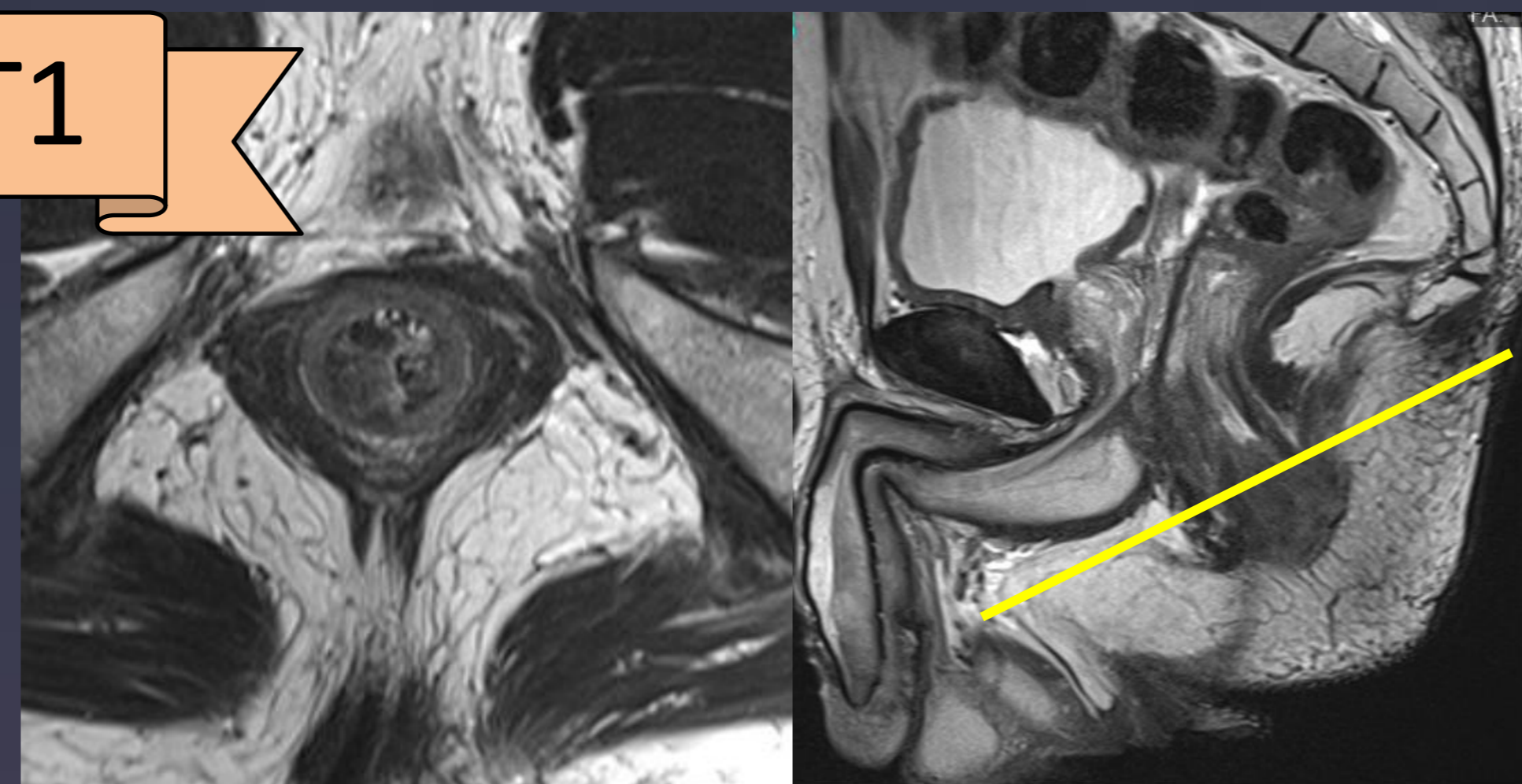


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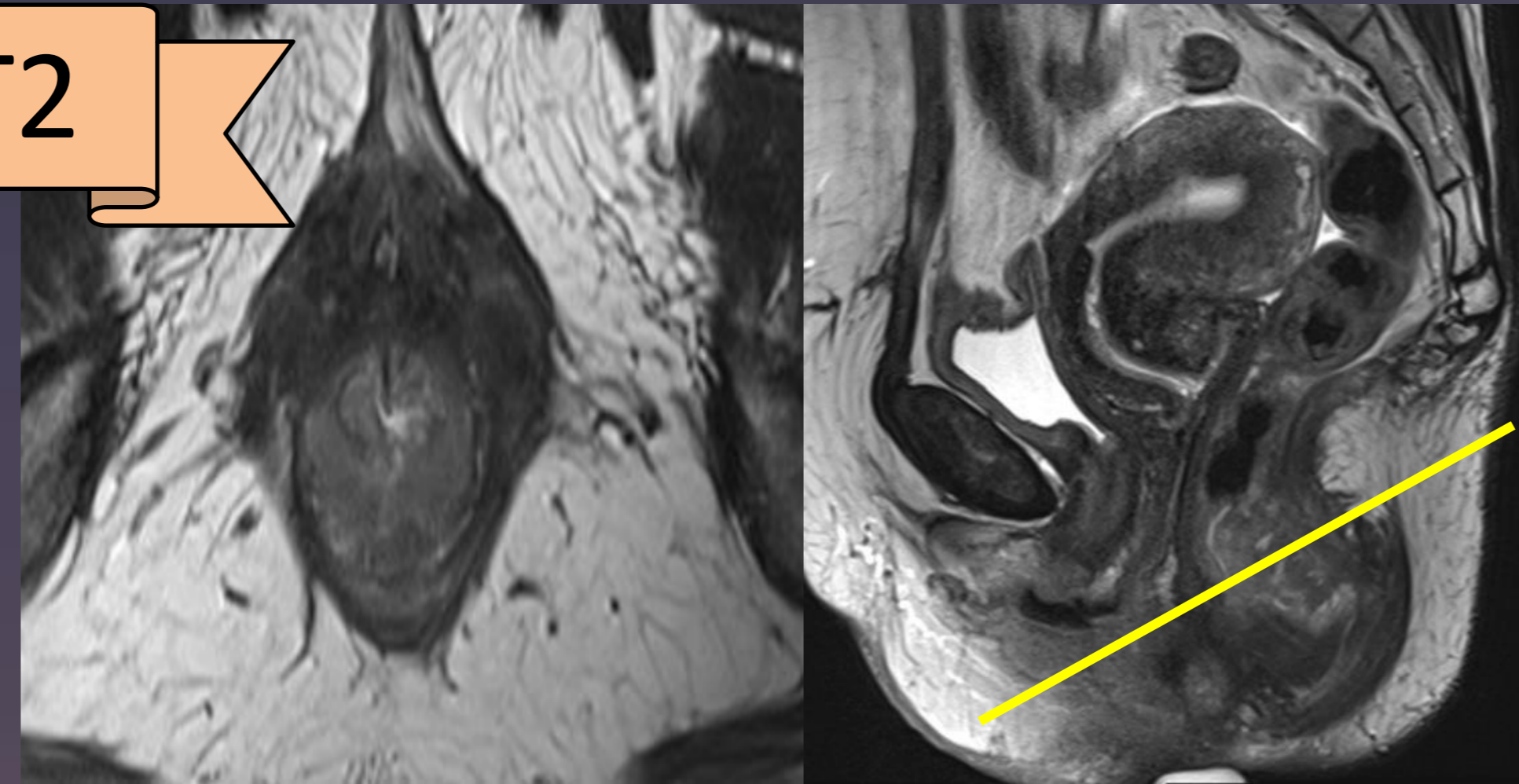
Wan Ahmad Firdaus Wan Chek, Raihanah Haroon

Colorectal cancer is known as the third most common cancer in men and second most common in women after breast cancer worldwide. Two advanced development in the cure of rectal cancer are total mesorectal excision (TME) and neoadjuvant chemoradiotherapy. High-spatial-resolution T2-weighted imaging has been the most important MRI sequence in the evaluation of rectal cancer. Using a 3.0T MRI scanner, 57 patients from June 2019 until November 2021 underwent MRI rectum staging at our centre resulting in 1 patient with T1 (1.7%), 2 patients with T2 (3.5%), 11 patients with T3 (19.3 %) and 43 patients with T4 (75.4%) diseases.

