

GLOBAL MEET ON ONCOLOGY AND CANCER RESEARCH

JUNE 29-30, 2023 | (Mercure Roma West Rome, Italy)



Dr. Hamdi Al Shenawi

Arabian Gulf University, Manama, Bahrain

An extremely rare case of Paraspinal Desmoid Fibromatosis in a 39-year-old female patient, post-liposuction: A case report and literature review

Desmoid fibromatosis is a slow growing, locally aggressive mesenchymal tumor. It primarily affects female adults. On the other hand, it rarely affects children and older adults. A large number of desmoid fibromatosis tend to arise from extra-abdominal locations, most commonly in the extremities. We report a case of paraspinal desmoid fibromatosis in a 39-year-old female patient. The patient presented post-liposuction with painless swelling in her lower back, which progressed to become painful after 2 years. Lumbar spine MRI revealed a mass in the right paramedian area opposite to the level of L2, not infiltrating the underlying structures with normal overlying subcutaneous tissue. Wide local excision with free margins was opted.

Discussion: A case report and literature review were performed. Ninety-seven (97) cases of paraspinal fibromatosis were reported. Desmoid tumor fibromatosis requires significant effort to be diagnosed due to its ambiguous clinical presentation.

Conclusion: According to the English literature review, our case is the first paraspinal desmoid fibromatosis post liposuction of the back. To the best of our knowledge, this is the first extensive literature review involving all the reported cases of paraspinal fibromatosis. Worldwide, there still in need for a consensus agreement on guidelines for standardized treatment of desmoid fibromatosis.

Keywords: Desmoid tumor, Fibromatosis, Paraspinal, Trauma, Surgery, Bahrain, Post-liposuction.

Biography:

Dr. Hamdi Mohd Al-Shenawi MB Ch. B, FRCSI, FACS. His current post is Asst. Professor of Surgery, Surgical Department, College of Medicine & Medical sciences, Arabian Gulf University, Bahrain and is a Senior Consultant General, laparoscopic Surgeon, University Medical Centre UMC (King Abdullah Medical City), Bahrain. Dr. Hamdi graduated from Zagazig University Faculty of Medicine, Egypt. He is a Fellow of American College of Surgeons and Fellow of Royal College of Surgeon, Ireland and has a High Diploma Certificate in Minimal Access Surgery IRCAID, University of Strasbourg, France.