

CLINICAL CASE REVIEW 5

BIOPSY IN THE SPINAL CANAL

Gangi-SoftGuard®
Coaxial Needle

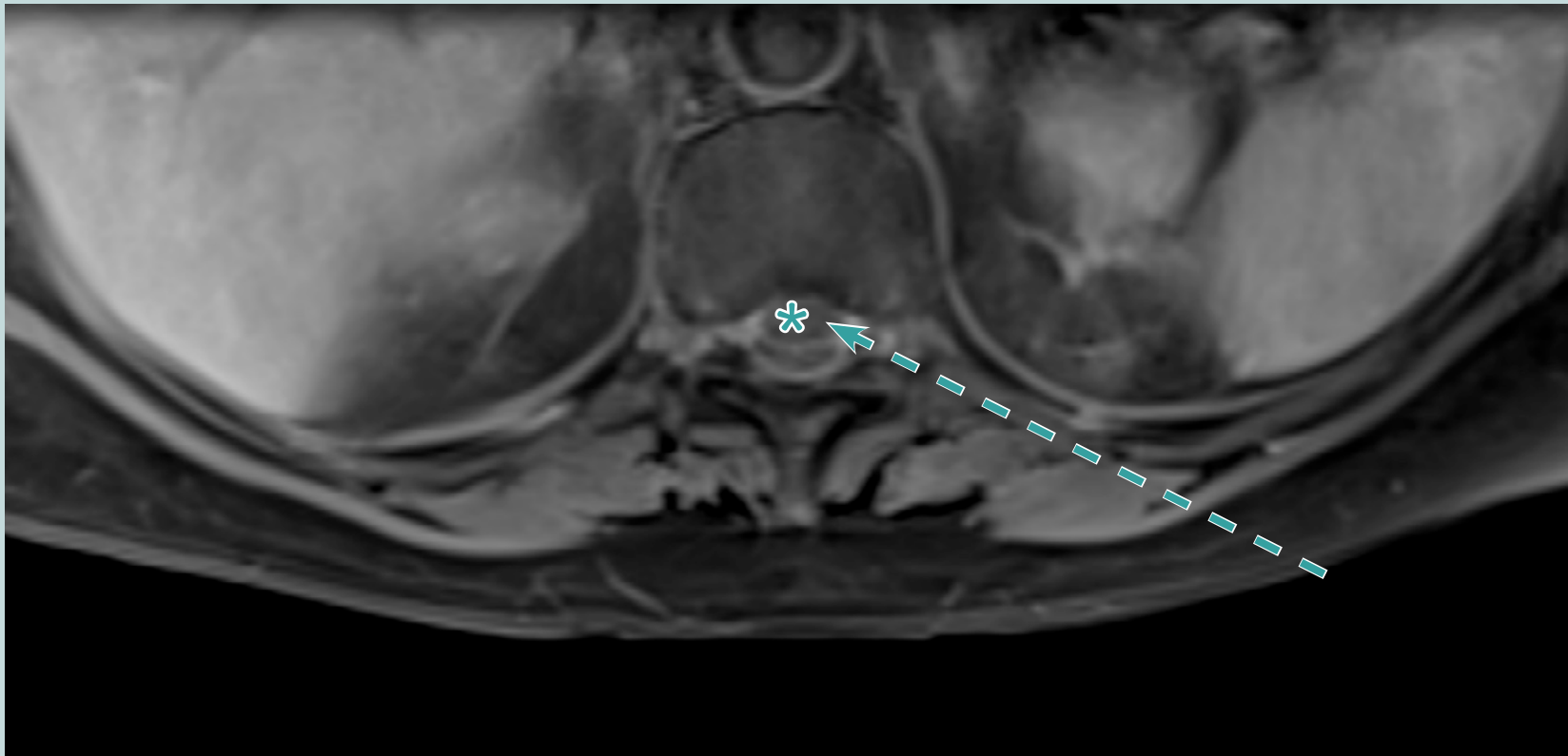
PROCEDURAL INFORMATION

Date of procedure	August 2016
Location	Strasbourg, France
Hospital	University Hospital of Strasbourg
Physician	Guillaume Koch, MD

CASE DESCRIPTION

In this case, Gangi-SoftGuard® was used for biopsy in the spinal canal. To access the lesion, advancement through the foramina containing sensitive vessels and nerves was needed.

The use of Gangi-SoftGuard® and its spring-loaded blunt tip stylet made it possible to safely pass the needle to the target, avoiding damage to vessels and nerves.



Target mass in the anterior part of the spinal canal marked with asterisk. The approach (dotted arrow) will go through the foramina that contains vessels and nerves.



Gangi-SoftGuard® is advanced. From the moment the needle enters the foramina (fourth image) the blunt tip is maintained exposed to avoid puncture any vessel or nerve.



Gangi-SoftGuard® is advanced in the mass.



Coaxial biopsy is performed through the Gangi-SoftGuard® needle.