

# **TEACHING FILES**

## **VIDRAD**

# Müllerian Duct Anomalies Imaging Spectrum on MRI

Dr. Akhil Gupta

Junior resident

Department of Radiology

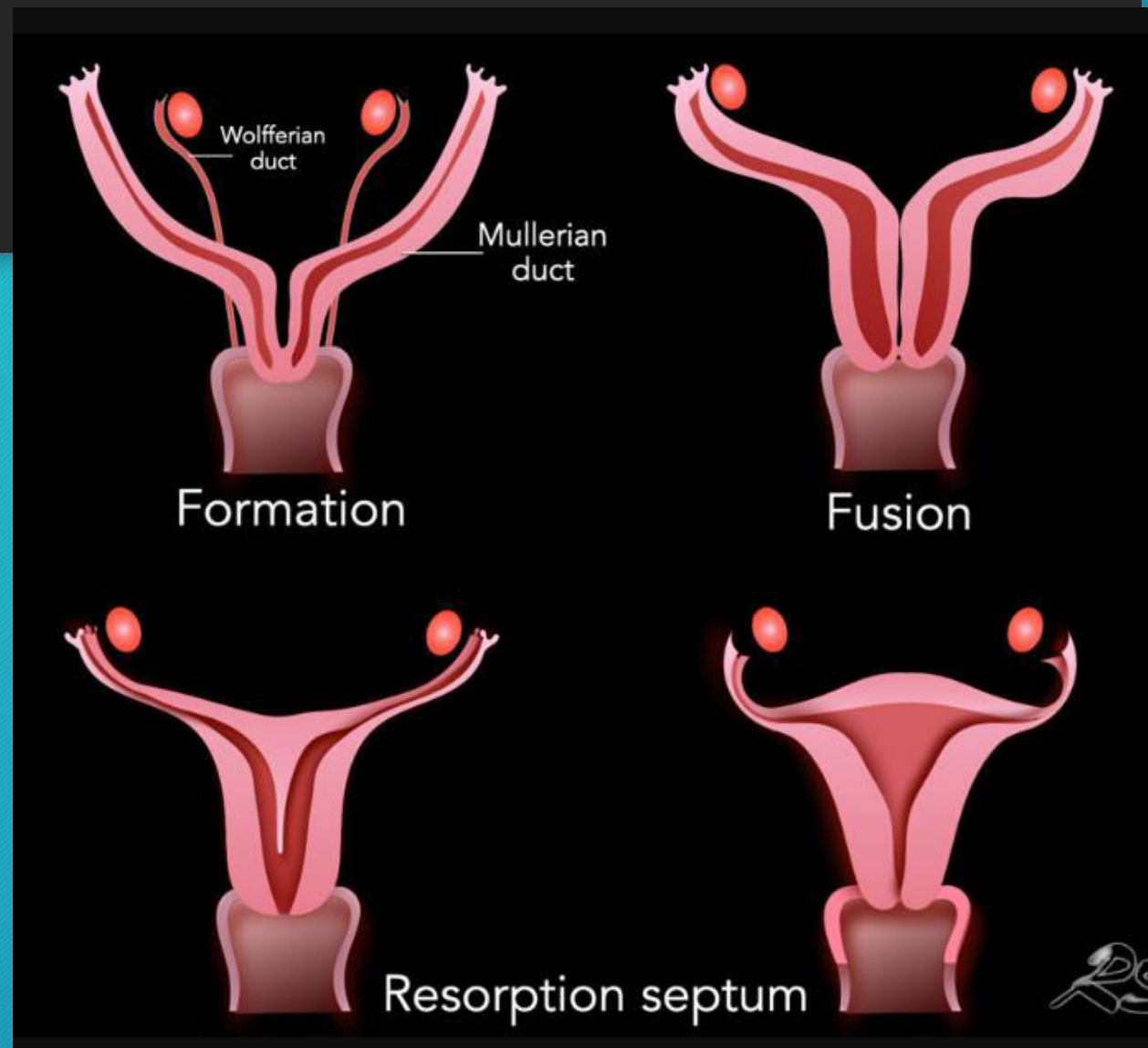
AIIMS, Nagpur

# Introduction

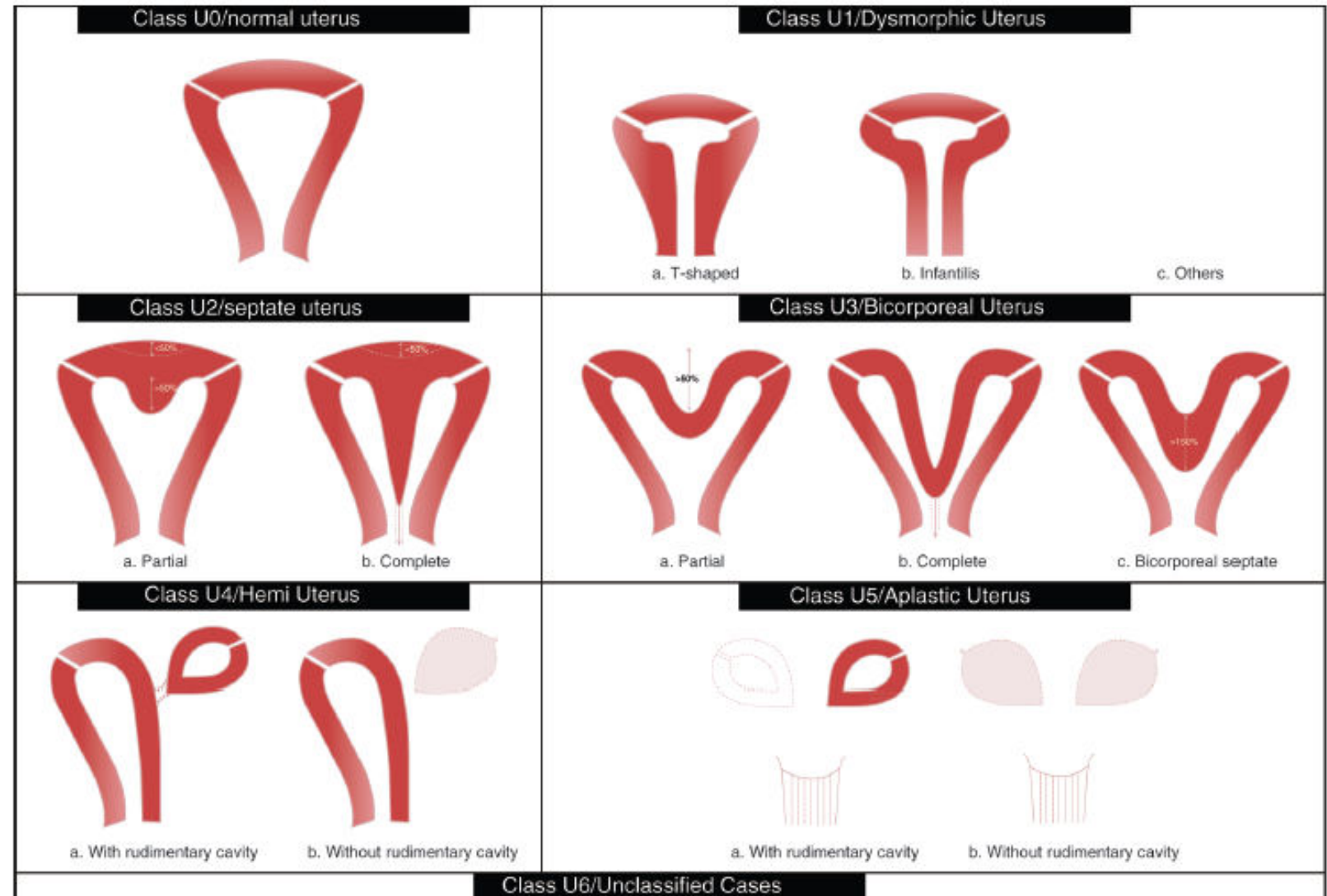
Congenital malformations of the female genital tract result from embryological maldevelopment of the Mullerian or paramesonephric ducts. They represent a rather common benign condition with a prevalence of 4-7%. They are associated with health and reproductive problems.



