

URETERO-UTERINE FISTULA: A RARE AND PREVENTABLE COMPLICATION OF CAESAREAN SECTION

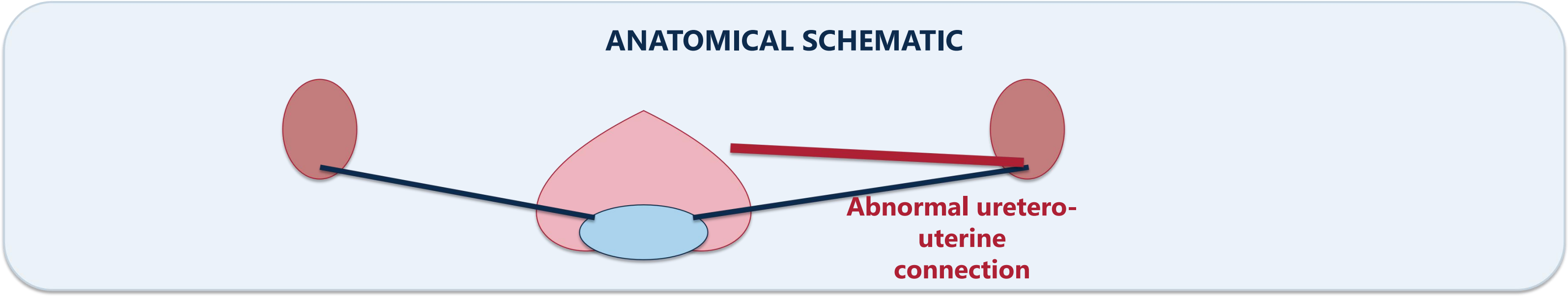
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BACKGROUND

- Uretero-uterine fistula is a rare complication of caesarean section resulting from inadvertent ureteric injury.
- Diagnosis is often delayed because symptoms may be subtle despite preserved normal voiding.
- Early recognition and management are essential to reduce morbidity.



CASE PRESENTATION

PATIENT PROFILE

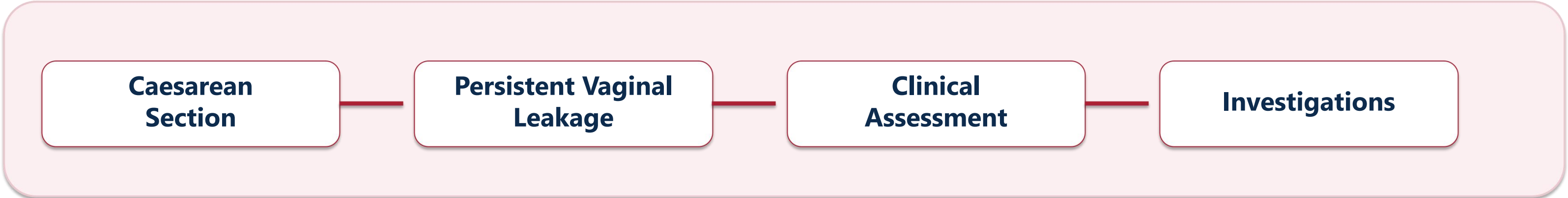
- 32-year-old woman
- Para 4+0
- Presented 7 weeks after caesarean section

PRESENTING SYMPTOMS

- Continuous vaginal fluid leakage
- Suspected urinary incontinence
- Previous lower abdominal pain that resolved spontaneously

CLINICAL FINDINGS

- Anxious appearance
- Clear fluid collection in posterior fornix
- Moist cervix on speculum examination



