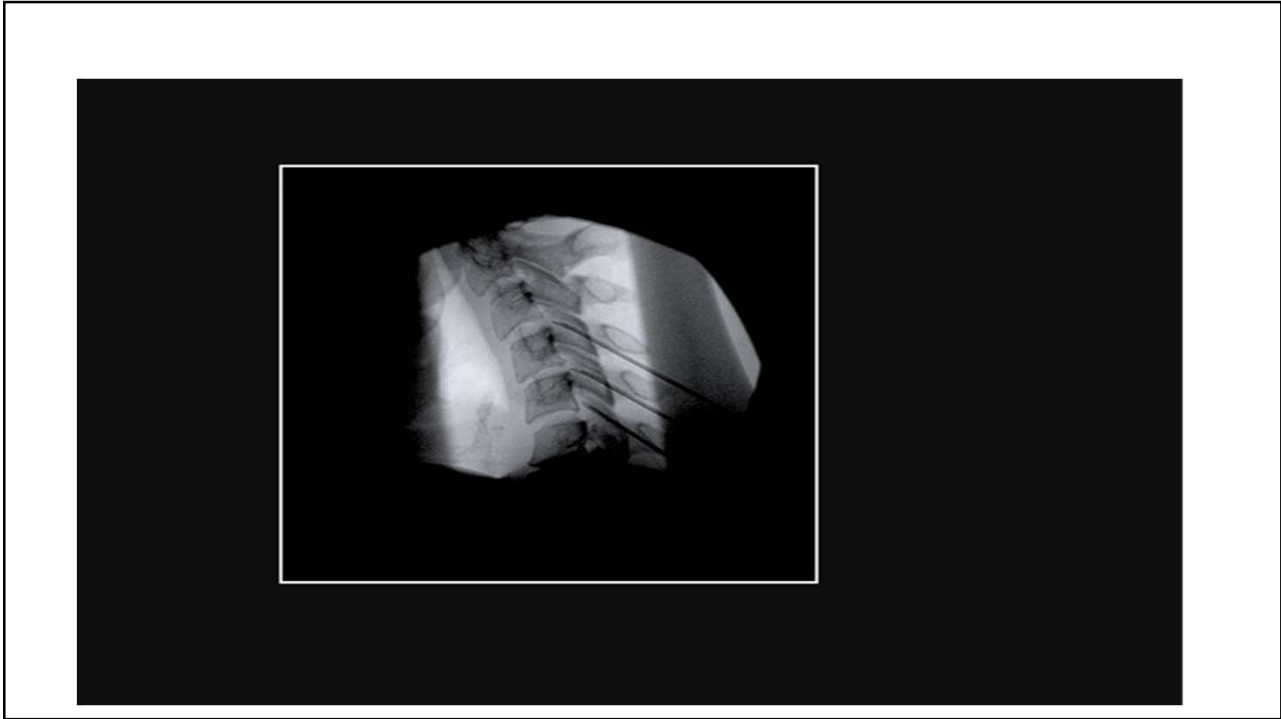
18



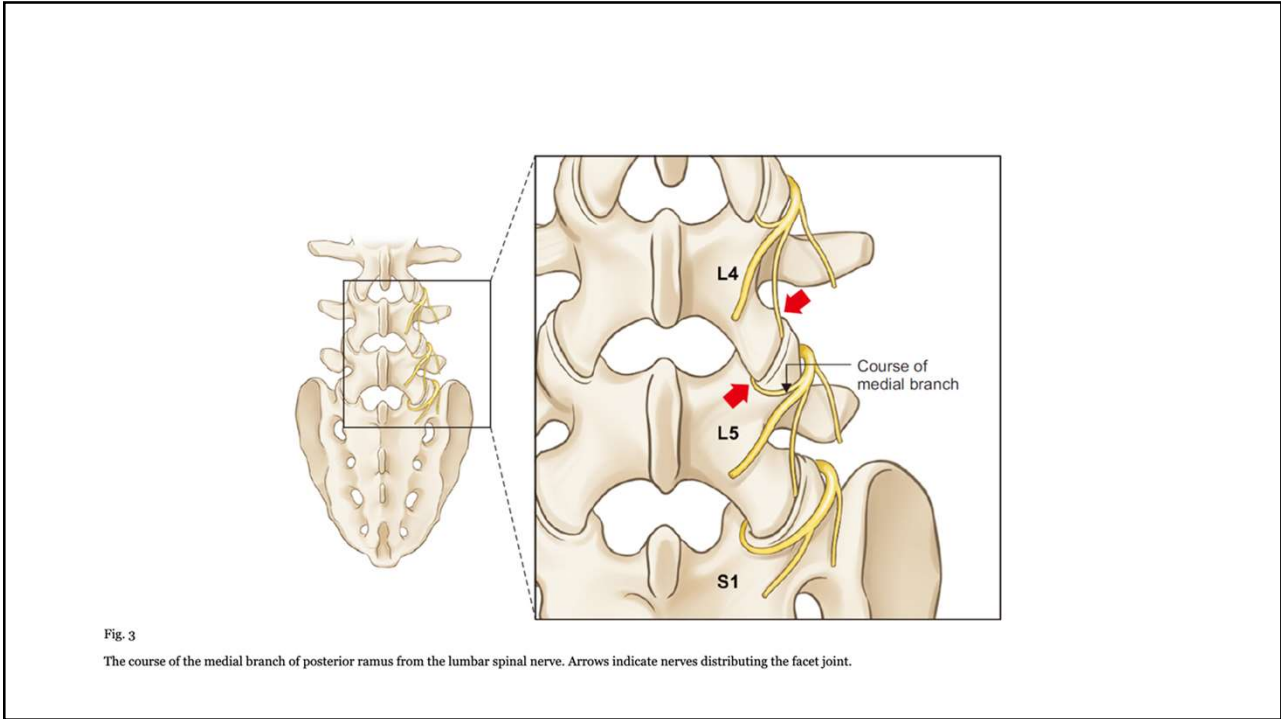
19



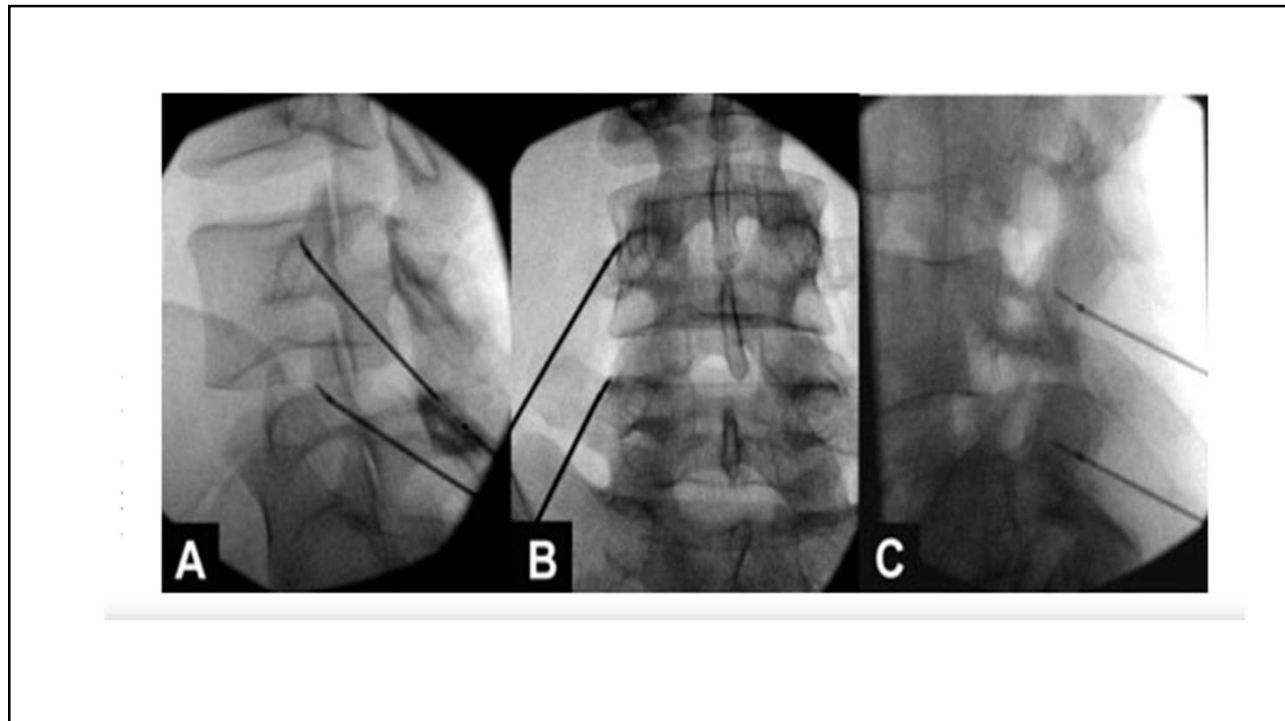
20



21




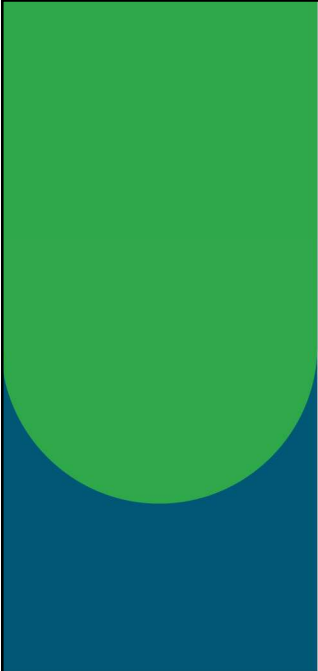
22



23