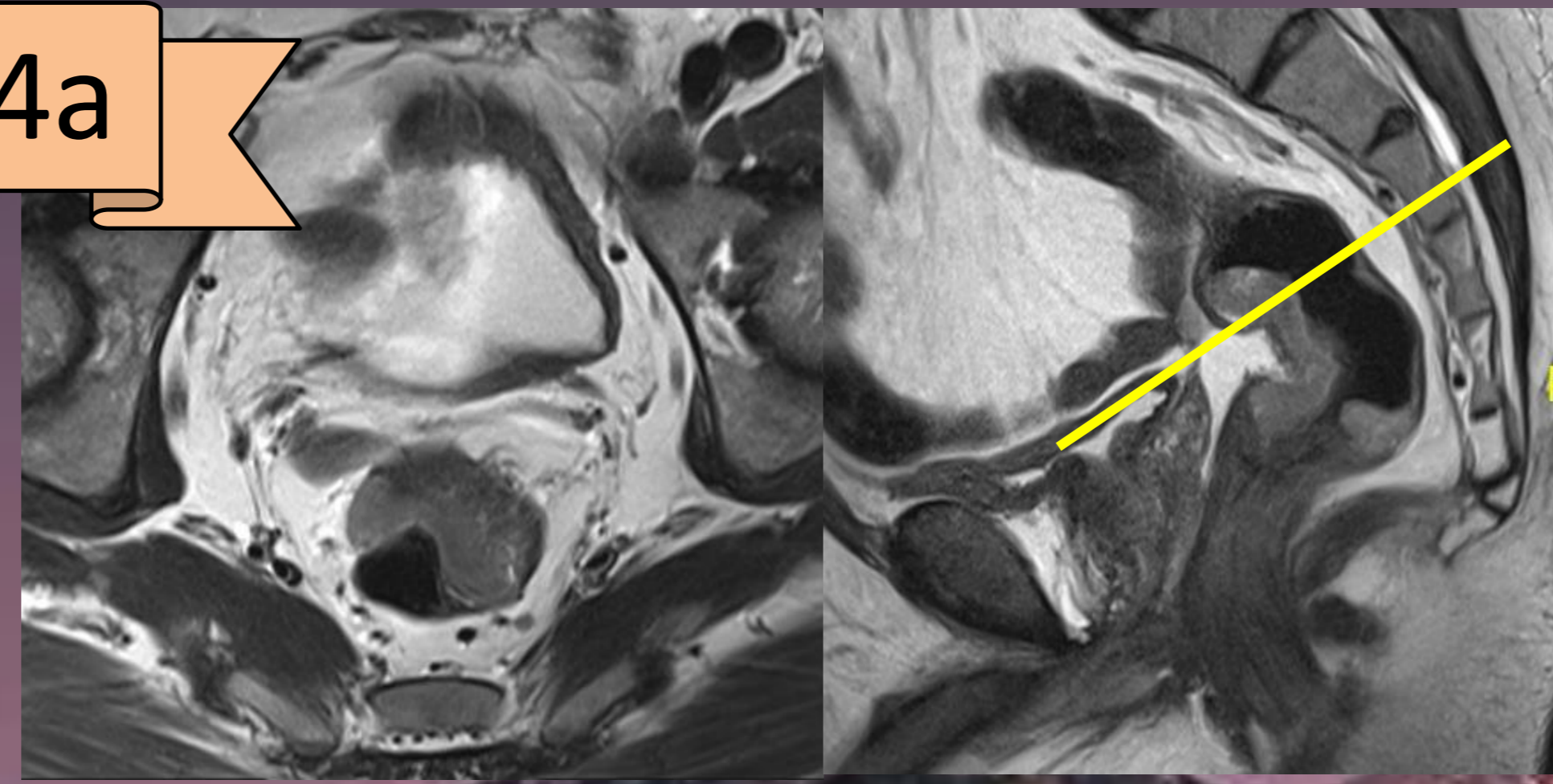
T1



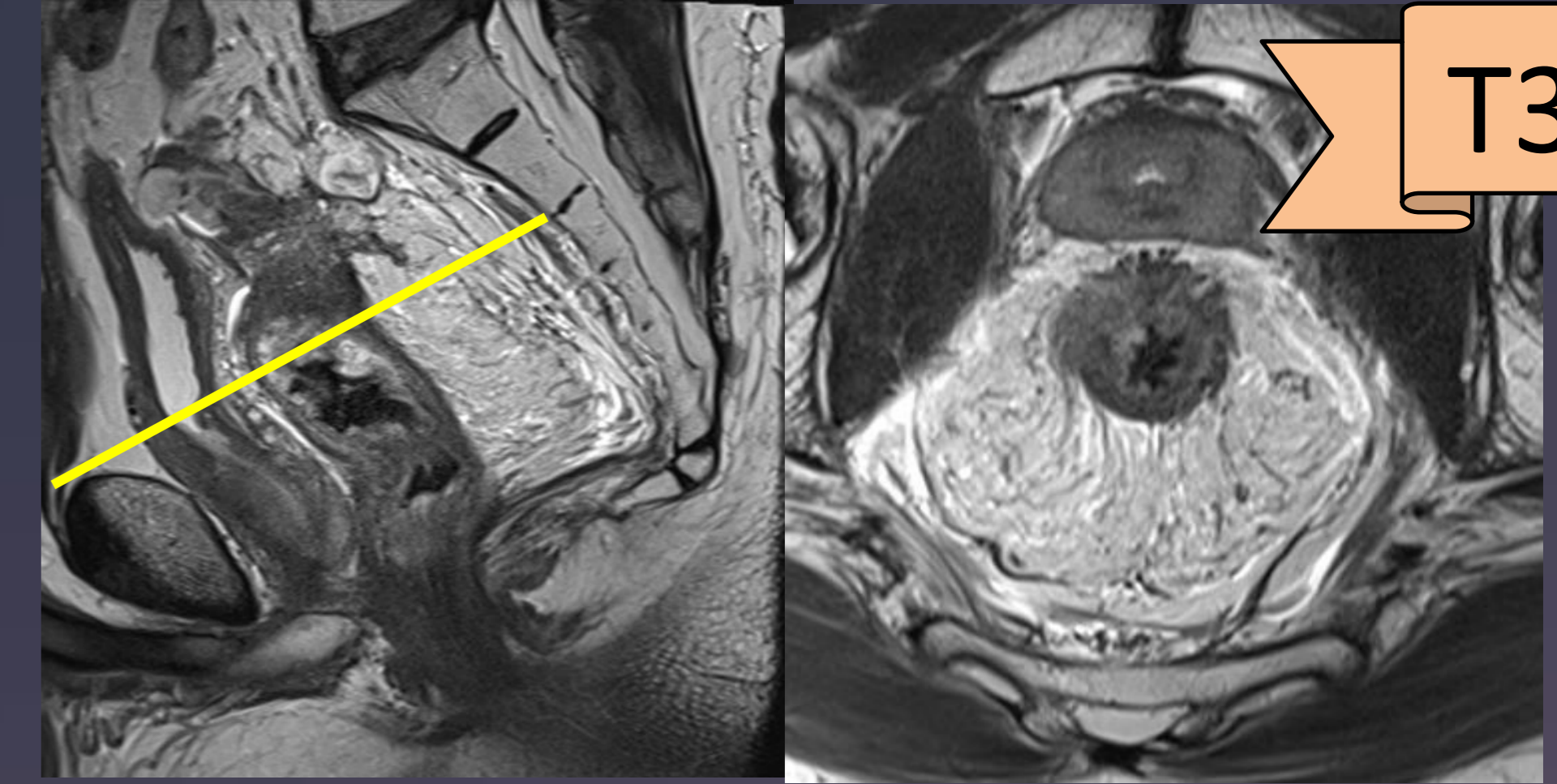
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