

BREAKTHROUGH IN RADIOLOGY DIAGNOSIS

CASE OF : PLAQUE AND LUMINAL NARROWING OF ARTERY

PATIENT DETAILS

Name: HXXXX LXXXX

Age: 62 Yrs M

Investigation:CT B/L LOWER LIMB ANGIO

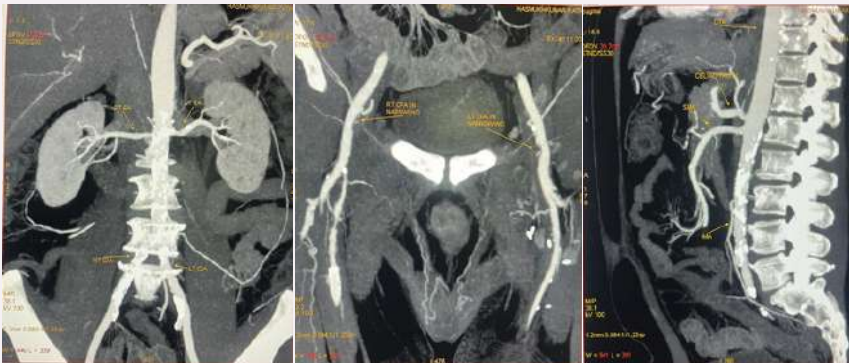
CLINICIAN DETAILS

Name: Dr XXXXX XXXXX

RADIOLOGIST DETAILS

Name: DR SANJAY PATEL
MD , RADIOLOGIST

TECHNICIAN : VIJAY



RADIOLOGICAL FINDINGS

- 1.SUPERFICIAL FEMORAL ARTERY - LONG SEGMENT ECCENTRIC SOFT PLAQUE WITH SMALL CALCIFICATIONS NOTED IN PROXIMAL SUPERFICIAL FEMORAL ARTERY FROM ITS ORIGIN, CAUSING ABOUT 70-80% LUMINAL NARROWING.**
- 2.METALLIC STENT NOTED IN SUPERFICIAL FEMORAL ARTERY UP TO ITS DISTAL SEGMENT. LACK OF FLOW RELATED ENHANCEMENT WITHIN THE STENT, EXCEPT SMALL CONTRAST DENSITIES ADJACENT TO ITS PROXIMAL AND DISTAL ENDS.**
- 3.SUPERFICIAL FEMORAL ARTERY - PROXIMAL SEGMENT REVEALS MILD TO MODERATE ATHEROMATOUS CHANGES.**
- 4.METALLIC STENT NOTED IN MID SFA, EXTENDING UP TO DISTAL SEGMENT WITH MINIMAL LUMINAL CONTRAST NEAR ITS PROXIMAL END. REST OF THE STENT SHOWING LACK OF CONTRAST OPACIFICATION.**
- 5.GRAFT NOTED FROM PROXIMAL SUPERFICIAL FEMORAL ARTERY AND EXTENDING UP TO POPLITEAL ARTERY WITH OPACIFIED LUMEN. HOWEVER FEW SMALL DISCRETE CALCIFIED PLAQUES NOTED.**

LACK OF FLOW RELATED ENHANCEMENT IN DISTAL SFA--NEAR TOTAL OCCLUSION.



FINDINGS

1.SUPERFICIAL FEMORAL ARTERY - LONG SEGMENT ECCENTRIC SOFT PLAQUE WITH SMALL CALCIFICATIONS NOTED IN PROXIMAL SUPERFICIAL FEMORAL ARTERY FROM ITS ORIGIN, CAUSING ABOUT 70-80% LUMINAL NARROWING.

2.DISTAL SFA REVEALS SIGNIFICANT ATHEROMATOUS CHANGES CAUSING 60-70% LUMINAL NARROWING.

MULTIPLE LEVEL ARTERY NARROWING.

CLINICAL PROFILE

C/O B/O LOWER LIMB PAIN MORE IN LEFT LOWER LIMB PAIN

O/C/O B/L SFA STENT

PROCEDURE

MDCT ANGIOGRAPHY OF BOTH LOWER LIMBS WAS PERFORMED IN 128 SLICE HD CT SCAN MACHINE . AFTER GIVING INTRA VENOUS NON- IONIC CONTRAST.

DECEMBER
EDITION