FACET JOINT SYNDROME TREATMENT

- MEDICATION
- PT
- FACET JOINT INTERVENTIONS
 - **FACET JOINT INJECTIONS**
 - **RADIOFREQUENCY ABLATION**



24



Cervical facet joint injection

25



Lumbar facet joint injection

26

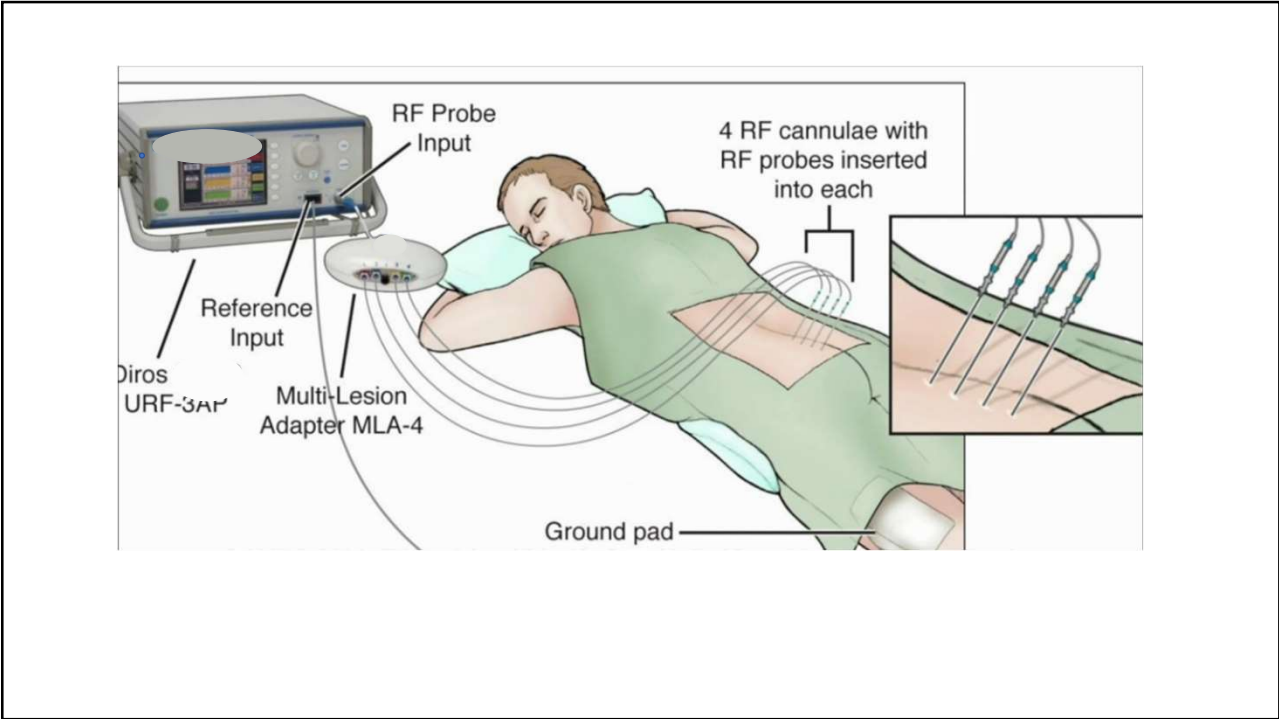
RADIOFREQUENCY ABLATION

- INDICATION
- EQUIPMENT
- ANESTHESIA
- PROCEDURE
- OUTCOME

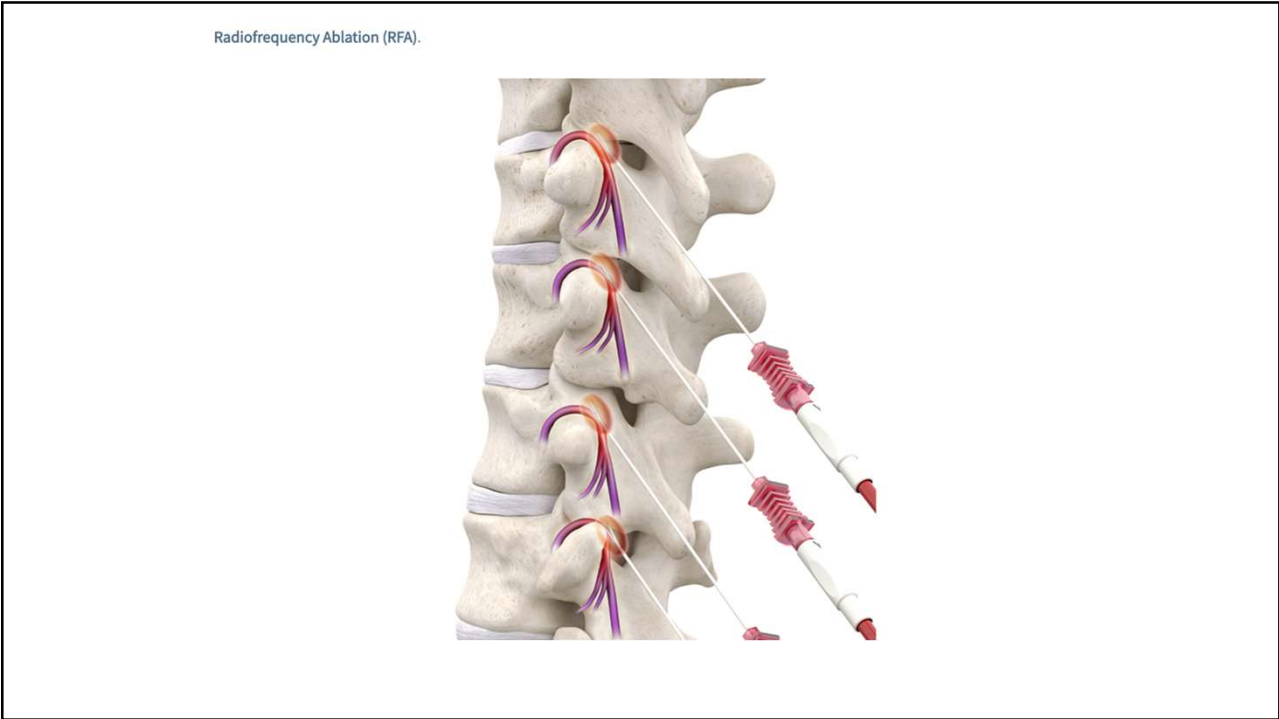
27



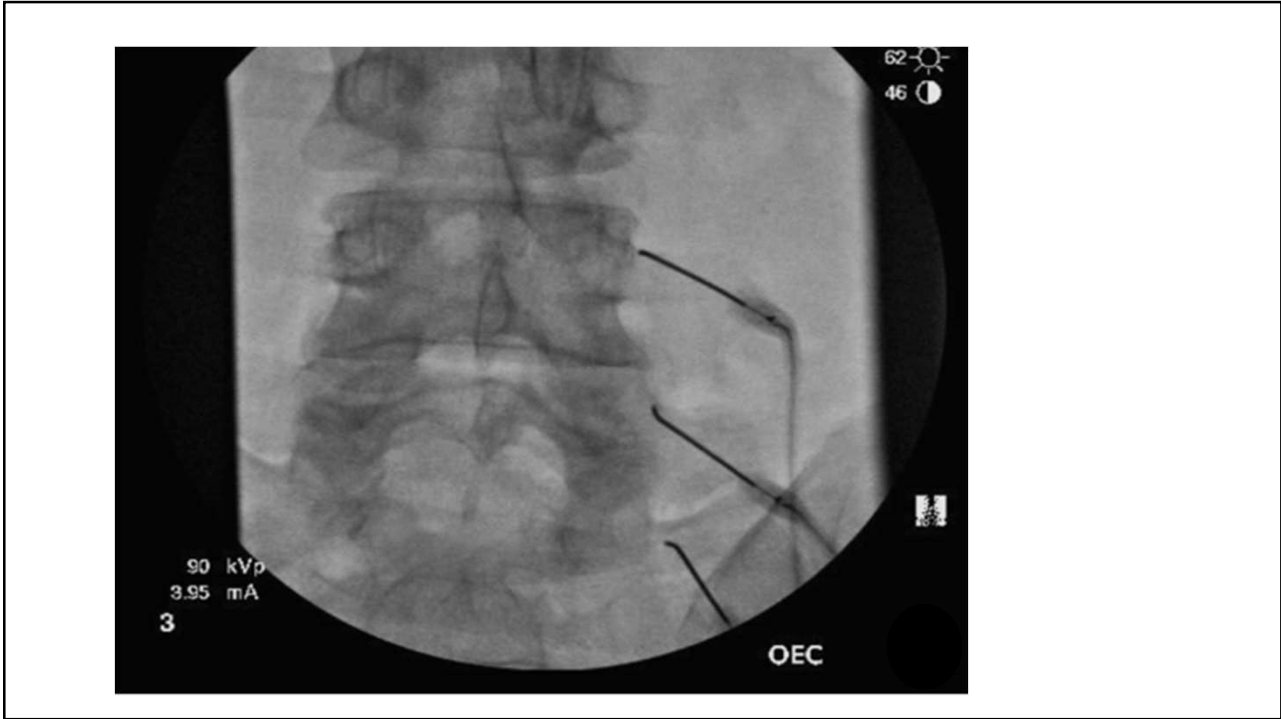
