ABDOMINAL WALL RECONSTRUCTION USING BIOLOGICAL MESH AFTER RESECTION OF DESMOID TUMOR ARISING FROM TRANSVERSUS ABDOMINIS MUSCLE

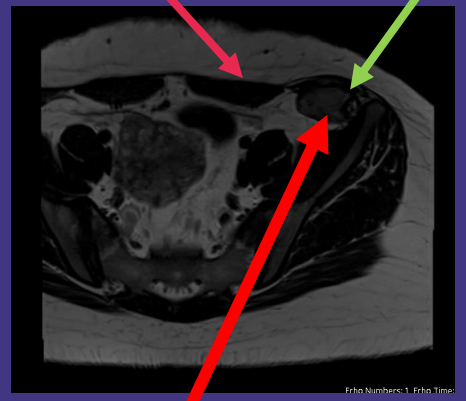
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Introduction:

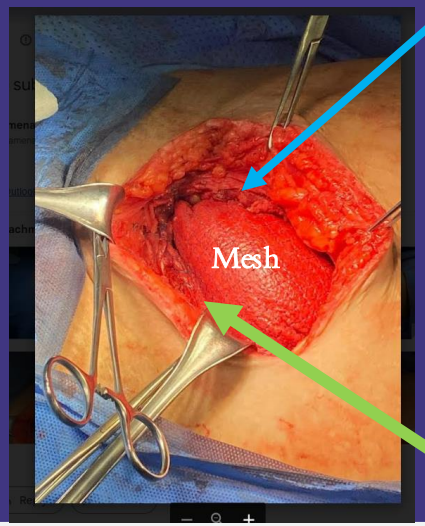
Desmoid tumors are uncommon non-cancerous growths that have a tendency to invade and recur locally. They typically arise from muscles and tendons, and can present challenges for medical treatment. In this case report, we describe a patient who underwent the removal of a portion of the transversus abdominis muscle, followed by abdominal wall reconstruction using OviTex® biological mesh.

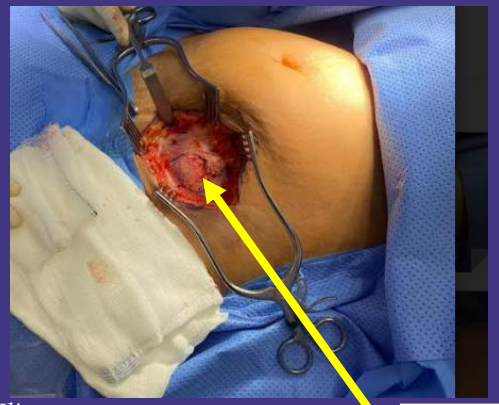
Case summary:

A 40-year-old female presented with a painful lump in the left lower quadrant of her abdomen. (MRI) and a computed tomography (CT) biopsy was done that showed the presence of a desmoid tumor arising in the left transversus abdominis muscle



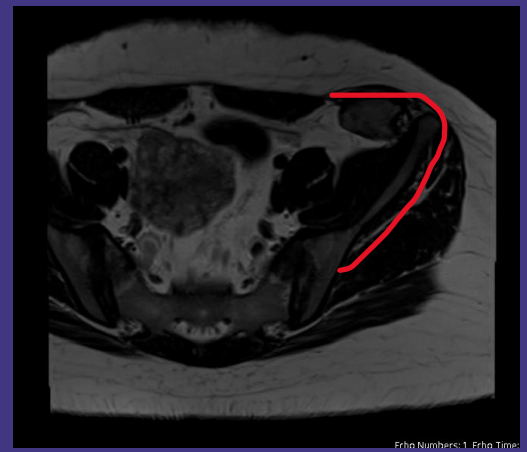
Left transversus abdominis muscle with the desmoid tumor





Treatment:

Surgical excision of the mass along with part of the external oblique, internal oblique, and transversus abdominis muscle and an abdominal wall reconstruction using a preperitoneal approach with placement of OviTex® 1S mesh in the preperitoneal space and used to close the defect. It was fixed inferiorly to the iliac crest, laterally to the edges of the remaining transversus abdominis muscle, and medially to the lateral edge of the rectus abdominis muscle.



Location of the mesh, in the preperitoneal space