

BREAKTHROUGH IN RADIOLOGY DIAGNOSIS

CASE OF : HEMATOMAS

PATIENT DETAILS

Name: PXXXX HXXXX

Age: 33 Yrs M

Investigation: MRI THIGH

CLINICIAN DETAILS

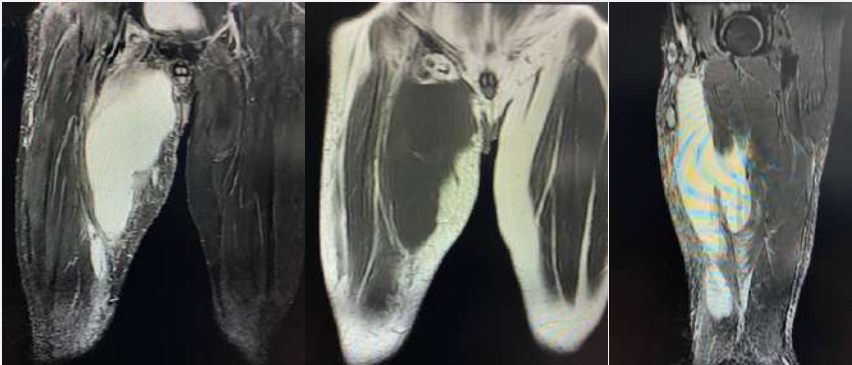
Name: Dr XXXXX XXXXX

RADIOLOGIST DETAILS

Name: DR KIRPAL CHAUHAN

MD , RADIOLOGIST

TECHNICIAN : RUSHIL PATEL



FINDINGS

LARGE WELL-DEFINED MULTILOCULATED MULTISEPTATED ABNORMAL SIGNAL INTENSITY COLLECTION SEEN IN SUBCUTANEOUS, MUSCULAR AND INTERMUSCULAR FAT PLANES IN MEDIAL AND ANTERIOR ASPECT OF UPPER TWO THIRD OF THIGH.

ANOTHER SIMILAR CHARACTERISTIC COLLECTION IS NOTED IN LOWER ONE THIRD OF THIGH IN INTRA AND INTER-MUSCULAR PLANE ANTEROMEDIALY.

RADIOLOGICAL FINDINGS

- THERE IS EVIDENCE OF LARGE WELL-DEFINED MULTILOCULATED MULTISEPTATED ABNORMAL SIGNAL INTENSITY COLLECTION SEEN IN SUBCUTANEOUS, MUSCULAR AND INTERMUSCULAR FAT PLANES IN MEDIAL AND ANTERIOR ASPECT OF UPPER TWO THIRD OF THIGH.**
- THE LESION APPEARS HYPOINTENSE ON T1-WEIGHTED IMAGES AND HYPERINTENSE ON T2-WEIGHTED IMAGES WITH FLUID-FLUID LEVELS WITHIN. FEW SMALL AREAS OF T1 HYPERINTENSITIES ARE NOTED WITH POSSIBILITY OF CLOT FORMATION.**
- OVERLYING SUBCUTANEOUS TISSUE APPEARS THICKENED AND SHOWS FAT STRANDING.**
- ANOTHER SIMILAR CHARACTERISTIC COLLECTION IS NOTED IN LOWER ONE THIRD OF THIGH IN INTRA AND INTER-MUSCULAR PLANE ANTEROMEDIALY.**

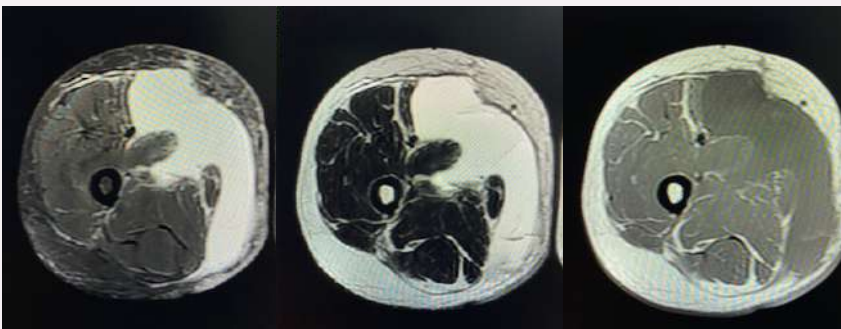
FEMORAL VESSELS APPEAR NORMAL.

COLLECTION DOES NOT SEEM TO EACH UP TO CORTICAL SURFACE OF FEMUR.FEMUR SHOWS NORMAL SIGNAL INTENSITY.

COLLECTION DOES NOT SEEM TO COMMUNICATE WITH HIP JOINT OR KNEE JOINT.

FEW MILDLY ENLARGED RIGHT INGUINAL LYMPH NODES ARE NOTED.

IN VIEW OF HISTORY OF RECENT TRAUMA, ABOVE-DESCRIBED COLLECTIONS ARE MORE LIKELY TO BE HEMATOMAS.



CLINICAL PROFILE

C/O PAIN AND SWELLING OVER MEDIAL SIDE OF THIGH.

H/O TRAUMA INJURY

PROCEDURE

SAGITTAL T2W & STIR , CORONAL STIR AND AXIAL T1W & AXIAL STIR AND T2W IMAGES THROUGH THIGH HAVE BEEN OBTAINED ON 1.5 TESLA WITH HIGH STRENGTH GRADIENTS.

**JANUARY
EDITION**

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