# Embryology

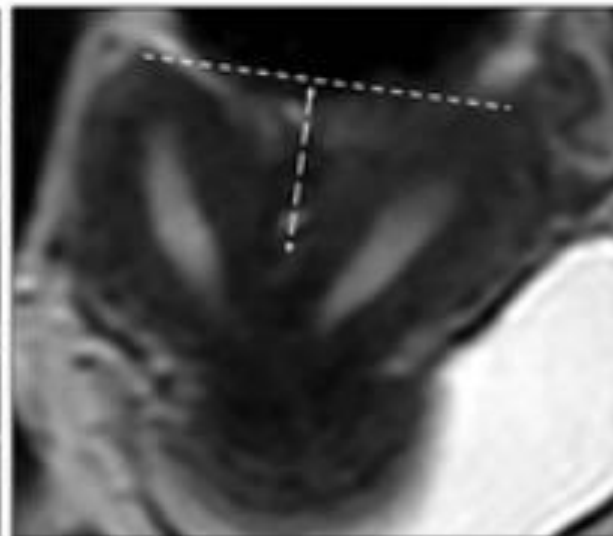
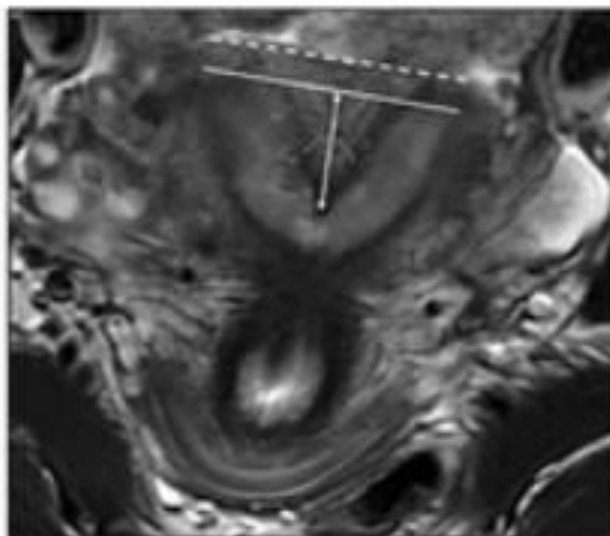
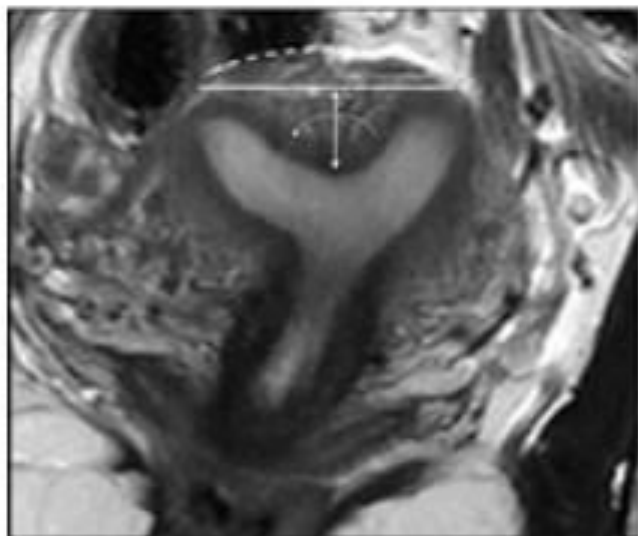
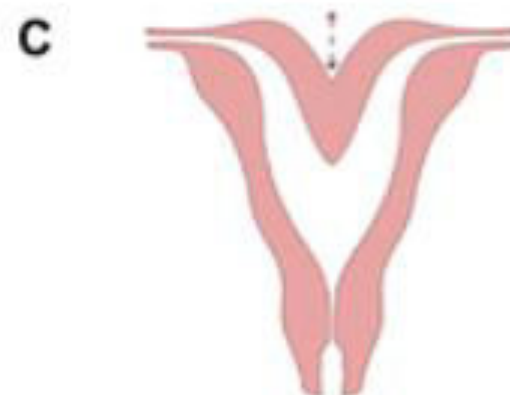
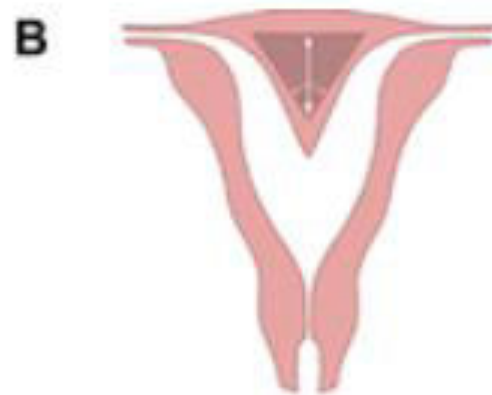
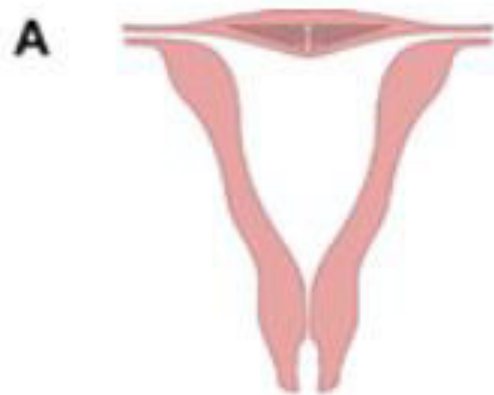


