

Procedural Information

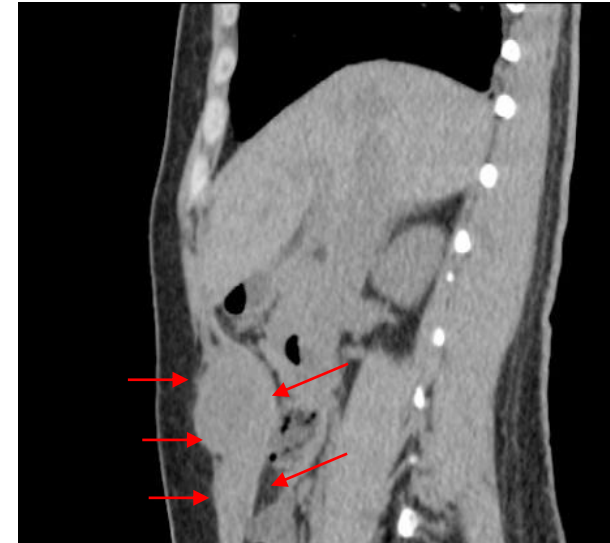
Date of procedure: May 2018
Location: Strasbourg, France
Hospital: University Hospital of Strasbourg
Physician: Afshin Gangi, MD, PhD
Pramod Rao, MD

Clinical Case Review 2

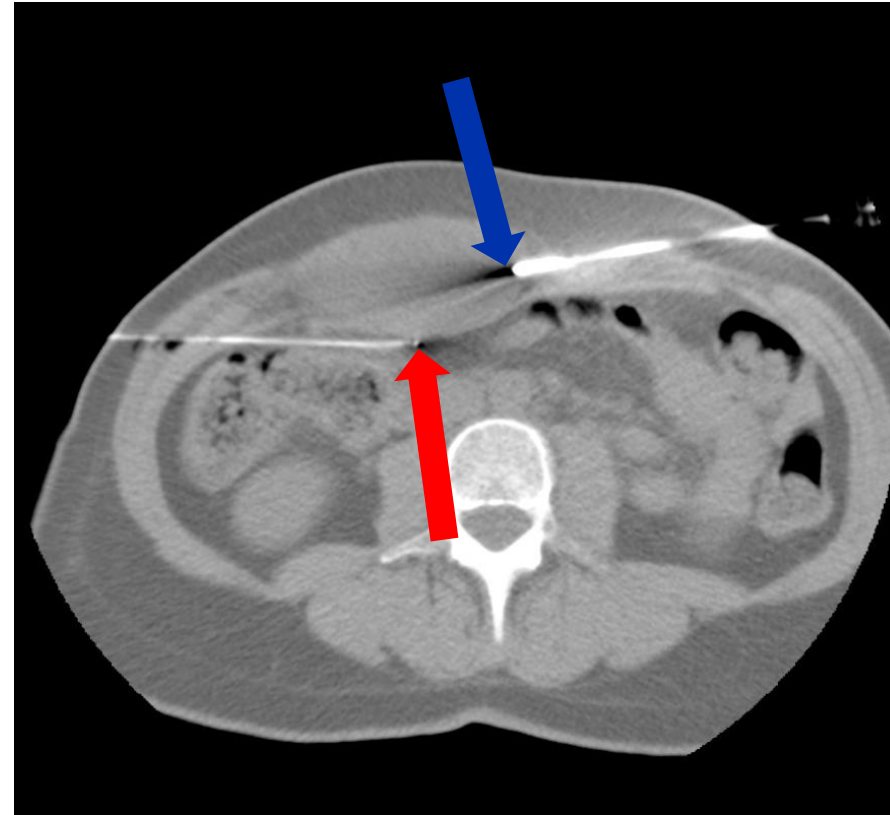
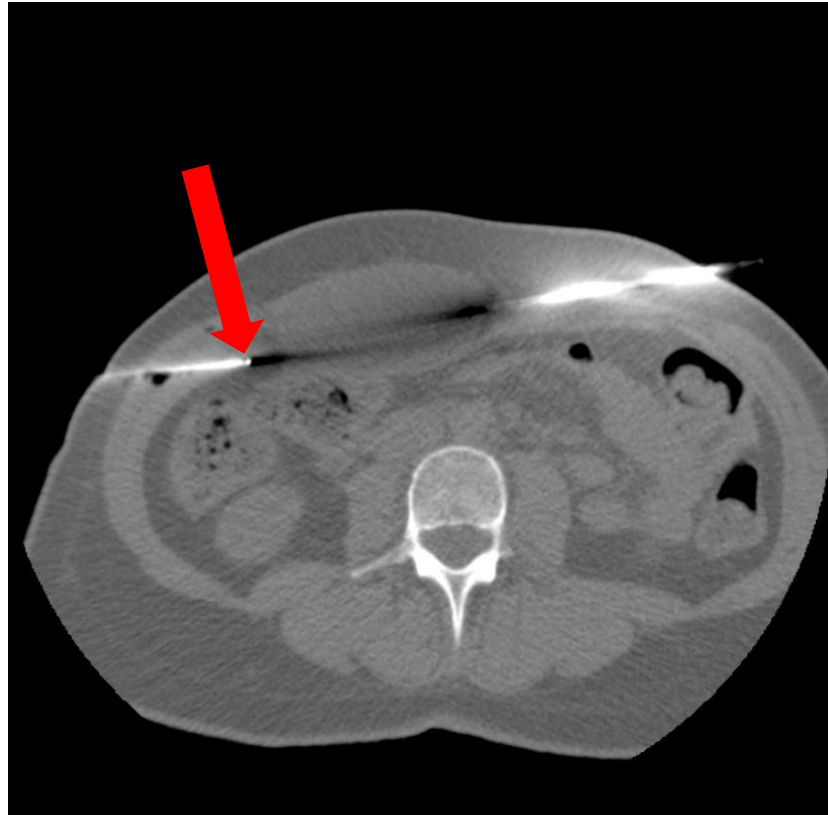
Cryoablation of a desmoid tumor of the abdominal wall

