

# Bonopty<sup>®</sup>

## Bone Biopsy System

### Procedural Information

Location: Uppsala, Sweden  
Hospital: Uppsala University Hospital  
Physician: Dr K. Gunnar O. Åström  
Dr K. Håkan Ahlström

Clinical Case Review 5

## Sampling a lytic lesion: Transpedicular approach

### Case Description

#### Case history

Breast cancer with skeletal metastasis.

#### Biopsy details

Through the anchored Bonopty<sup>®</sup> Penetration Cannula, 4 biopsies were performed from the mostly lytic lesion: one with Bonopty<sup>®</sup> Biopsy Cannula and 3 with a biopsy gun.

#### Analysis of the samples

Two adequate specimens obtained with the biopsy gun showed metastasis.

#### Comments

Anchorage in the bone ensures a stable position, facilitating multiple biopsies without the need for a controlling CT-scan. As the lesion was almost purely lytic, Bonopty<sup>®</sup> Biopsy Cannula was not suitable for obtaining a specimen.

# Sampling a lytic lesion: Transpedicular approach



CT scan of the third lumbar vertebrae

Anchored Bonopty® Penetration Cannula

15 mm throw (measurement line shown)

Case and image courtesy of Dr K. Gunnar O. Åström and Dr K. Håkan Ahlström, Uppsala University Hospital, Sweden.