# ESHRE Classification

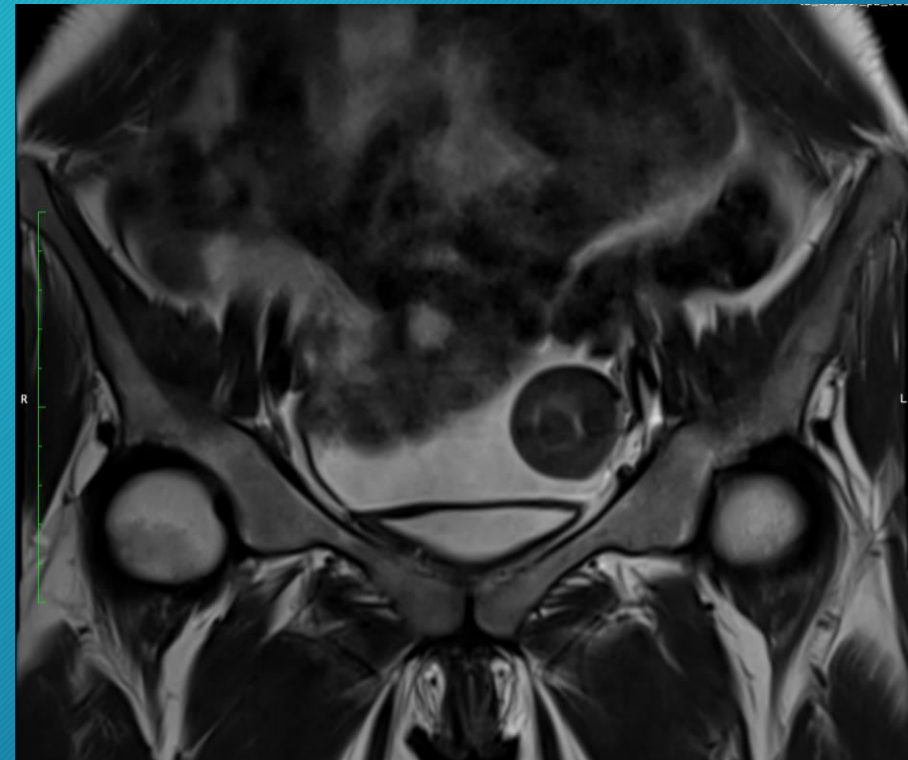
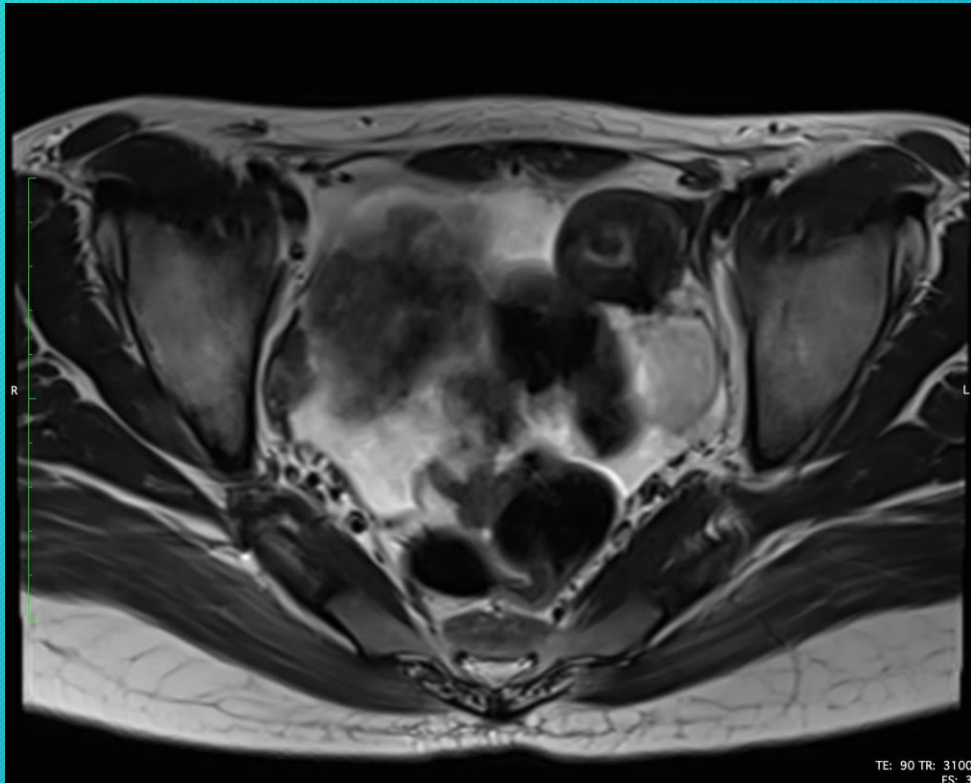


Grimbizis GF, Gordts S, Di Spiezio Sardo A, Brucker S, De Angelis C, Gergolet M, Li TC, Tanos V, Brölmann H, Gianaroli L, Campo R. The ESHRE/ESGE consensus on the classification of female genital tract congenital anomalies. Hum Reprod. 2013 Aug;28(8):2032-44. doi: 10.1093/humrep/det098. Epub 2013 Jun 14. PMID: 23771171; PMCID: PMC3712660.