Case Description

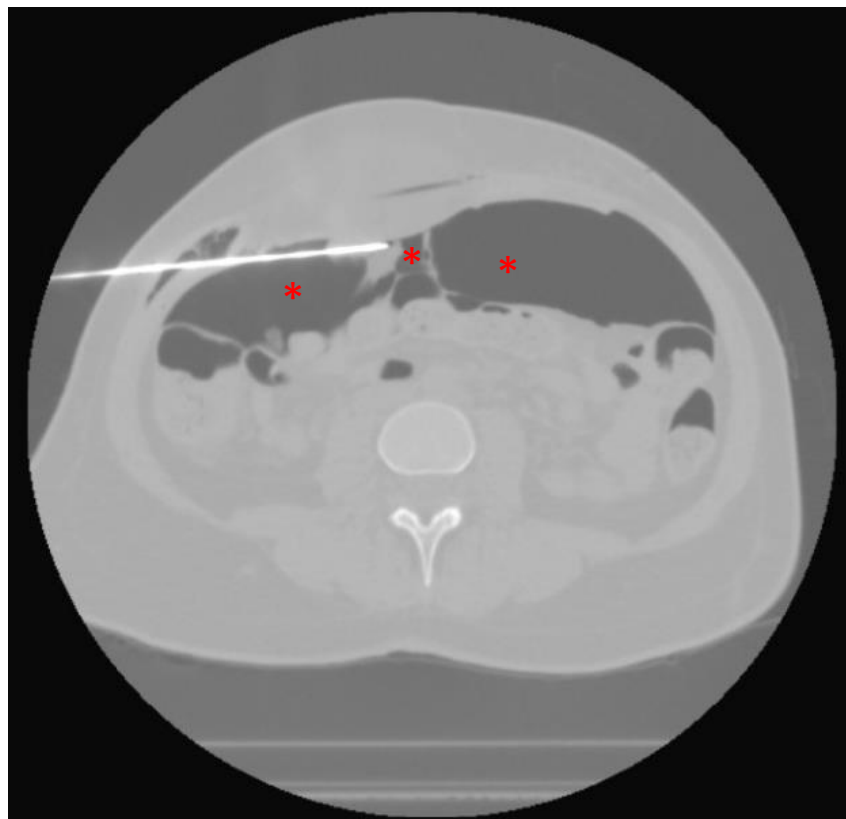
41 y.o woman presenting with a large painful 7cm desmoid tumor of the right rectus muscle of the abdomen. The lesion is located close to small bowel and transverse colon. Cryoablation was scheduled, with additional creation of a pneumoperitoneum using CO2 in order to avoid any thermal injury to the bowel.



