

### Procedural Information

Location: Uppsala, Sweden  
Hospital: Uppsala University Hospital  
Physician: Dr K. Gunnar O. Åström  
Dr J. J. Sundström  
Dr P. G. Lindgren  
Dr K. Håkan Ahlström

### Clinical Case Review 4

# Sampling a lytic lesion: Lateral approach

### Case Description

#### Case history

Lymphoma patient with suspected progressive disease.

#### Biopsy details

Biopsy samples were obtained through the anchored Bonopty<sup>®</sup> Penetration Cannula, with both Monoopty<sup>®</sup> biopsy instrument (n=4) and Bonopty<sup>®</sup> Biopsy Cannula (n=1).

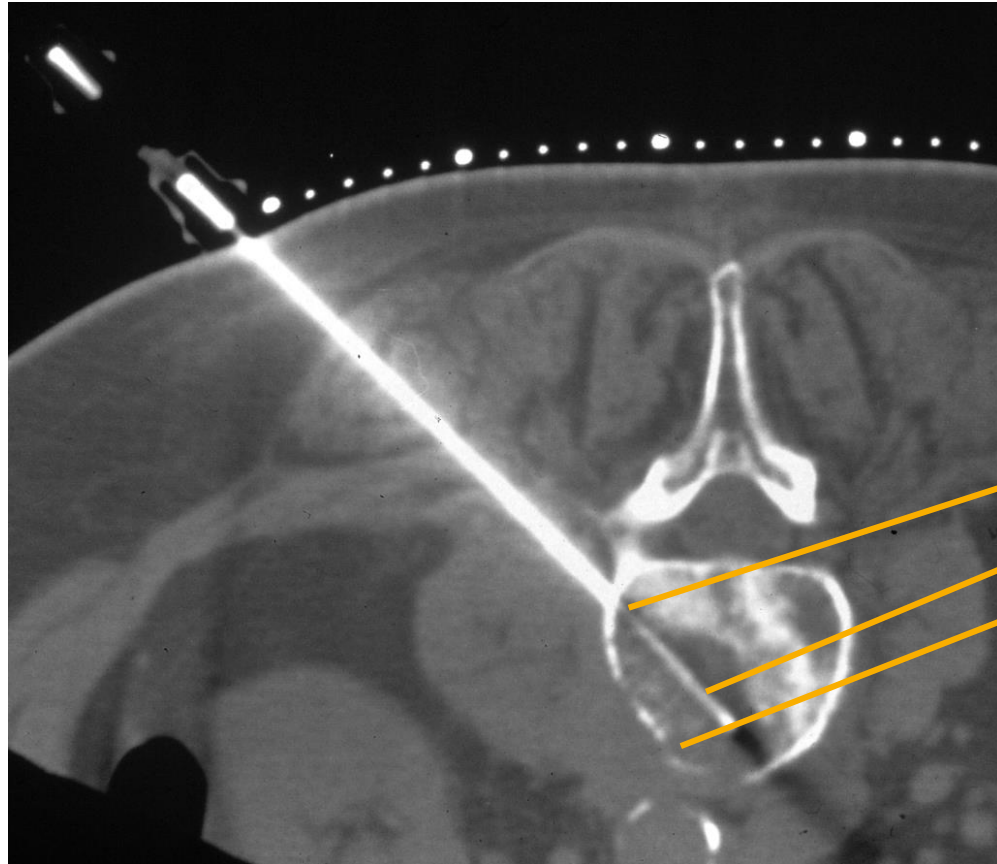
#### Analysis of the samples

Five short samples were obtained, four of which showed areas of lymphoma. The best specimen was acquired with Bonopty<sup>®</sup> Biopsy Cannula, presumably due to partly intact bone content of the lesion.

#### Comments

It was easy to exchange one biopsy sampling needle for another through the anchored Bonopty<sup>®</sup> Penetration Cannula.

# Sampling a lytic lesion: Lateral approach



CT scan of the third lumbar vertebrae

Anchored Bonopty® Penetration Cannula

Bonopty® Biopsy Cannula

*Lytic lesion with bone structure*

Case and image courtesy of Dr K. Gunnar O. Åström, Dr J. J. Sundström, Dr P. G. Lindgren, Dr K. Håkan Ahlström, Uppsala University Hospital, Sweden.