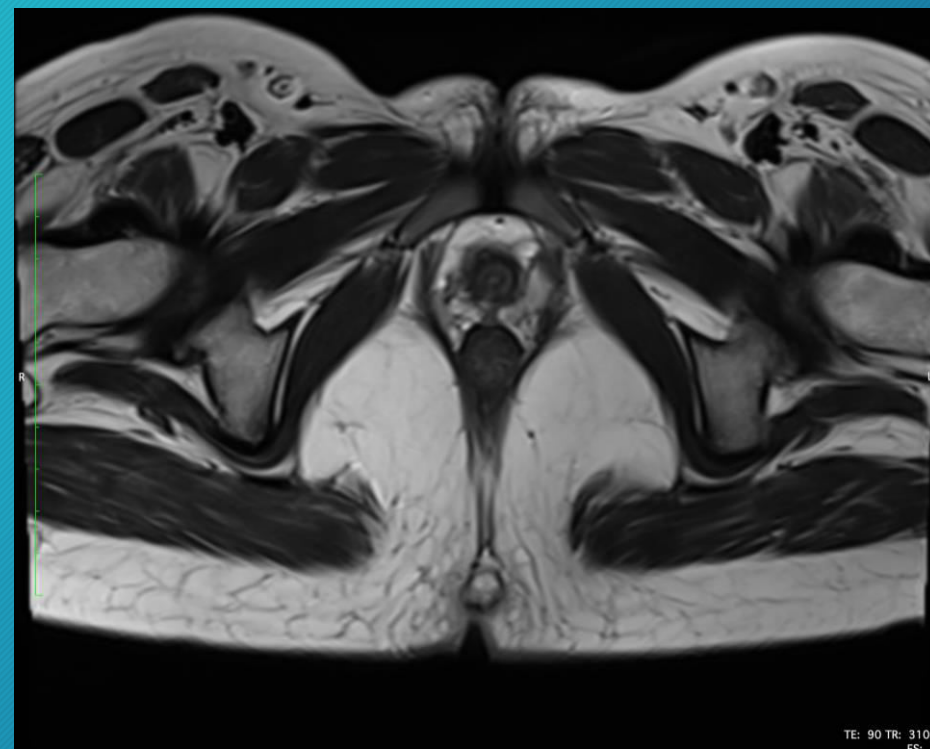




# Case 1

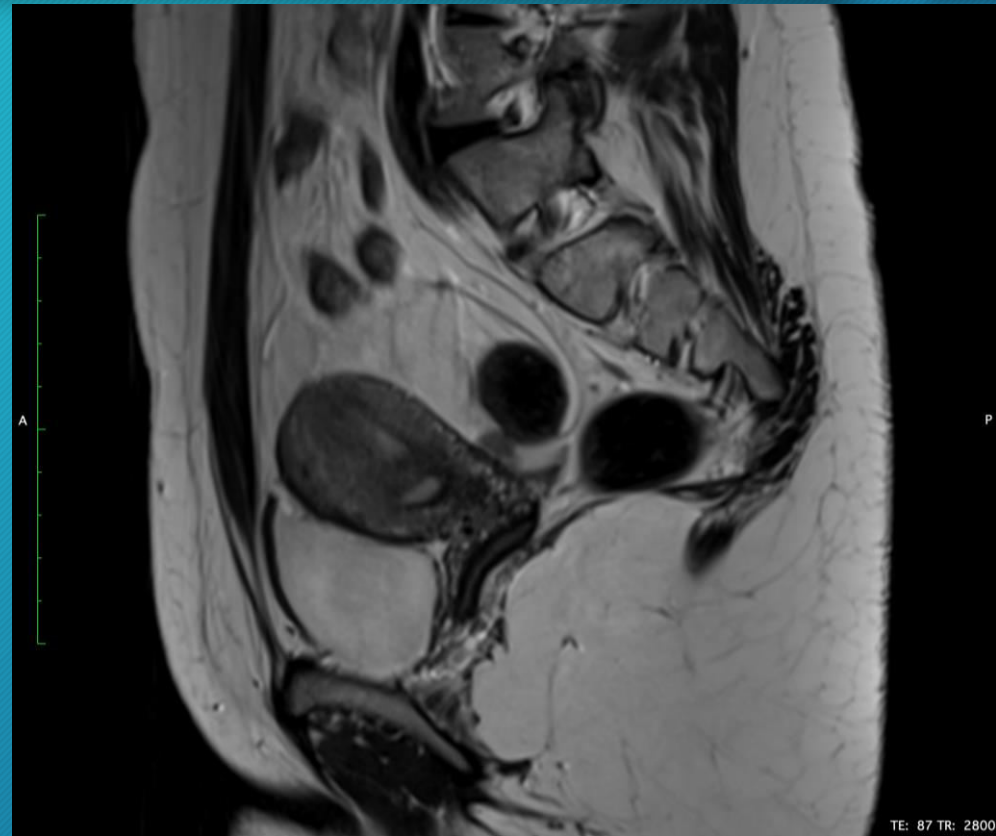
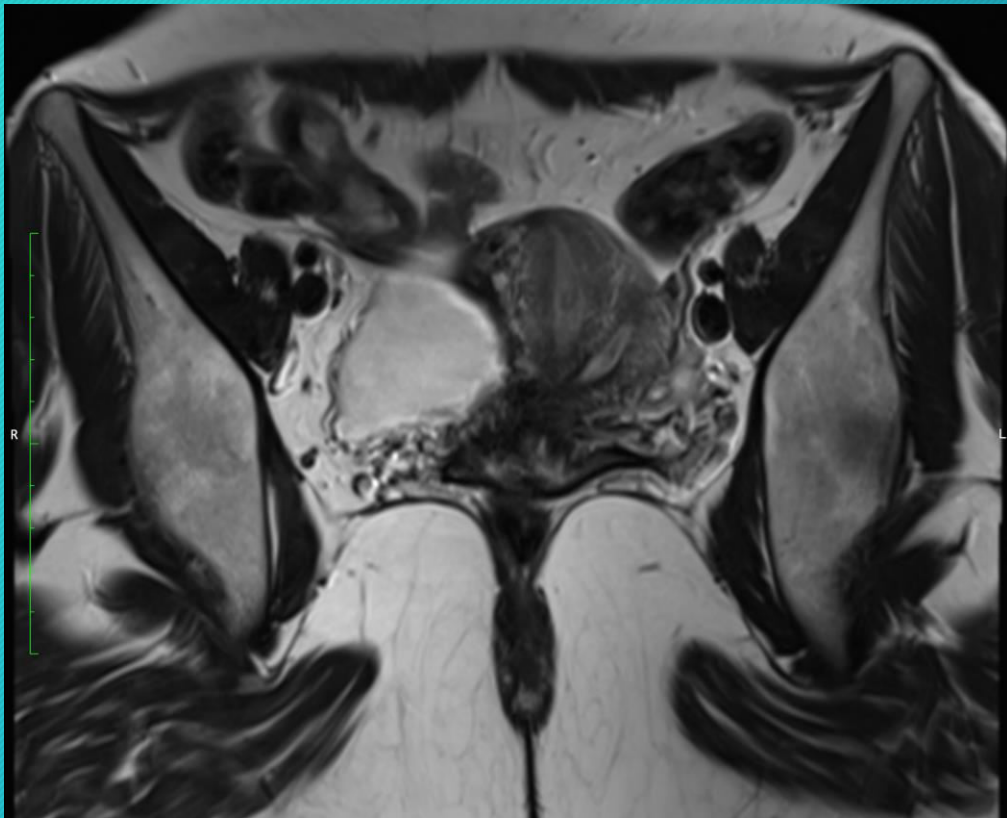


