

DISCOGRAPHY

PRE-PROCEDURE DIAGNOSIS:

Lumbar degenerative disc disease

POST-PROCEDURE DIAGNOSIS: Same

PROCEDURE:

- 1) Discography at A
- 2) Fluoroscopic needle guidance

PHYSICIAN:

ASSISTANT: None

LOCAL ANESTHETIC INJECTED: 6 mL of 1% lidocaine at each level

MEDICATIONS INJECTED: Mixture of 1 gm Ancef with 20 mL of Omnipaque. Up to 2 mL injected at each level above. Marcaine 0.5%, 0.5 to 1 mL injected into each painful disc and also along the track of the exiting nerve at the end of the procedure.

SEDATION MEDICATIONS: None

ESTIMATED BLOOD LOSS: None

COMPLICATIONS: None

TECHNIQUE: Time-out was taken to identify the correct patient, procedure and side prior to starting the procedure. The patient was positioned prone on the fluoroscopy table. The patient was prepped and draped in the usual sterile fashion using DuraPrep and a fenestrated drape. The area to be injected was determined using fluoroscopy. Local anesthetic was given by raising a skin wheal and going down to the hub of a 27-gauge 1.25-inch needle. A 3.5-inch 25-gauge Quincke needle was used to create a deeper anesthetized tract. Next, a 22-gauge 7-inch Quincke needle was advanced to the SAP and then walked off just laterally. Under fluoroscopic guidance, the needle was introduced into the middle of the B disc. The fluoroscopic image was checked with both A-P and lateral views to confirm central disc location of the needle tip.

This same procedure was then repeated for the C disc, with the needle ending up in the middle of the disc via A-P and lateral fluoroscopic images.

This same procedure was then repeated for the D disc, with the needle ending up in the middle of the disc via A-P and lateral fluoroscopic images.

A Stryker discography manometer was used to inject E mL of a mixture of Ancef and Omnipaque 240 in the F disc. The maximum pressure was G PSI with a total volume of H mL. The patient I have concordant pain.

The manometer was then used to inject J mL of that same mixture of Ancef and Omnipaque 240 above into the K disc. A maximum pressure of L PSI was obtained. The patient did M have concordant pain.

The manometer was then used to inject N mL of that same mixture of Ancef and Omnipaque 240 above into the O disc. A maximum pressure of P PSI was obtained. The patient did Q have concordant pain.

At the painful level(s), 0.5 mL of bupivacaine 0.5% was then injected into the disc and the needles at all levels removed. The skin was cleaned and bandages applied over the needle entry sites.

The procedure was completed without complications and was tolerated well. The patient left the procedure room in satisfactory condition. The patient was monitored after the procedure. The patient (or responsible party) was given post-procedure and discharge instructions to follow at home. The patient was discharged in stable condition. A follow-up plan was made.

INTERPRETATION OF RESULTS: