

**MRI of endometriosis in correlation with the #Enzian classification: applicability
and structured report**

ELECTRONIC SUPPLEMENTARY MATERIAL

**Structured MRI report template for endometriosis in correlation with the #Enzian
classification.**

TITLE OF EXAMINATION

CLINICAL DETAILS/INDICATION

(Symptoms, relevant findings on gynecologic examination, medications, clinical suspicion/diagnosis, prior surgeries ...)

TECHNIQUE

(MRI sequences, patient preparation, imaging quality issues)

COMPARISON

(With previous MRI examinations or correlation with previous US/CT examinations)

IMAGING FINDINGS

PERITONEUM (P)

Endometriotic peritoneal implants

$\Sigma <3\text{cm}$, $\Sigma 3\text{-}7\text{cm}$, $\Sigma >7\text{cm}$

OVARY (O)

Right: missing (m); unknown/not visible (x)

Left: missing (m); unknown/not visible (x)

Endometriomas and infiltrating ovarian surface foci

Right ovary: $\Sigma <3\text{cm}$, $\Sigma 3\text{-}7\text{cm}$, $\Sigma >7\text{cm}$

Left ovary: $\Sigma <3\text{cm}$, $\Sigma 3\text{-}7\text{cm}$, $\Sigma >7\text{cm}$

Additional information: location and size of ovaries, presence/absence of ovarian follicles, ovarian lesions besides endometriosis

TUBE (T)

Right: missing (m); unknown/not visible (x)

adnexal adhesions

Left: missing (m); unknown/not visible (x)

adnexal adhesions

Additional information: hematosalpinx, hydrosalpinx

COMPARTMENT A (craniocaudal axis)

- **RECTOVAGINAL SPACE**
- **VAGINA**
- **RETROCERVICAL AREA**

A1<1cm; A2 1-3cm; A3 >3cm

COMPARTMENT B (mediolateral axis)

- **USL**
- **PARAMETRIAL INVASION**
- **PELVIC WALL INVASION**

Right: A1<1cm; A2 1-3cm; A3 >3cm

Left: A1<1cm; A2 1-3cm; A3 >3cm

COMPARTMENT C (anteroposterior axis)

- **RECTUM**

C1: <1cm; C2: 1-3cm; C3: >3cm

Additional information: distance to anal verge, depth of invasion, % of circumferential extent, luminal narrow (yes/no), distance between lesions (if multiple)

F ADENOMYOSIS

Yes/no

Additional information

-junctional zone: thickness (mm) & characteristics; external/internal

-uterus size and position

F BLADDER

Yes/no

Additional information: detrusor muscle/urothelium invasion, location with respect to UVJ and trigone, vesico-uterine pouch obliterated/non-obliterated

F INTESTINUM

Yes/no

Possible locations: sigmoid, transverse colon, cecum, appendix and small bowel

F URETER

Yes/no

Additional information: length of involvement, distance to UVJ, hydroureter, hydronephrosis

F (...)

Possible locations: abdominal wall, cesarean scar, diaphragm, liver, lung, nerves, round ligaments, ...

ADDITIONAL INFORMATION

Uterus/cervix/vagina/vulva/urethra findings; free fluid; other adhesions; other relevant findings, ...

CLASSIFICATION #ENZIAN (m)

P..., O..., T..., A..., B..., C... F... F(...)

Keckstein J, et al. The #Enzian classification: A comprehensive non-invasive and surgical description system for endometriosis. Acta ObstetGynecol Scand. 2021; <https://doi.org/10111/aogs.14099>

CONCLUSION

Summary of the relevant findings. Orientations regarding the need of additional radiologic examinations/procedures.

The report content combines information organized according to the #Enzian classification, in bold, with additional information relevant for the completeness of the report.

Lesions site description and measurements in three orthogonal planes, whenever feasible, should be reported.

UVJ- ureterovesical junction.