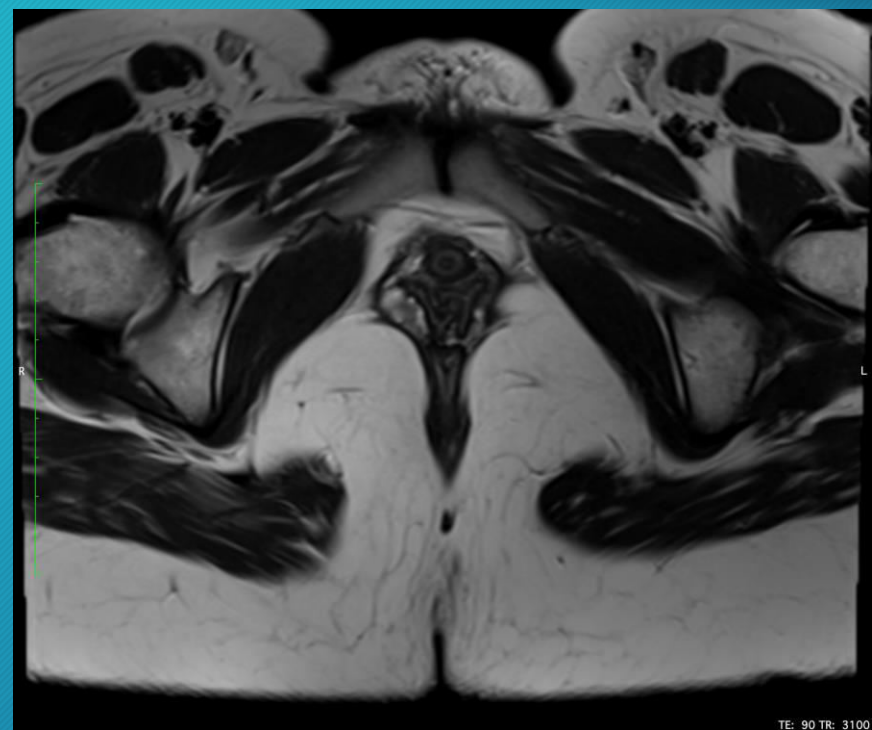
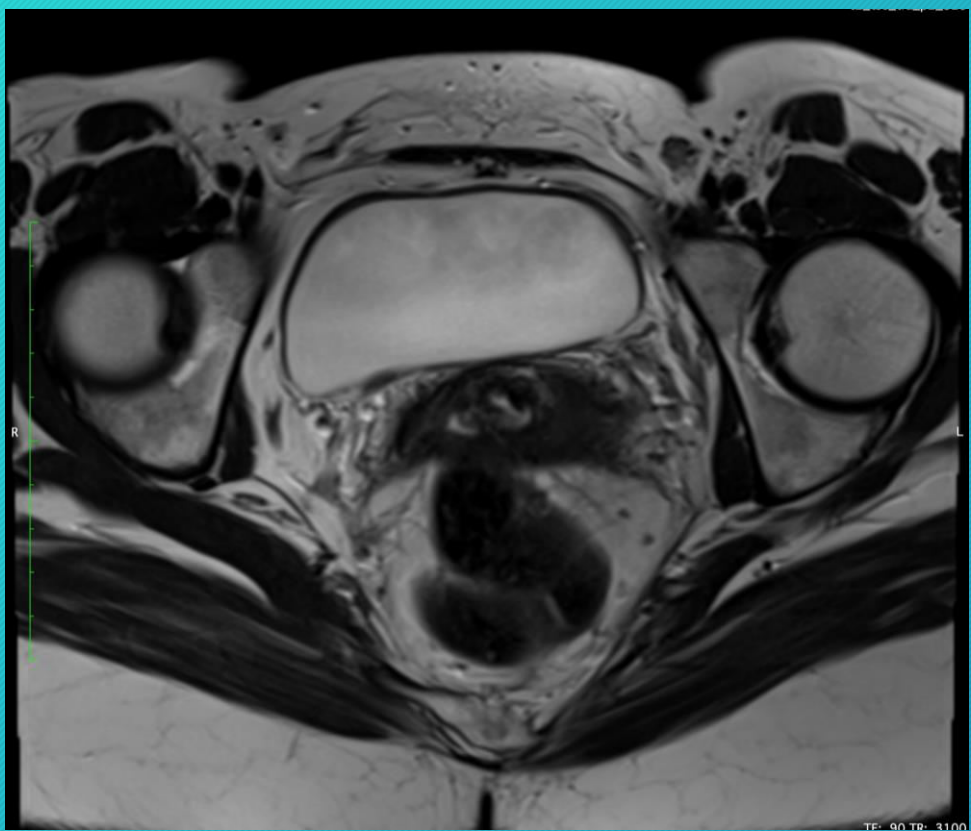






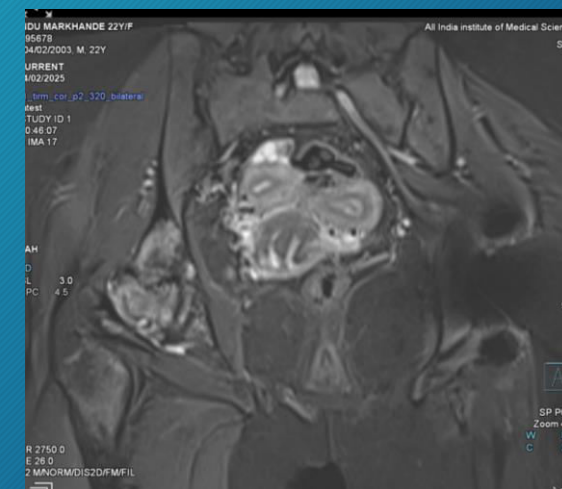
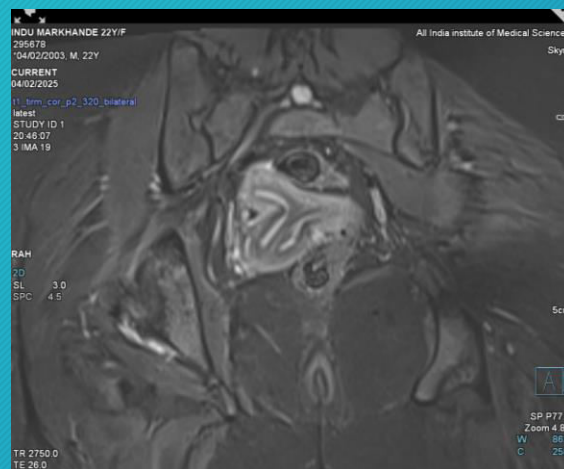
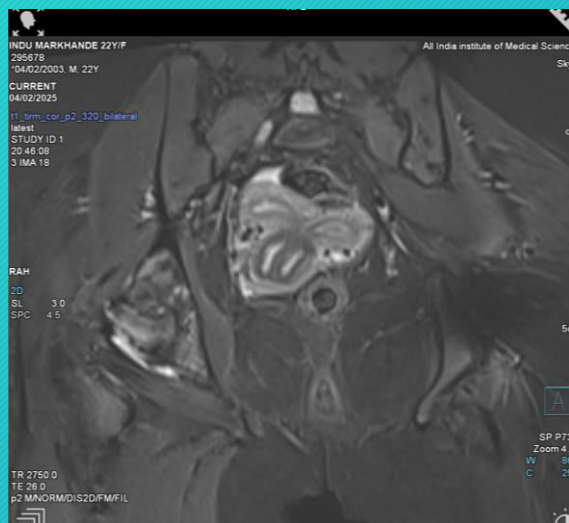
## Case 2