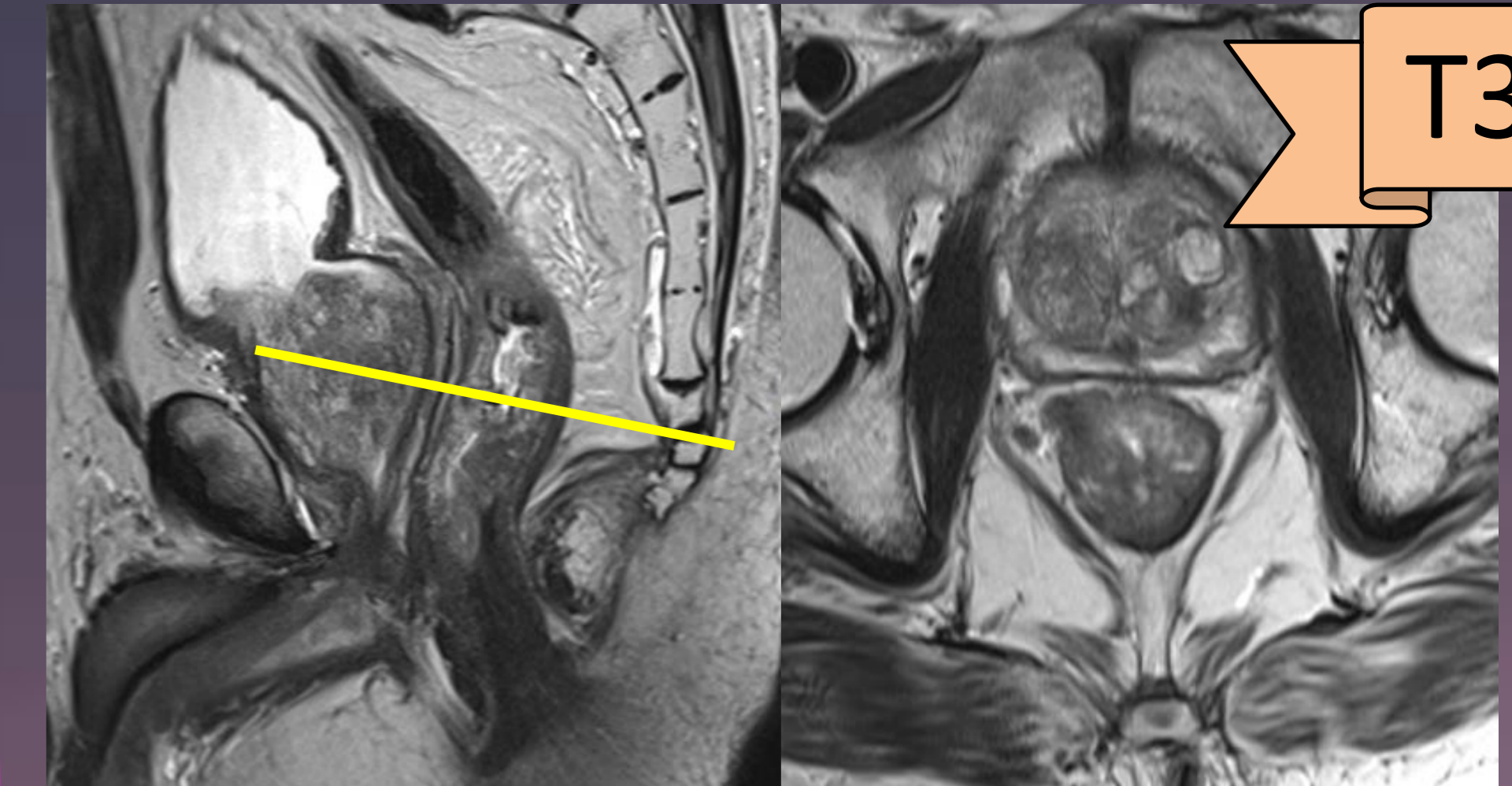
T4a



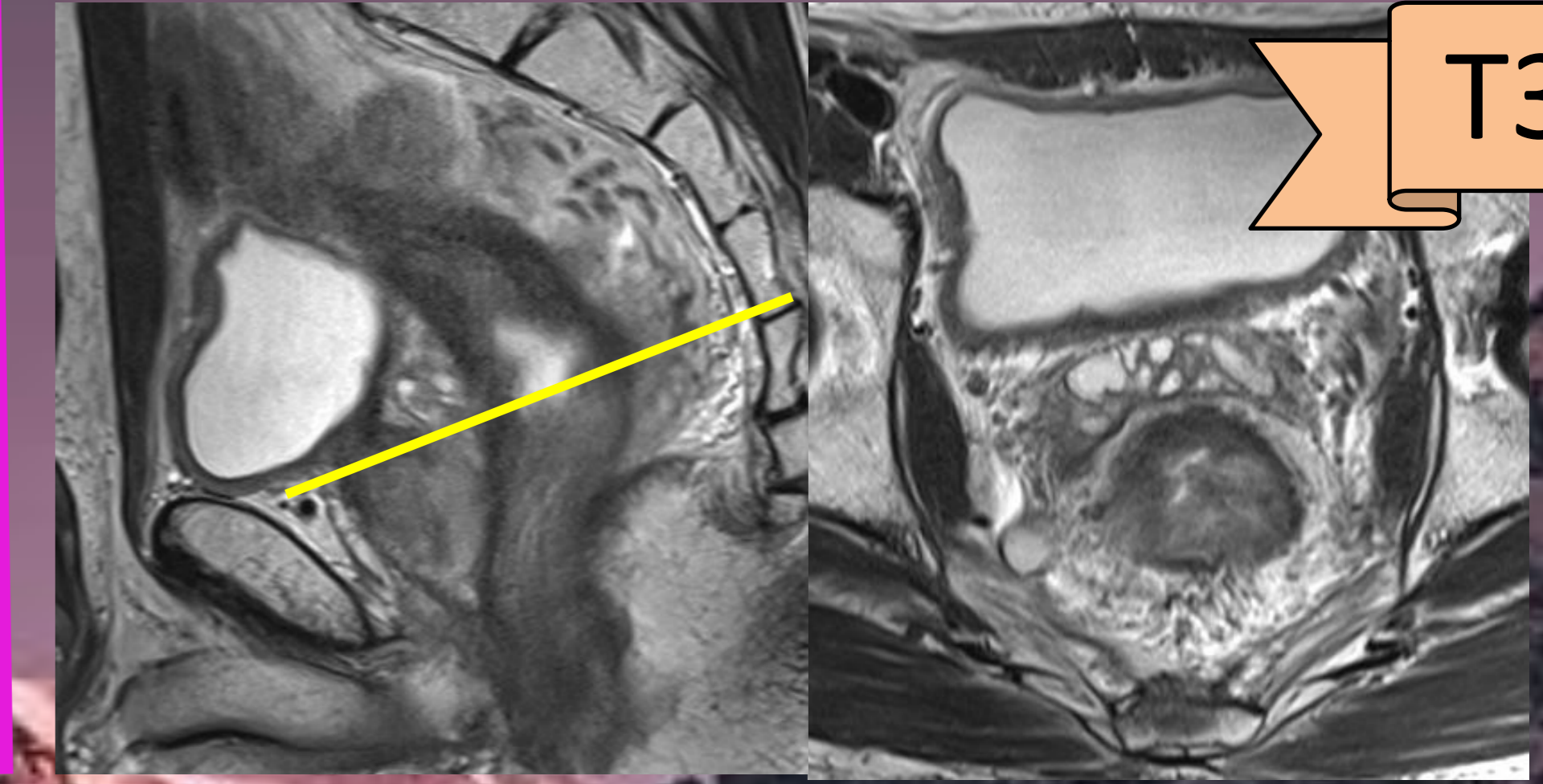
T3a



