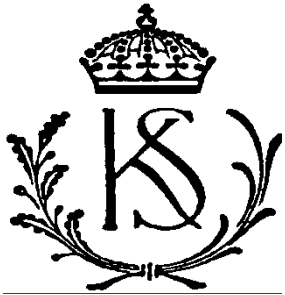
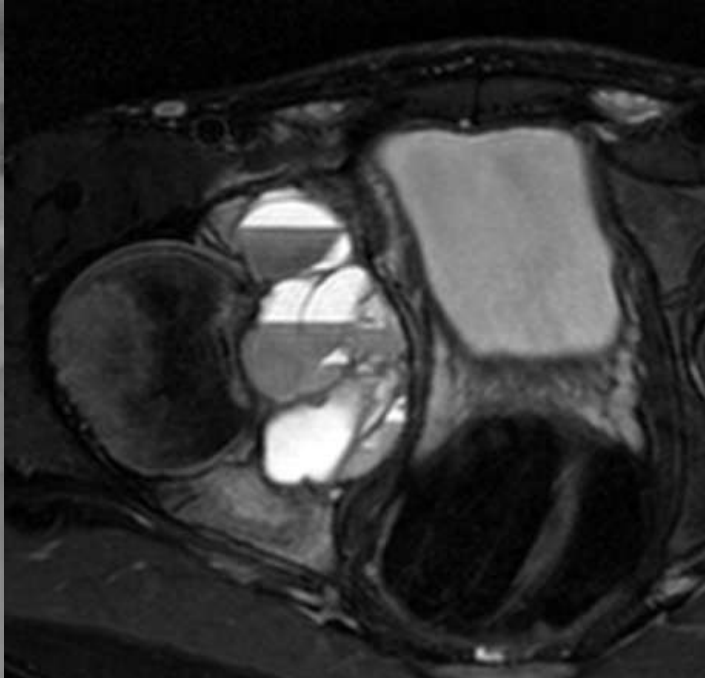


# ABC can easily be treated with polidocanol



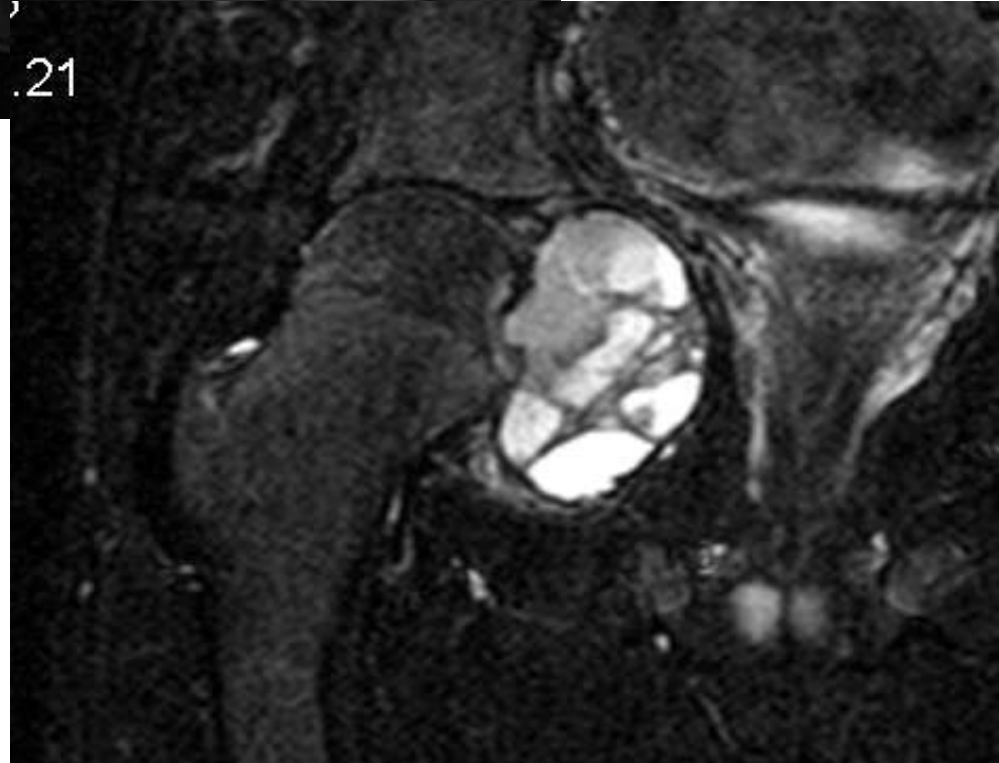
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Karolinska Hospital, Sweden