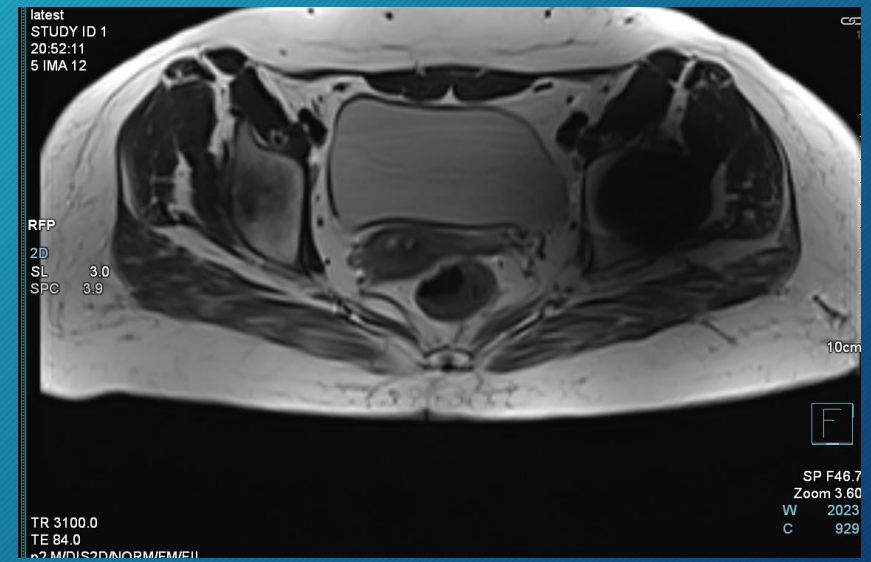
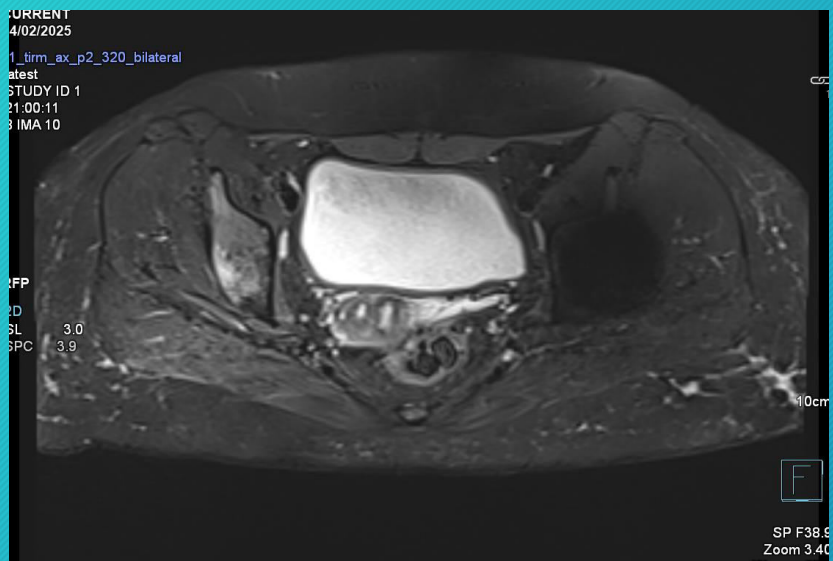




