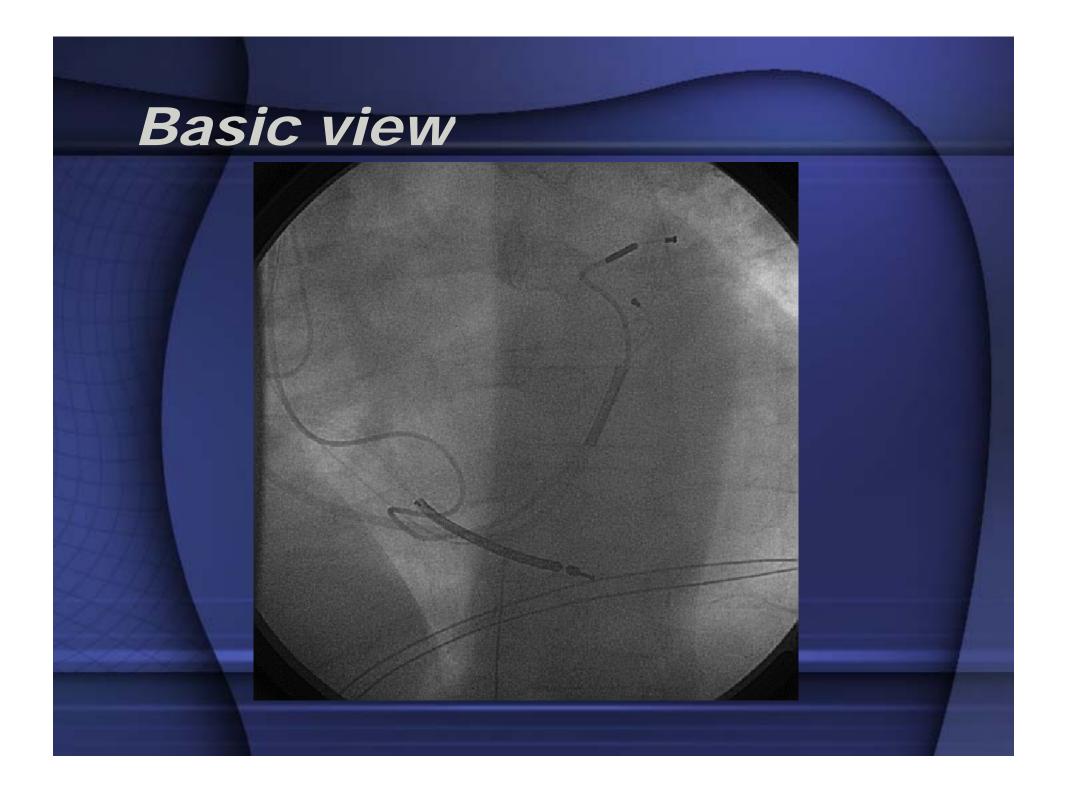


Patient:

- Male, 40 years old
- Diagnose: Pacemaker system endocarditis, systemic infection.
- Organic HD: dilated CMP, NYHA 3, EF 25%

Operations: 01/01/2006 CRTD Medtronic Marquis
08/10/2009 replace pacer in the same pocket
(Medtronic Concerto)
implanted new LV lead (reason: no
capture and no sensing of LVL)



All leads except LV removed using the tools:

Locking stylet

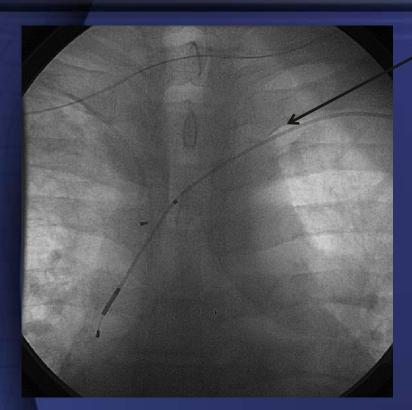


Polyethylene sheath

 Electrosurgical dissection sheath

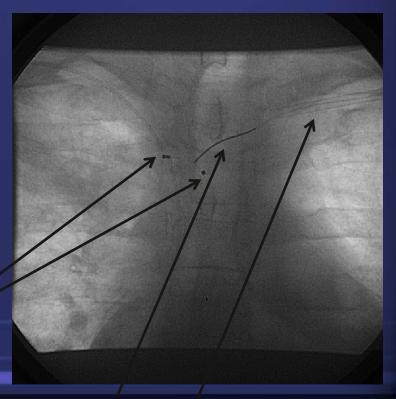


We were then left with one LV lead:

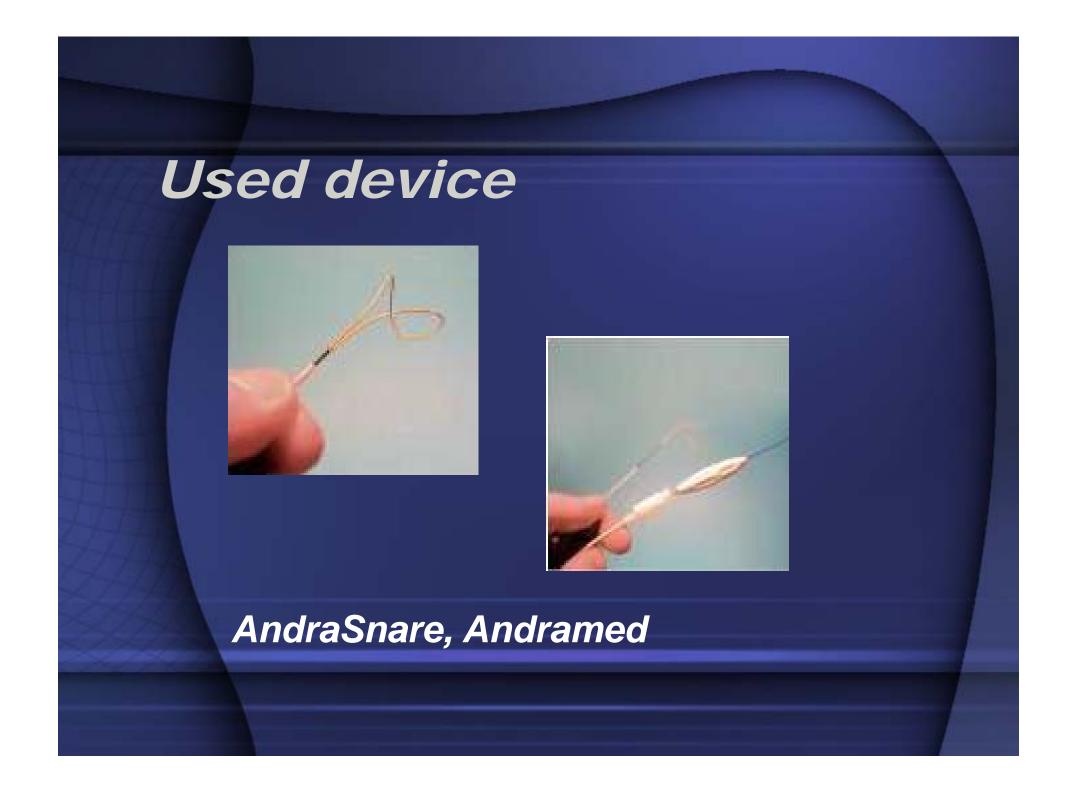


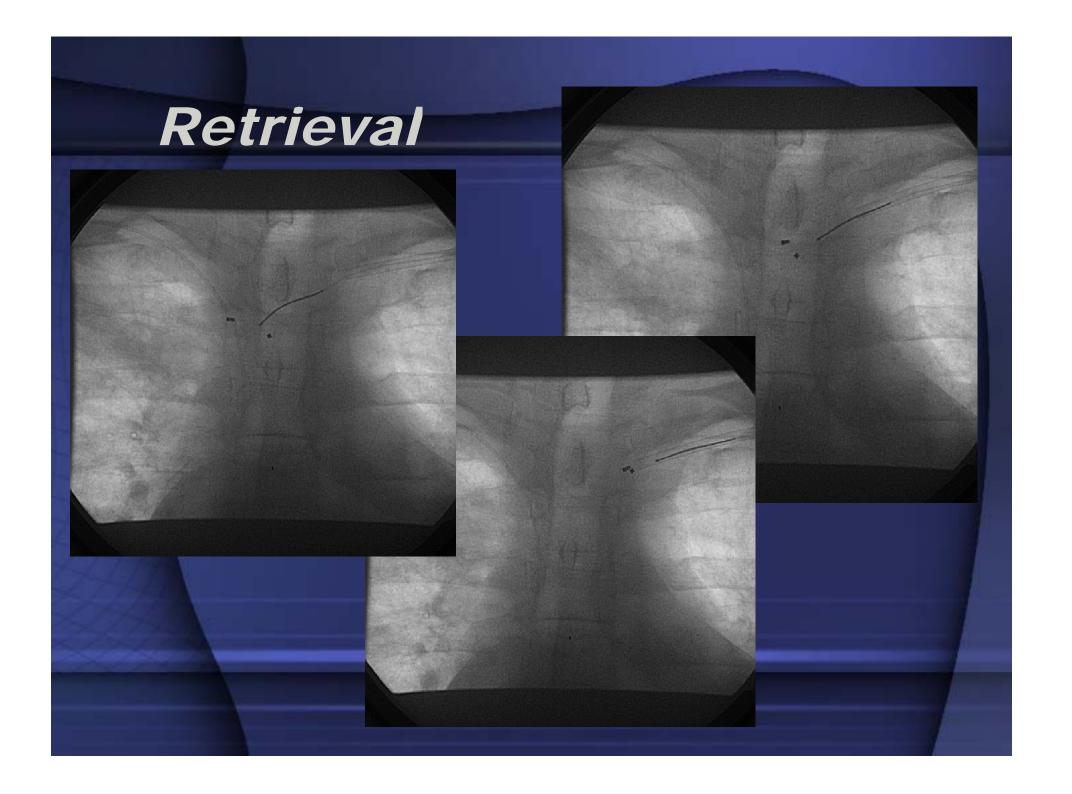
Retained segment with tip and ring markers still in vein

The LV lead was pulled by manual traction, mostly removed but distal segment (looks like 2 cm) with tip and ring retained in innominate vein (x-ray visible)



Lasso catheter approaching the retained segment via subclavian sheath







Visible markers

Radiolucent part (10 cm in length!)



When extracting lead segments remember that what you see by X ray may only be the tip of the iceberg ...