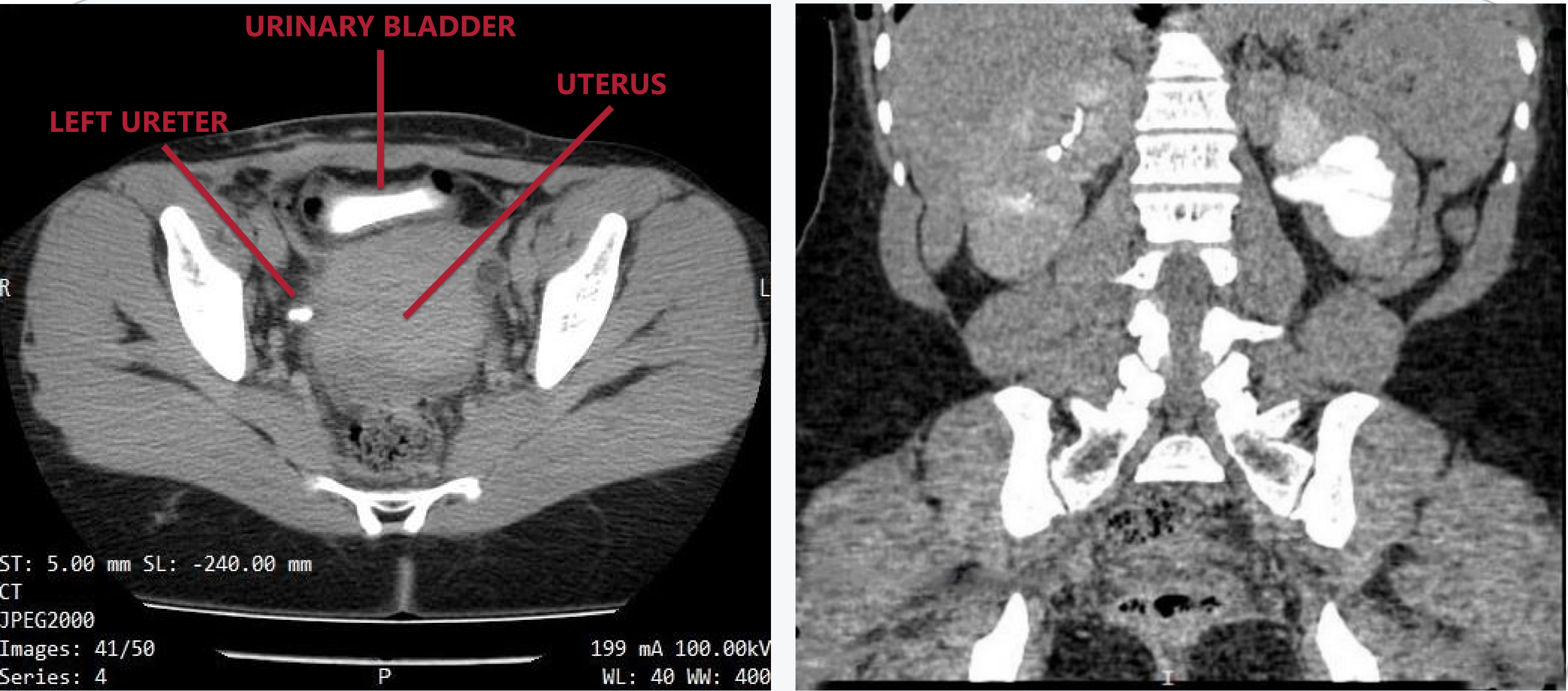
DIAGNOSTIC WORK-UP

TEST	RESULT
Ultrasound	Mild endometrial fluid collection
Ultrasound	Small echogenic fundal projection
Fluid analysis	Findings consistent with urine
IV urography	Left ureter implanted into uterus