.21

13-years old boy with pain  
in right groin



# **Treatment of aneurysmal bone cysts with percutaneous sclerotherapy using polidocanol**

A REVIEW OF 72 CASES WITH LONG-TERM FOLLOW-UP

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*J Bone Joint Surg [Br] 2006;88-B:1212-16.*

## 3 CT-guided injections



## Method

- All 20 patients with ABC from Jan. 2007 to Sept. 2009
- Diagnostics: radiology and cytology
  
- Long bones            13 patients
- Sacrum                2
- Pelvic bones         2
- Talus/calcaneus     2
- Finger                 1
  
- Age                    5 – 27 (mean 16) years

# Method

- LA or general anesthesia
- Flourosopic or CT guidance
- Aspiration of blood
- Polidocanol = Aethoxysklerol 30mg/ml
- 2 mg/kg body weight
- Once every 4th week

# Method

## Injections of Polidocanol

- were continued if blood still could be aspirated
- were ended if nothing or only clear liquid could be aspirated
- Patients were followed with radiology until consolidation

## **Result**

- Mean 3.5 (1-11) injections
- All patients were successfully treated
- No patient was operated
- 3 patients experienced local inflammatory reaction during weeks after the sclerotherapy



1 injection



3 injections

enrik



31.0 mm

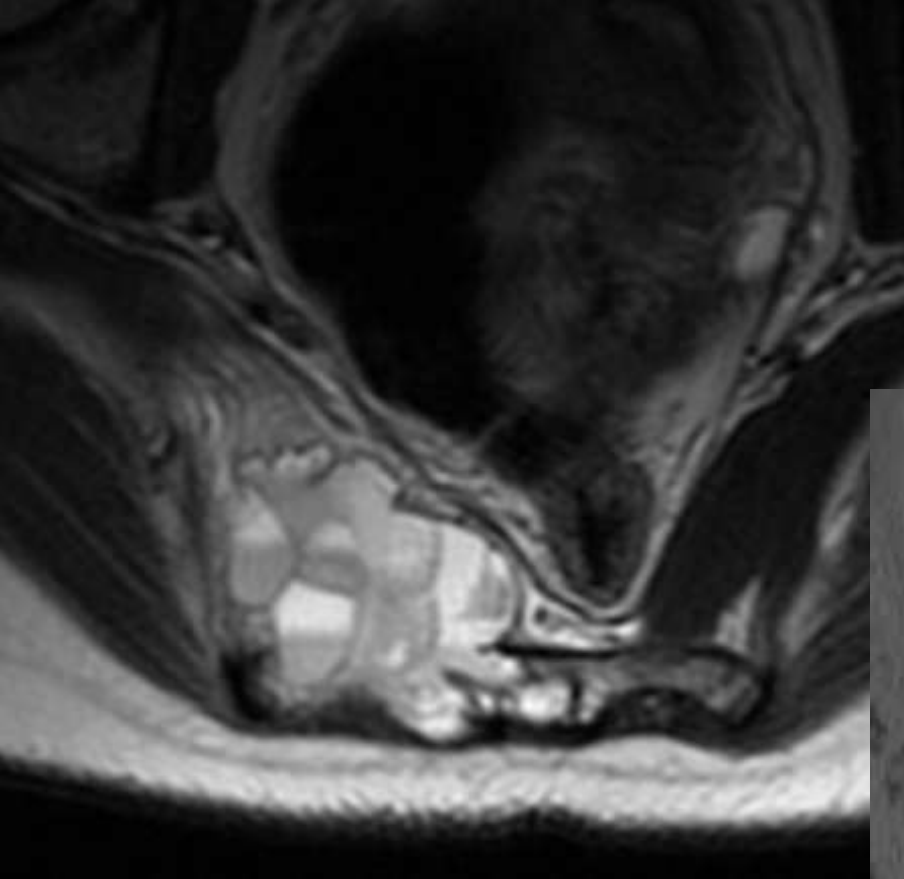


3 injections



11 injections!!

## 3 CT-guided injections



## Conclusions

- Treatment of ABC with repeated injections of Polidocanol is an easy and safe alternative to surgery
- Especially valuable in treatment of ABC in pelvis and sacrum
- No more surgery for ABC!?