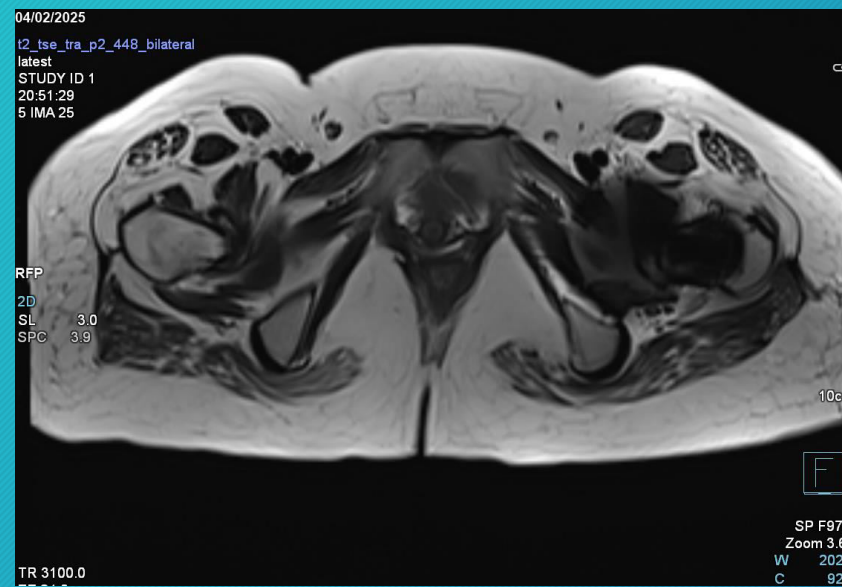


# Case 3

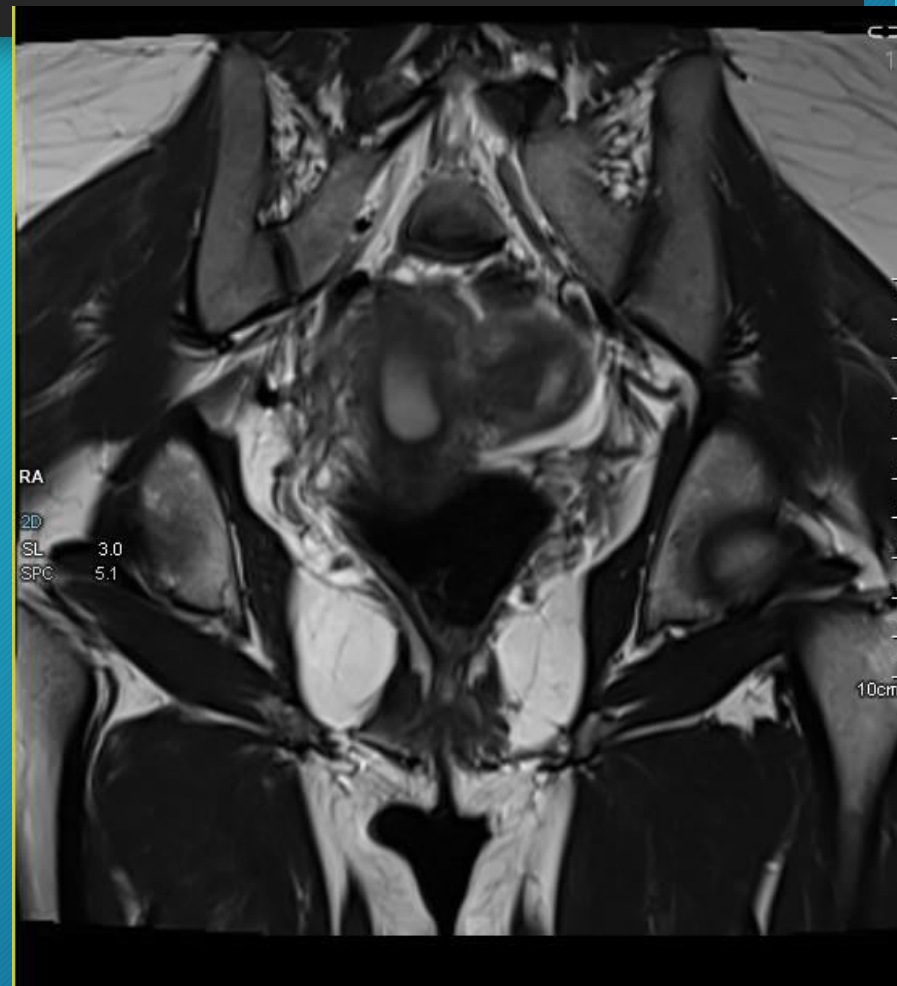
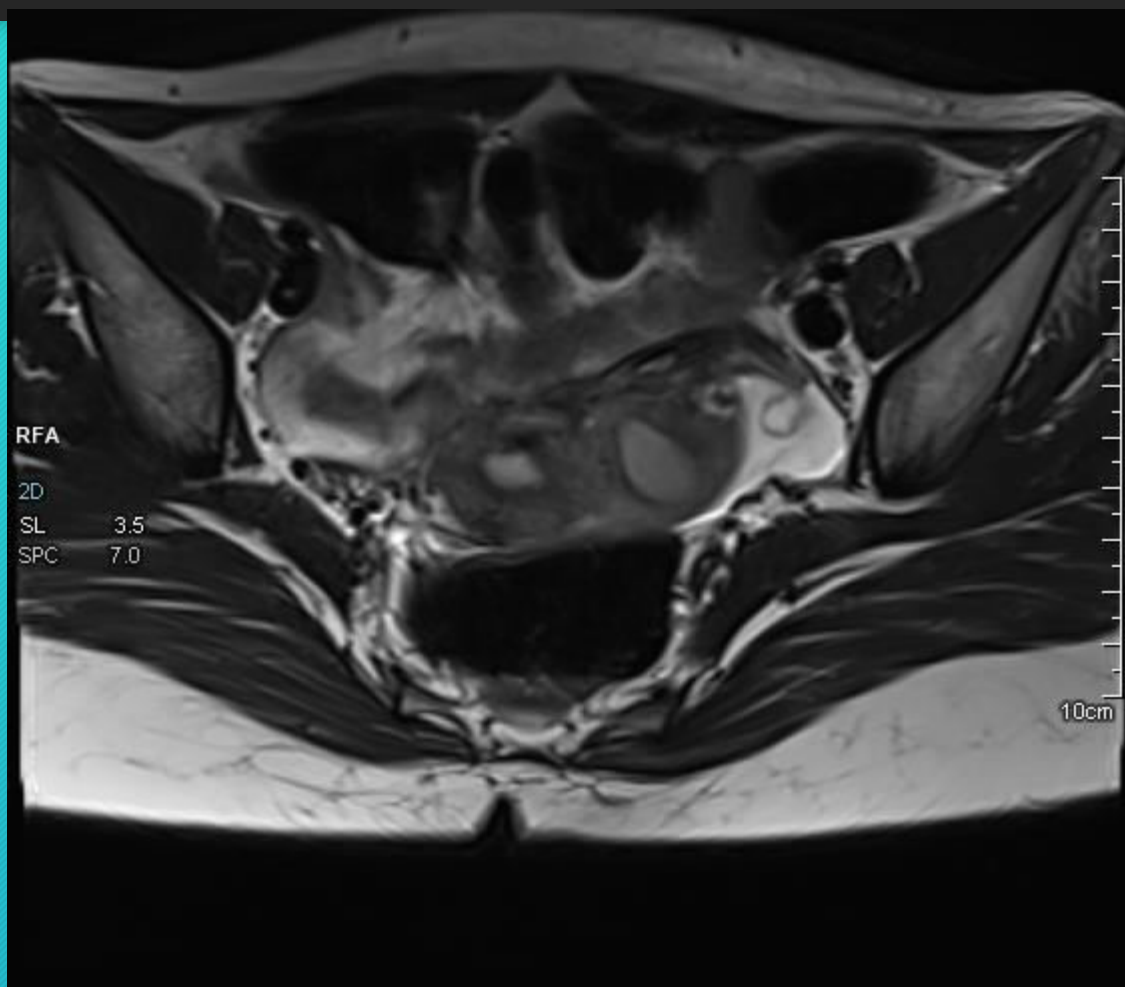