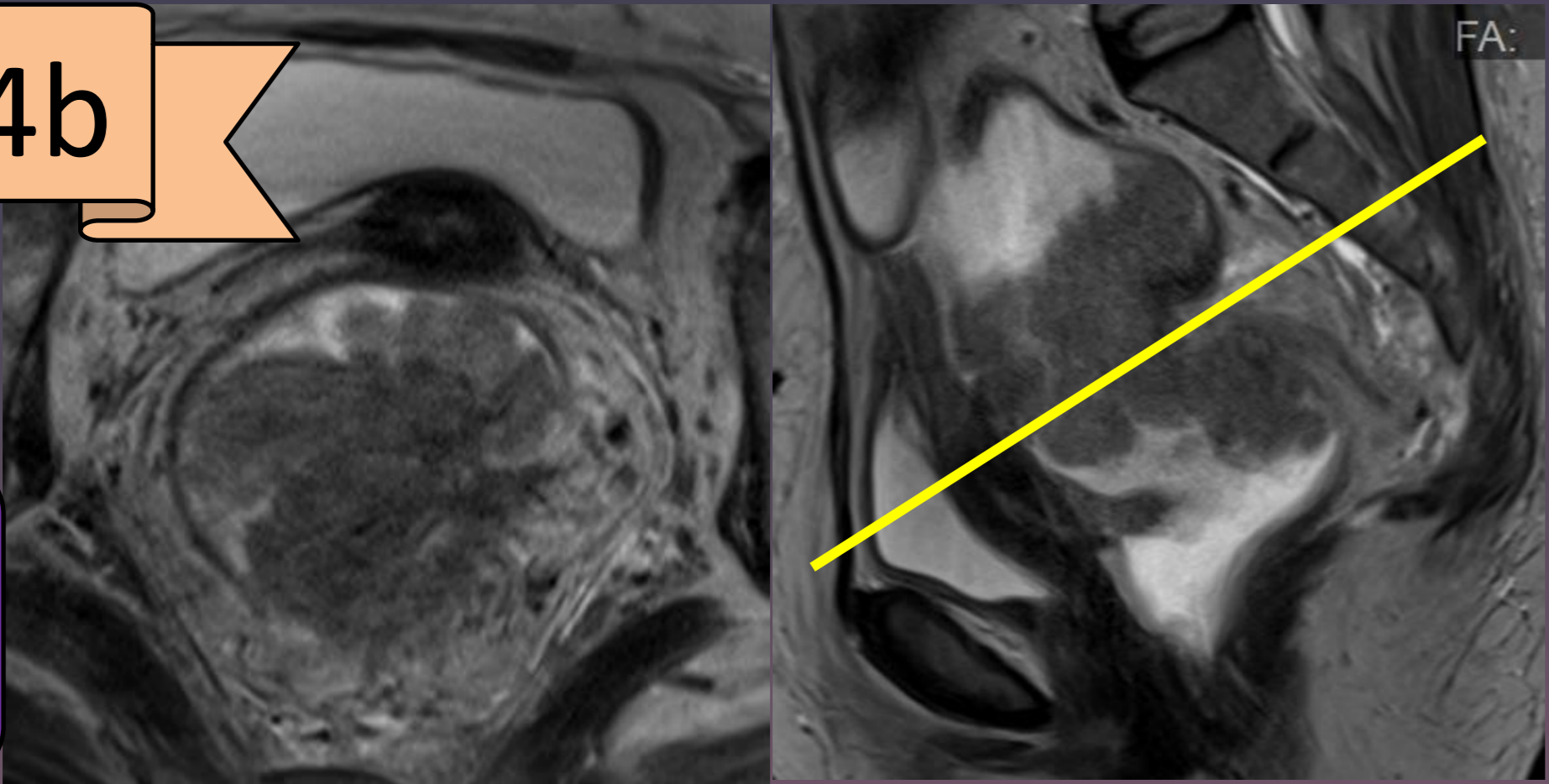
T3b



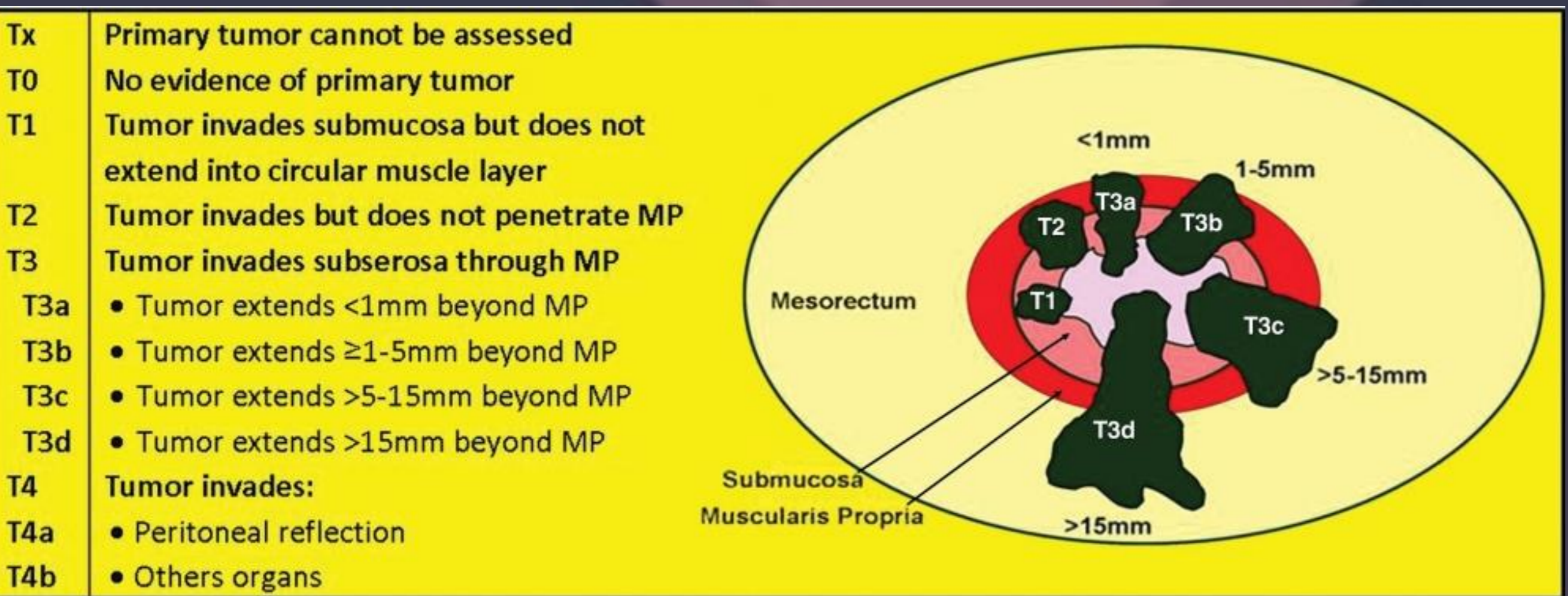
T3c



T4b



Invasion of peritoneal lining and uterus



References:
 1. <https://radiologyassistant.nl/abdomen/rectum/rectal-cancer-mr-staging-1>
 2. Horvat, N., Carlos Tavares Rocha, C., Clemente Oliveira, B., Petkovska, I., & Gollub, M. J. (2019). MRI of rectal cancer: Tumor staging, imaging techniques, and Management. *RadioGraphics*, 39(2), 367–387. <https://doi.org/10.1148/rg.2019180114>