28



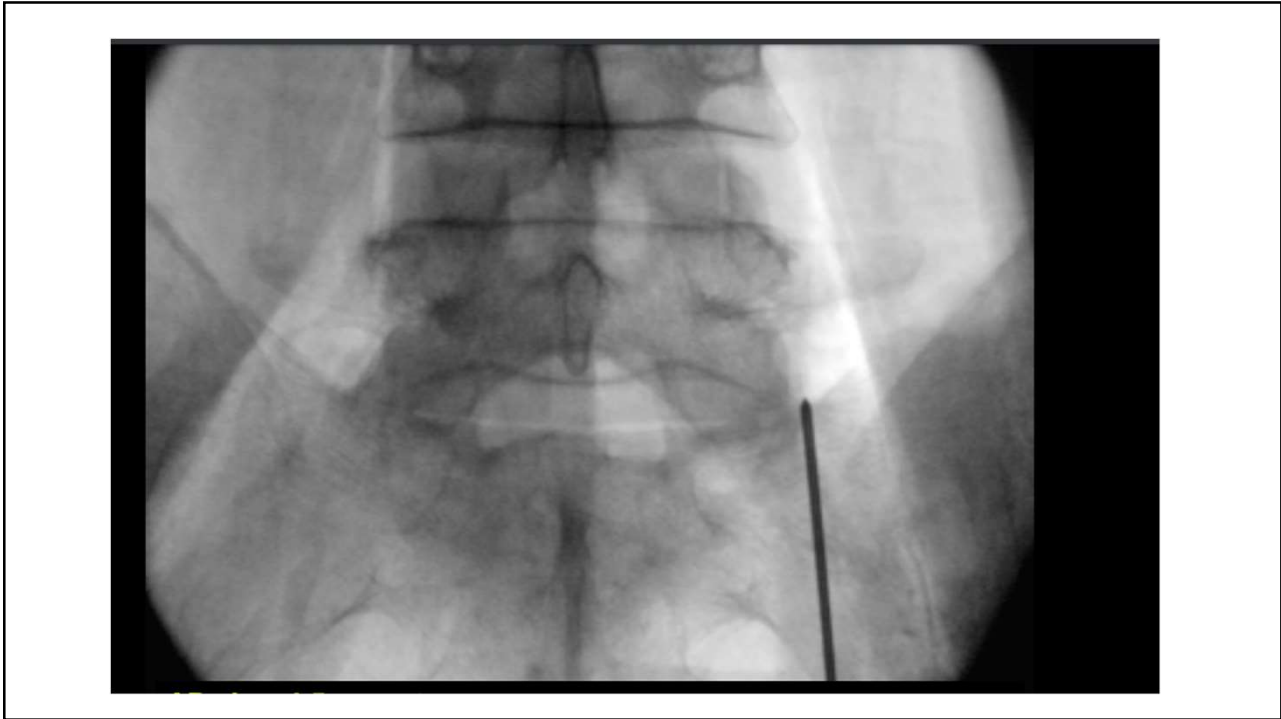
29



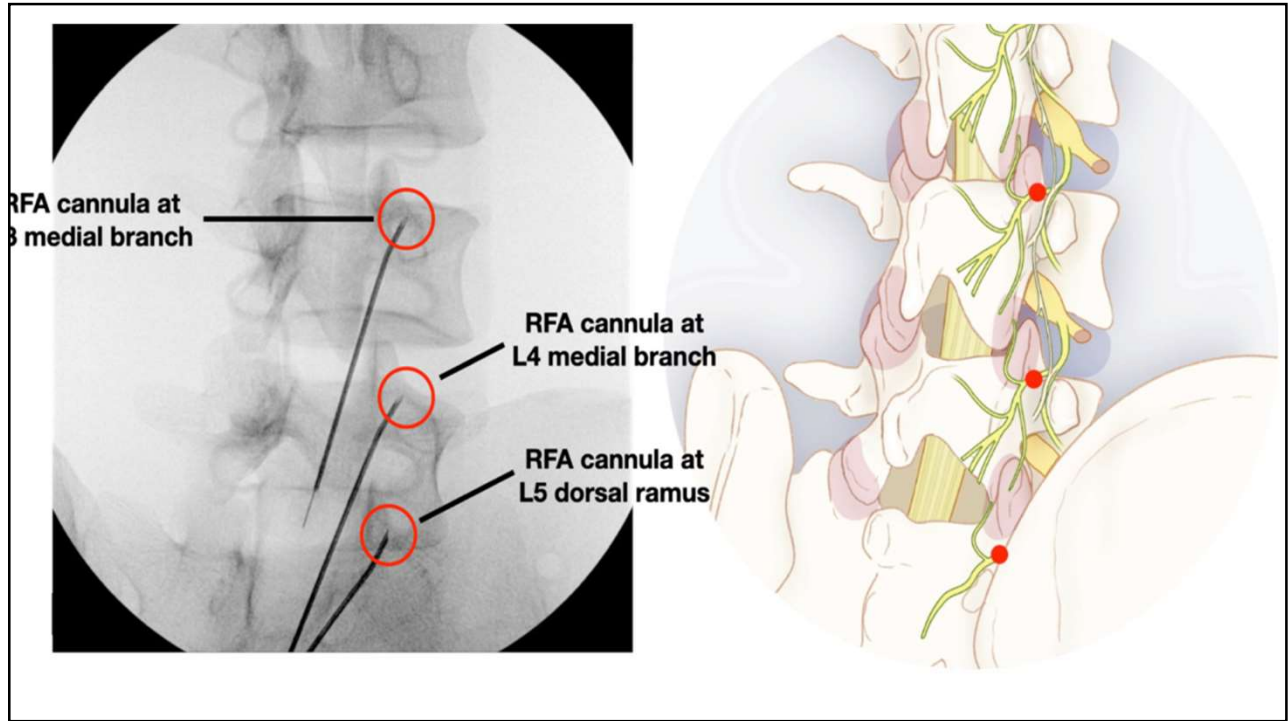
30



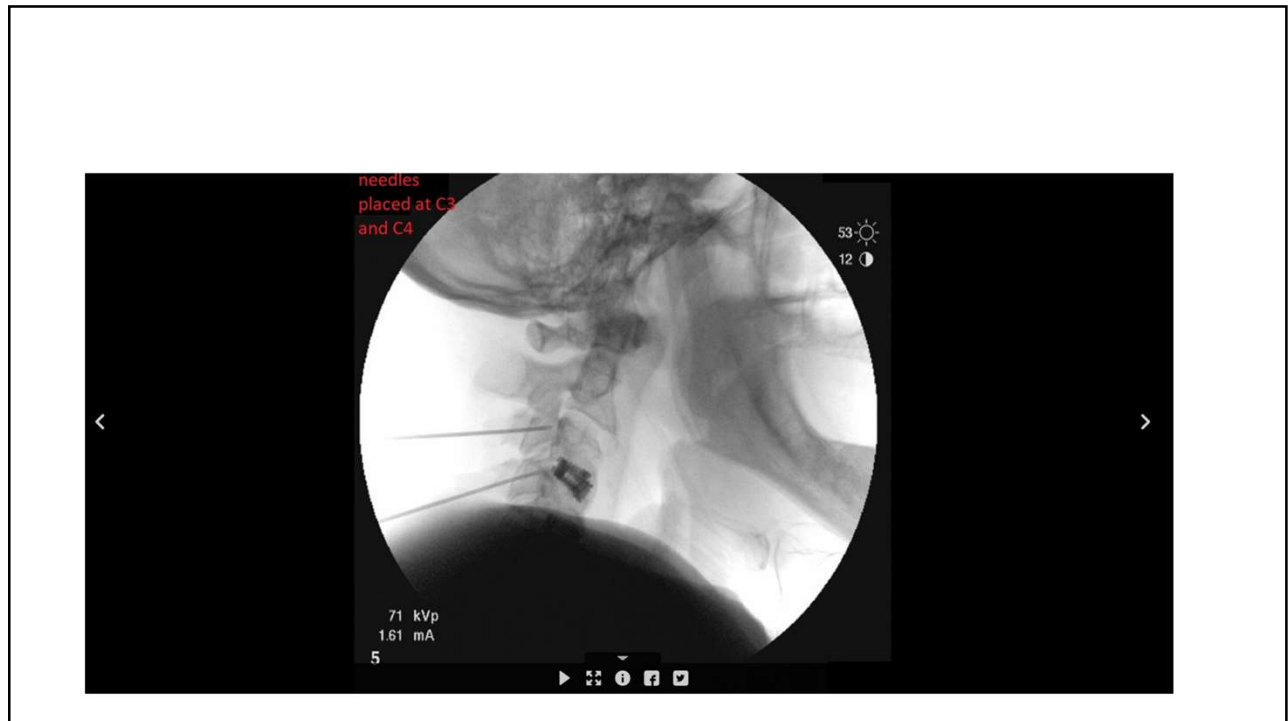
31



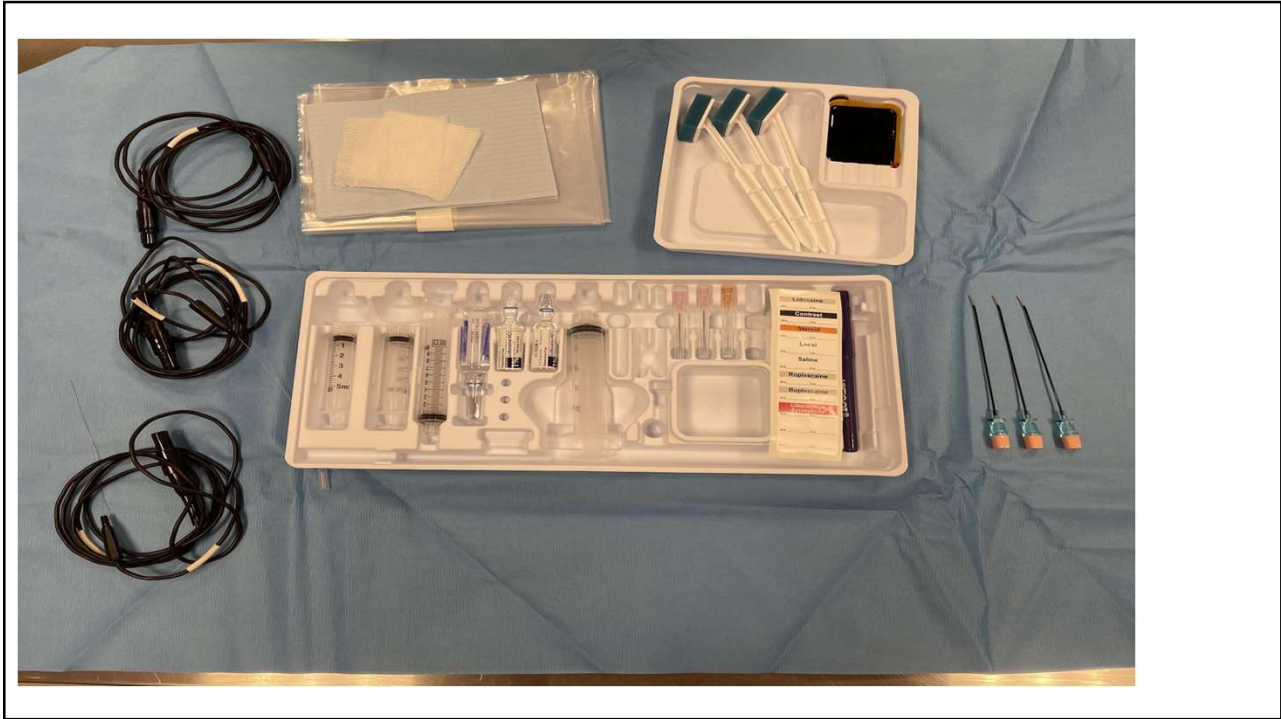
32



33