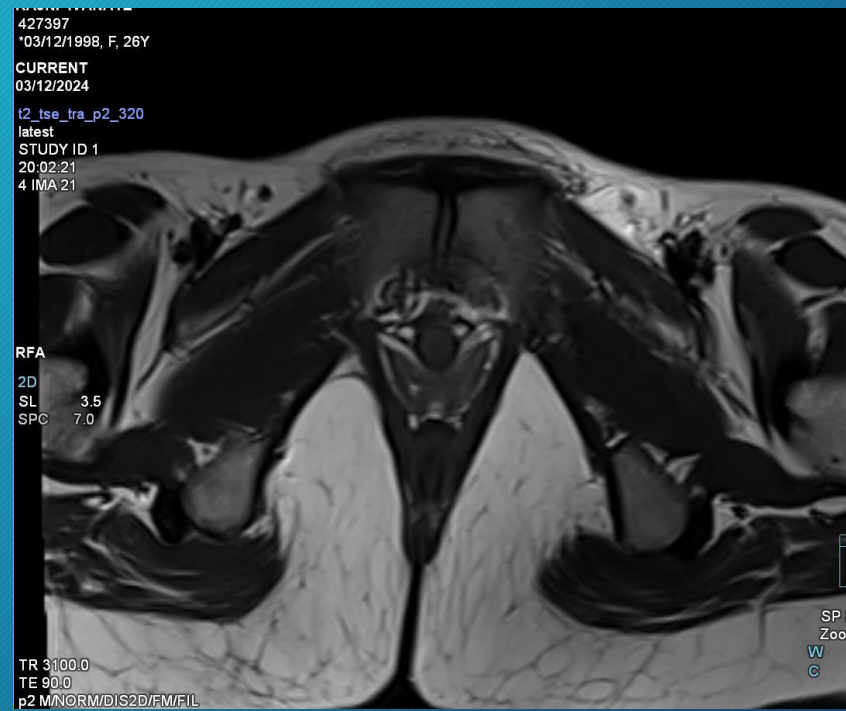
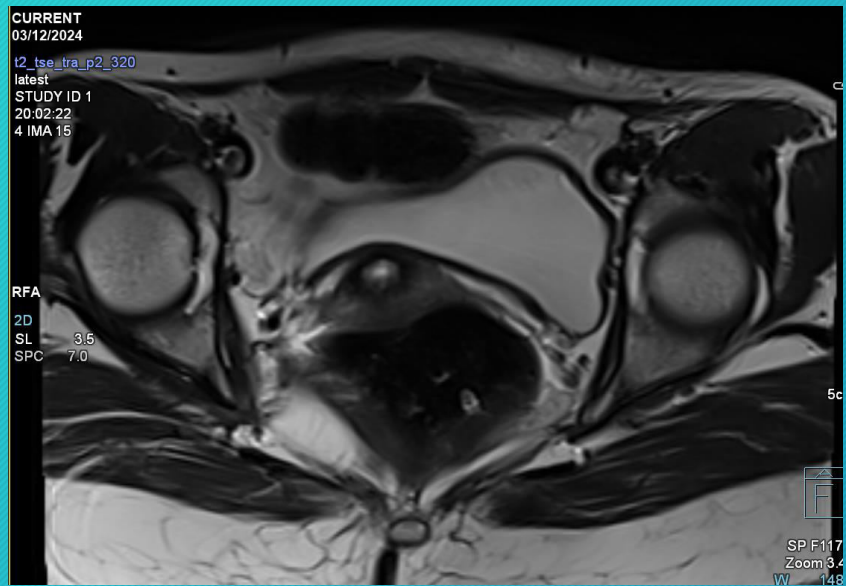




# Case 4







# Case 5





14404 / 4  
\*07/12/1994, F, 30Y

CURRENT

07/12/2024

t2\_tse\_tra\_p2\_320

latest

STUDY ID 2

12:04:24

3 IMA 21

RHA

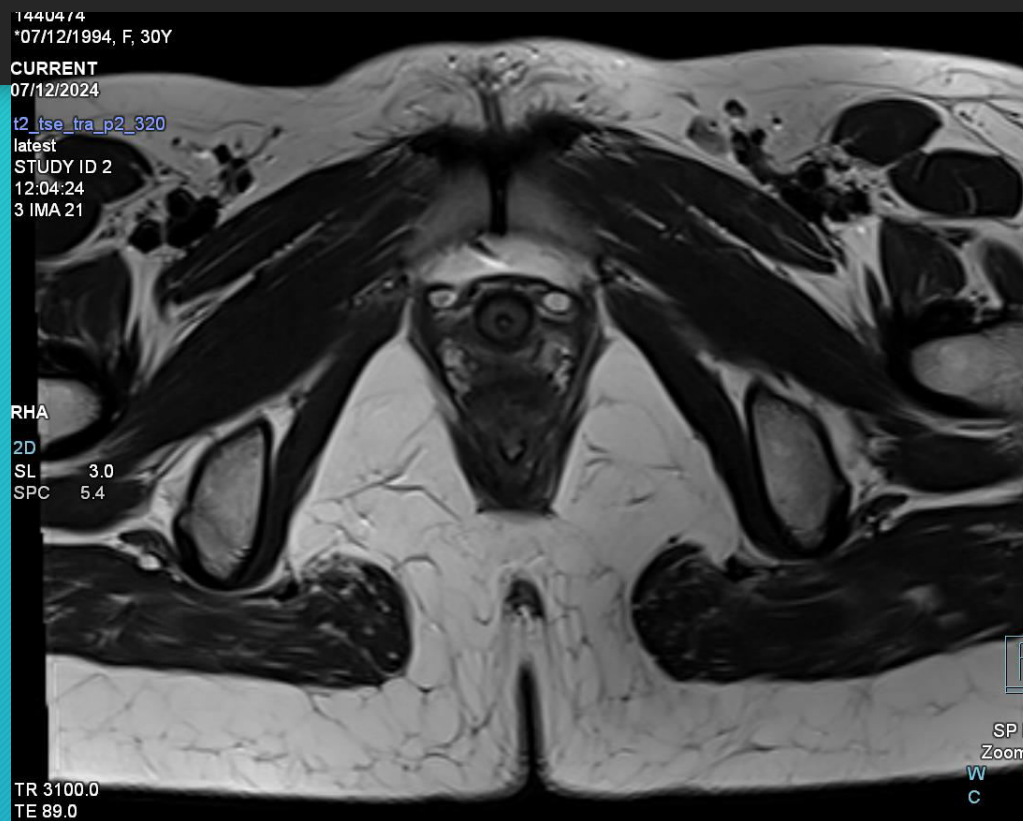
2D

SL 3.0

SPC 5.4

TR 3100.0

TE 89.0



SP F  
Zoom:  
W 1.  
C

# Case 6





# Case 7



# Significance of Imaging for preoperative planning

- Vaginal dimple and its distance from anal and urethral opening.
- Distance between urethra and anal canal.
- Distance between bladder and rectum.



Thank You