



Osteoid Osteoma-Failed Open Procedure Managed with RFA : Case Report

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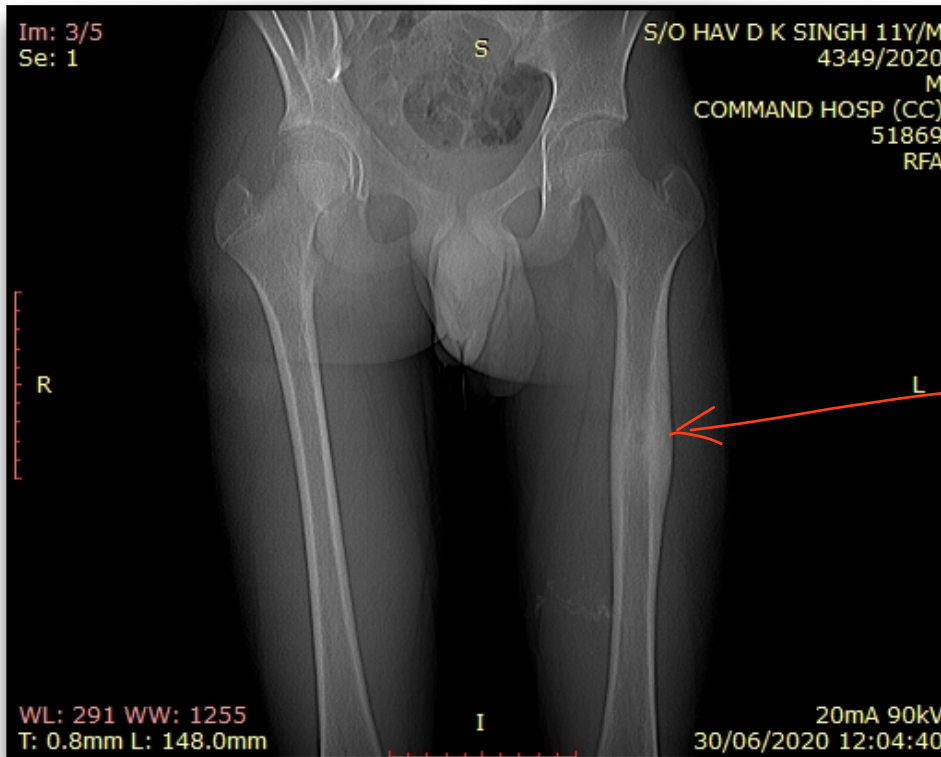


Introduction

- Osteoid osteoma is a rare benign bone neoplasm
- Incidence of 2-3% of all bone primary neoplasms
- It's small and benign lesion, causing debilitating discomfort to the patient
- Unremitting pain, typically exacerbated at night, causing limitation of daily life activities and quality of life
- Pain is characteristically relieved by NSAIDs
- Complete surgical resection not preferred modality and Radio frequency ablation (RFA) is reported to be safe and effective alternative to surgery, with low complication and recurrence rate and significant reduction in hospitalisation cost and duration

Case Report

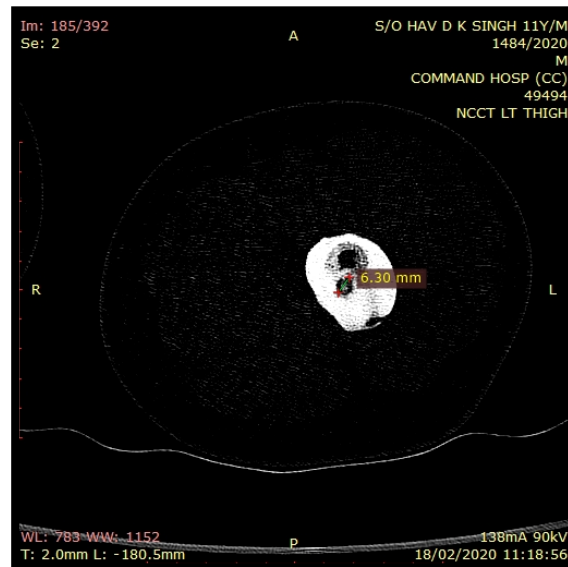
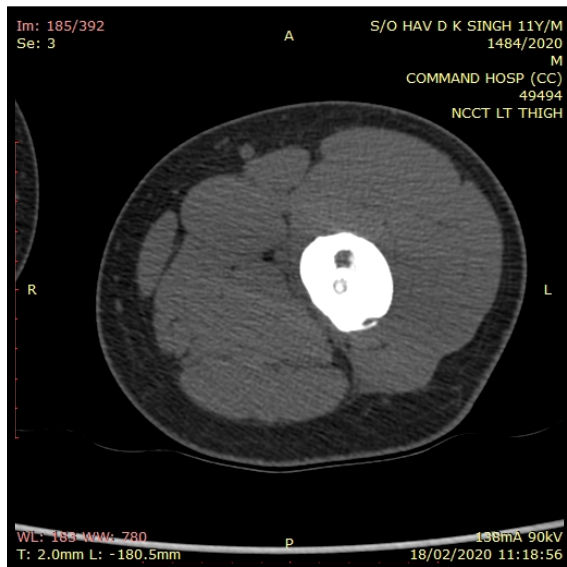
- 11 Y / M
- K/C/O- Osteoid osteoma left proximal femur
- Underwent surgery in July 2019
- Patient was pain-free for 02 months post-surgery
- Recurrence of pain which was worse at night & relieved by NSAIDS



Recurrence/ persistent lesion after 01 year

Management

- Post open surgery, he was ambulated partial weight bearing for over 04 weeks.
- Persistence of the lesion was confirmed on CT scan
- Hence was planned for RFA under CT guidance
- Procedure done under regional anesthesia once the lesion was localised under CT
- RFA applicator probe was inserted into the nidus through a cannula
- Using power setting of 5W, 0.9kJ was delivered in over 03 minutes



Results/ Conclusion

- Post procedure patient had immediate relief of symptoms, with a follow up of 06 months with no pain
- This case re-iterates the efficacy of RFA in the management of Osteoid Osteoma and why subjecting the patient to an open procedure is an unnecessary ordeal in present day practice

