

MRI (Contrast) 10/4/21

Shows lesion

Adenocarcinoma

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MR Lower Abdomen (Pelvis) With Contrast

Patient Name	: CHARNJEET SINGH.	MRN	: ARAH.0000048471
Exam Date	: 10/04/2021	Age/Sex	: 40/M
Referred By	: Dr. Abhishek	Report Date	: 10/04/2021

Clinical History: Anorectal mass, on examination.

Equipment: Siemens Espree 1.5T wide-bore MR Scanner "Magnetom Espree".

Technique: MCER examination of the whole abdomen was performed using dedicated body coil. SE T1 & FSE T2 weighted images were obtained in the axial plane with correlative FSE T2 weighted images in the coronal plane using respiratory gating.

Contrast materials and other medications administered: IV GAD

OBSERVATIONS:

Urinary Bladder is well distended and reveals normal signal intensities on T1 & T2 weighted images. No obvious intravesical mass or filling defect seen. The wall appears smooth & regular. Perivesical fat planes appear fairly well preserved. No abnormal post contrast enhancement is seen.

There is mild irregular and heterogenous thickening observed in the anal canal measuring 15 x 15 mm thickness and appears nearly circumferential. This lesion appears mild T2 hyperintense and is seen approx 1.8 cm from the anal verge for approx 2.5-3.0 cm length. There is right anterior focal bulge of the mass. The fat plane of this anal canal mass with right sided apical prostate is lost focally - s/o local extension into prostate. Rest perianal and perirectal fat plane appears normal. The lesion appears T1 isointense and demonstrates restricted diffusion on DWI with low ADC - representing mitotic mass lesion. Post contrast, the lesion shows heterogenous enhancement.

Rest prostate appears normal.

Bilateral seminal vesicles appear normal in size, shape and signal morphology. No mass lesion is seen.

No evidence of any ascites / free fluid or pelvic lymphadenopathy seen.

Vascular structures under view display normal flow voids.

CONCLUSION: Anorectal mass lesion with local extension and loss of fat plane with the right apical segment of prostate -- K/C/O CA anorectum

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Rajarshi Bahadur

Dr Rajarshi Bahadur
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It is advised that this report is best evaluated by the referring doctor. Patient identity not verified.
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Wishing you good health!