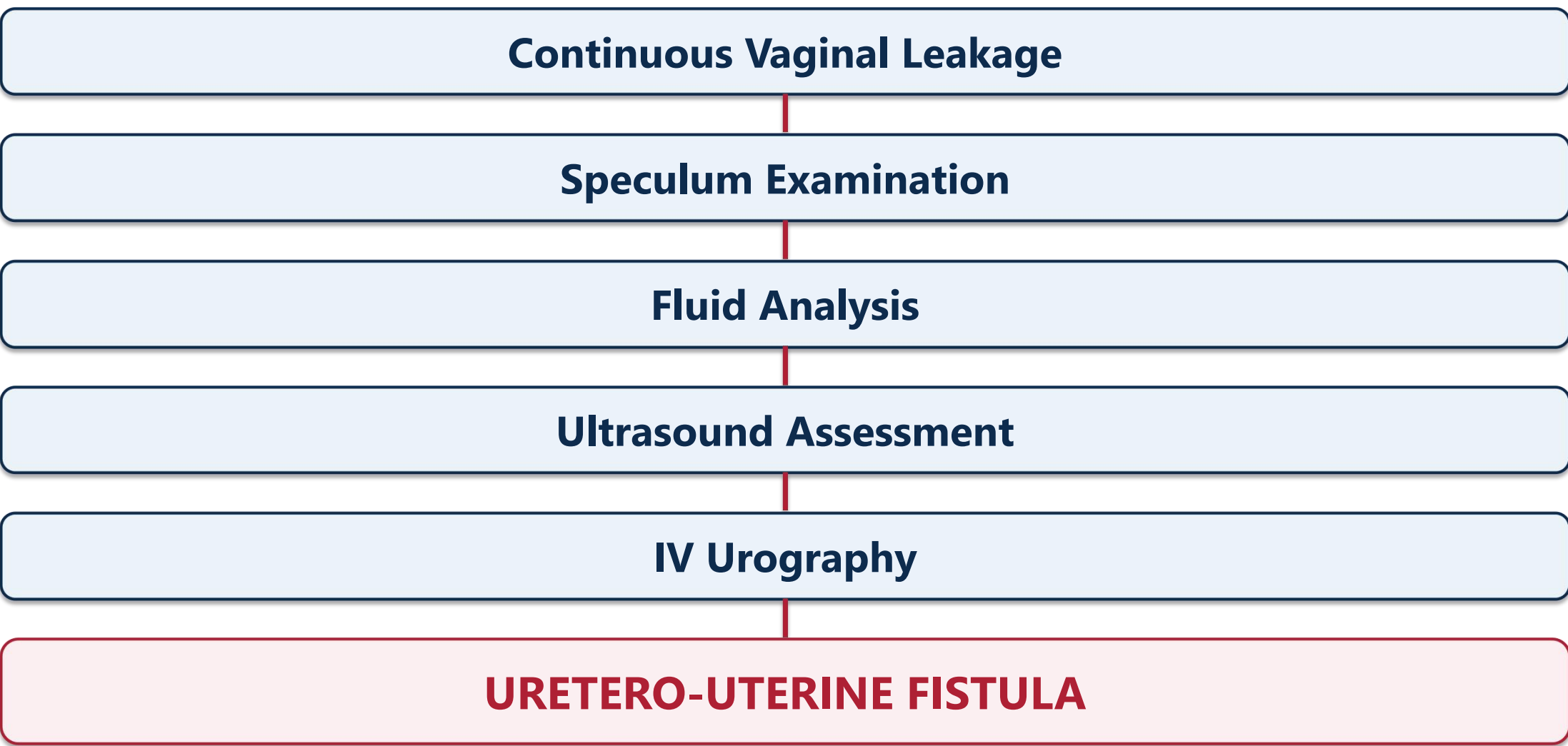
KEY DIAGNOSTIC IMAGES

Contrast-Enhanced Intravenous Urography



Finding: left ureter implanted into the uterus, confirming uretero-uterine fistula.

DIAGNOSTIC PATHWAY



MANAGEMENT

- ✓ Urology referral
- ✓ Two-stage open surgical repair
- ✓ Postoperative hospitalization and recovery



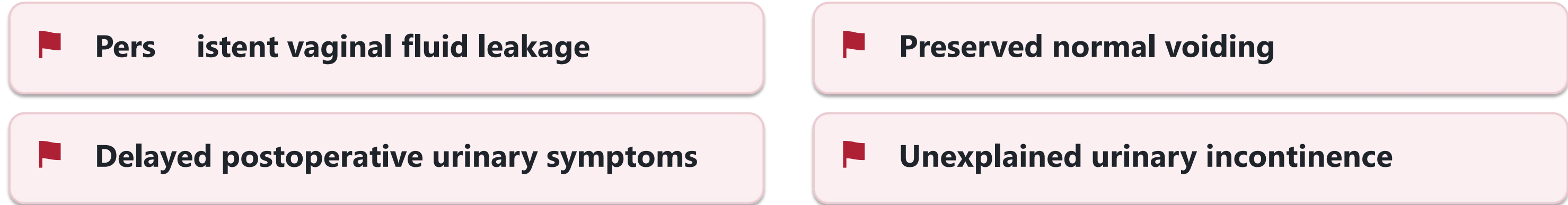
OUTCOME

- ✓ Definitive diagnosis established
- ✓ Successful surgical intervention
- ✓ Favorable postoperative outcome

DISCUSSION — CLINICAL PEARLS

- Persistent urinary leakage after caesarean section should raise suspicion of urinary tract injury.
- Fluid analysis and contrast imaging play a crucial role in diagnosis.
- Early multidisciplinary management improves outcomes.
- Meticulous identification of ureters during surgery is essential for prevention.

RED FLAGS AFTER CAESAREAN SECTION



CONCLUSION

Uretero-uterine fistula is a rare but preventable complication of caesarean delivery. Prompt recognition of postoperative urinary symptoms, appropriate imaging, and timely surgical intervention are essential for successful management. Careful identification and protection of the ureters during caesarean section remain the cornerstone of prevention.

TAKE-HOME MESSAGE

“Persistent urinary leakage following caesarean section should prompt evaluation for ureteric injury. Early diagnosis and timely surgical repair can result in excellent outcomes.”