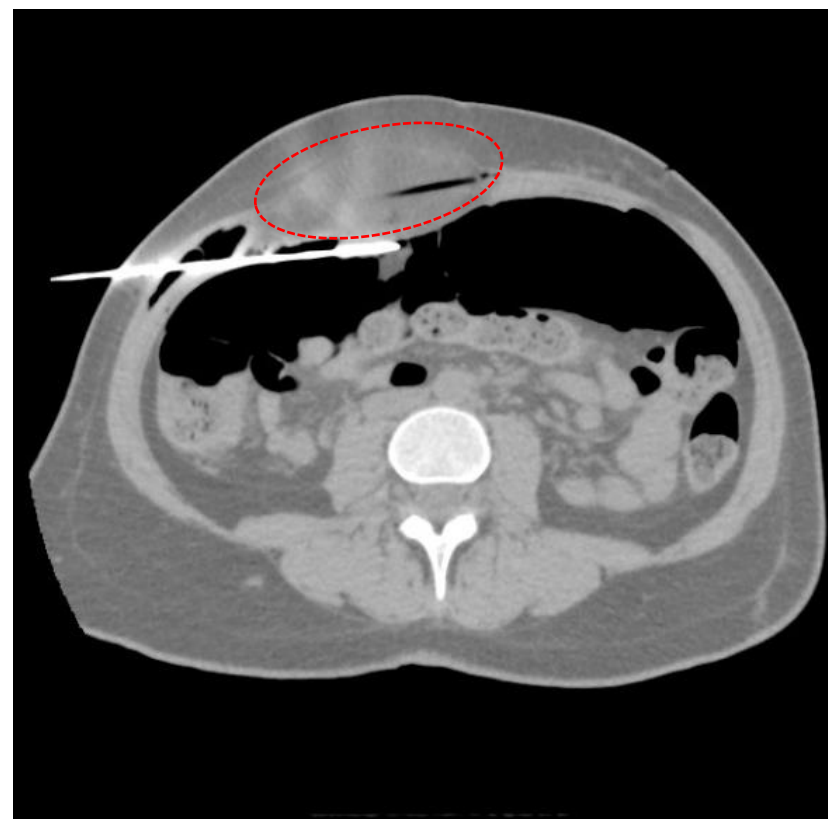
Axial (left) and sagittal (right) CT scan showing the mass (arrows).



A 17G 17cm Gangi-HydroGuard[®] (red arrow) was advanced. The needle allows to penetrate easily the peritoneum and then to navigate inside this virtual space using the blunt tip. Note one of the cryoprobes (blue arrow) advanced in the tumour.



CO2 injection (asterisk) through the Gangi-HydroGuard[®] allows to displace and insulate the bowel from the ablation zone.



Same view with soft tissue windowing shows the iceball (dotted circle) that is not in contact with bowel thanks to CO2 injection.

Case and image courtesy of Afshin Gangi, MD, PhD and Pramod Rao, MD, University Hospital of Strasbourg, Strasbourg, France