34



35



36



37



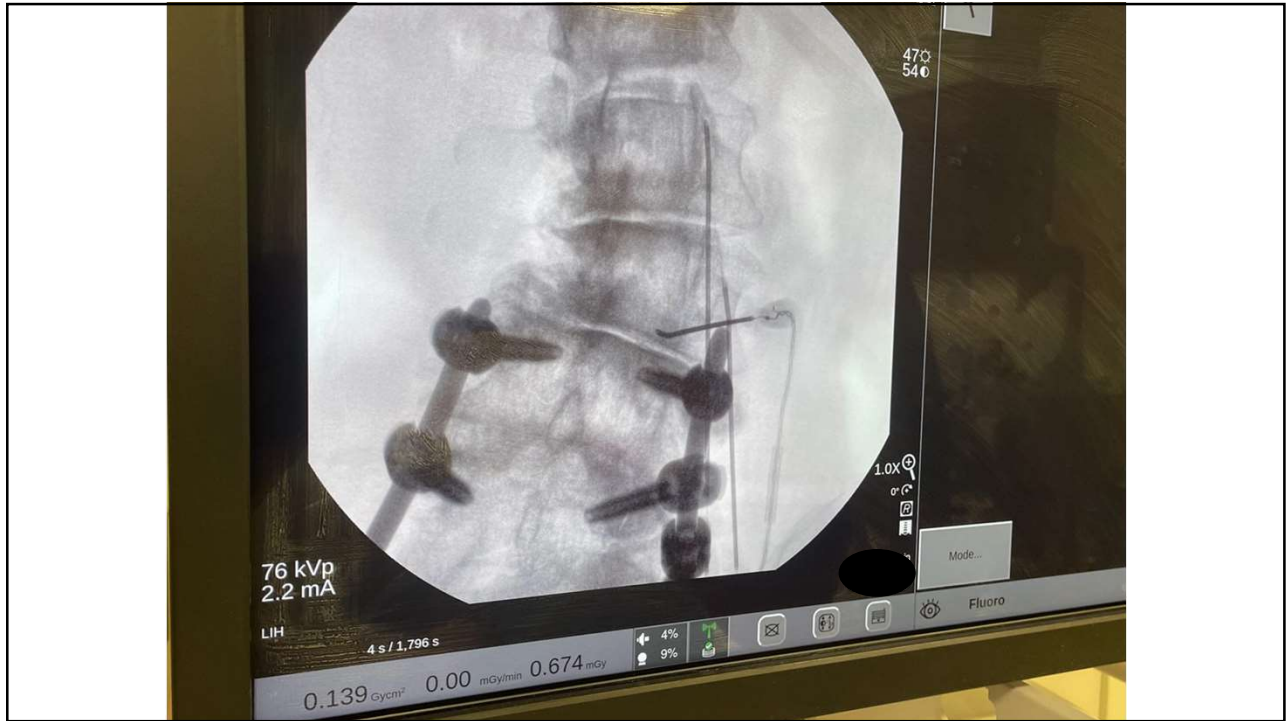
38



39



40



41



42



43



44

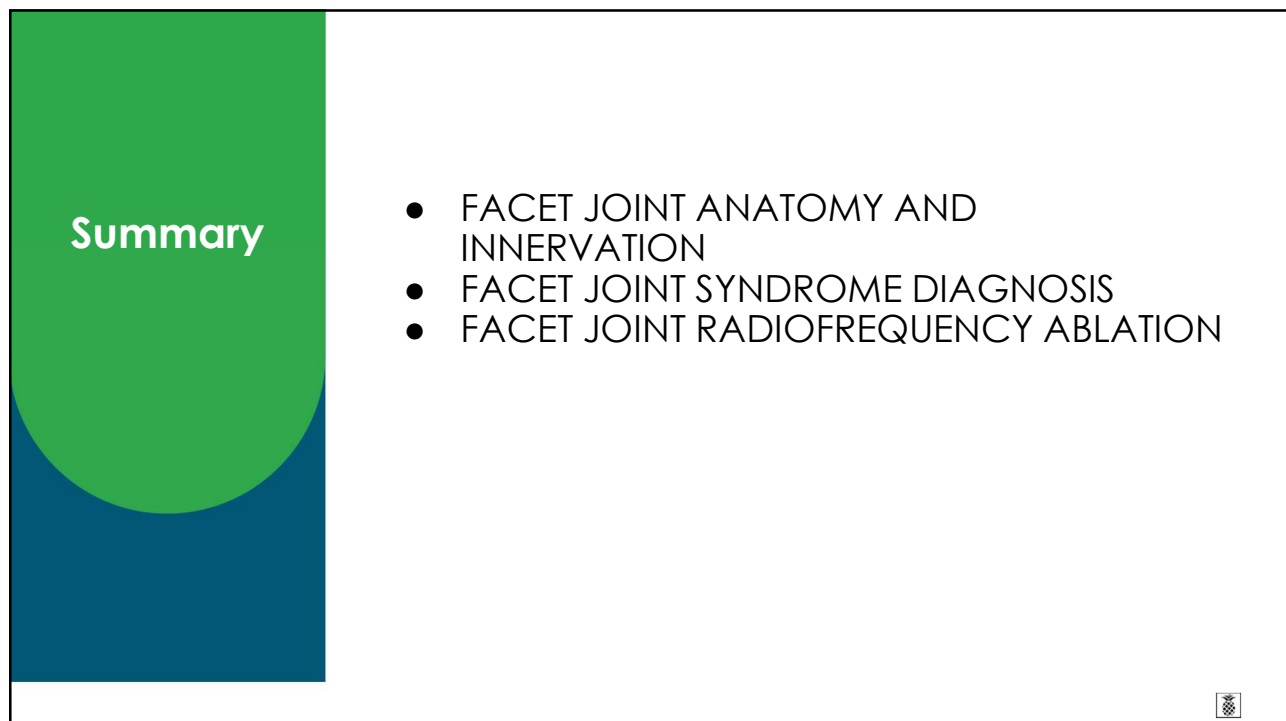


Outcome

- SUCCESS RATE
- COMPLICATIONS




45



Summary

- FACET JOINT ANATOMY AND INNERVATION
- FACET JOINT SYNDROME DIAGNOSIS
- FACET JOINT RADIOFREQUENCY ABLATION



46

References

- International pain and spine intervention society (ipsis)
- Consensus practice guidelines on interventions for lumbar facet joint pain from a multispecialty, international working group (2020)
- Consensus practice guidelines on interventions for cervical spine (facet) joint pain from a multispecialty international working group (2021)
- Regional anesthesia and pain medicine centers for medicare & medicaid services local coverage determination for facet joint intervention for pain management

