

# Pelvic Tuberculosis and Infertility: A Case Report

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## 1. Introduction

- Female pelvic tuberculosis (TB) is a rare disease in developed countries, but it is a frequent cause of chronic pelvic inflammatory disease and infertility in other parts of the world.
- With the emergence of multi-drug resistant strains of TB and HIV/AIDS, TB has become a global epidemic again.
- Healthcare providers should have a high index of suspicion for pelvic TB when evaluating patients from TB endemic areas for infertility.

## 2. Materials & Methods

### A case report from a tertiary care hospital

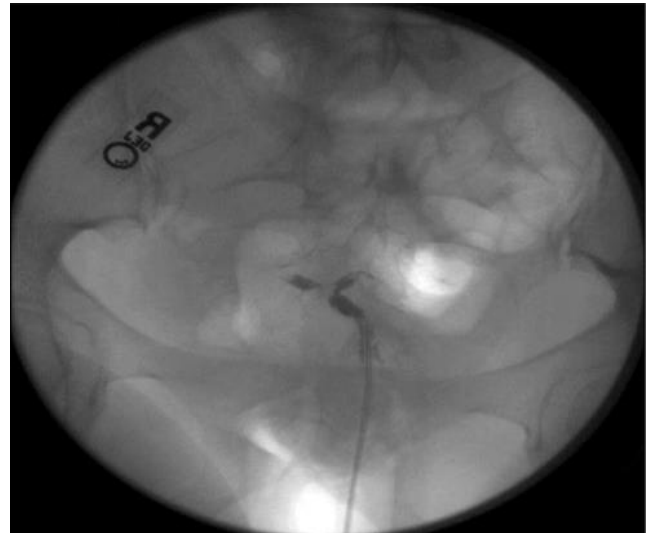
A 21 year old G0 from Malkapur-Buldhana referred to our hospital for further management. She had a 2year history of abrupt secondary amenorrhea and infertility without evidence of pelvic infection.

### Investigation Done

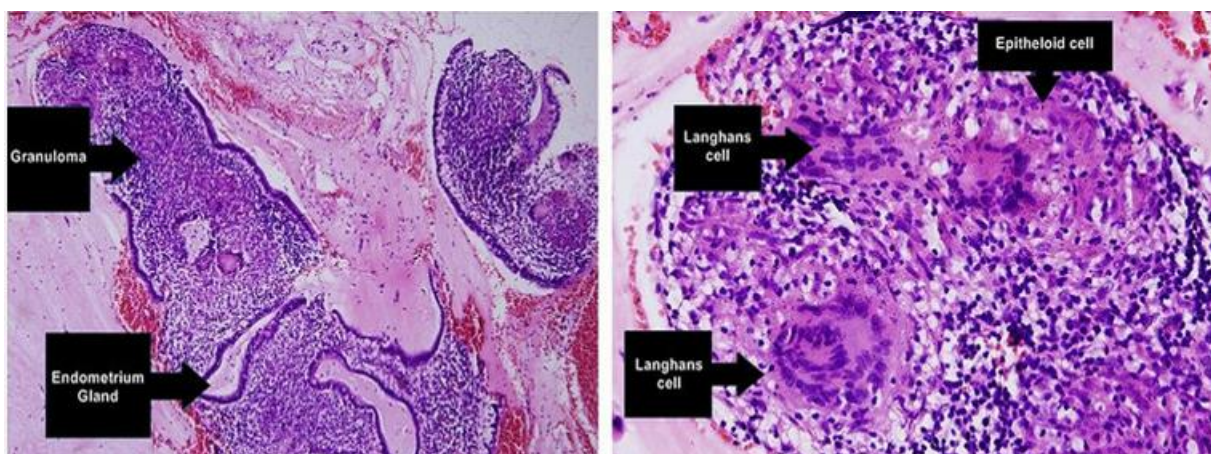
- 1) UPT
- 2) USG (Abdomen & Pelvis) Findings
  - No any significant abnormality seen
- 3) HORMONAL STUDY
  - Sr. FSH, Sr.LH
  - Sr.Prolactin
  - Sr.Progesterone
  - Sr.Testosterone
- 4) ROUTINE INVESTIGATION

WNL

- WNL
- 5) HSG



- 6) ENDOMETRIAL Bx Biopsy revealed granulomatous formations



- 7) PPD - Positive
- 8) Diagnostic & Therapeutic LAPROSCOPY

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### 3. Conclusion

Our findings suggest a strong relationship between pelvic TB and infertility. Pelvic TB should be considered during the evaluation of infertility in patients from TB endemic areas. The impact of pelvic TB on ovarian function before and after treatment should be investigated.

### References

- [1] Aliyu M. H., Aliyu S. H. and Salihu H. M. (2004). "Female genital tuberculosis: a global review." *Int J Fertil Womens Med* 49(3):123–36
- [2] Chow T. W., Lim B. K. and Vallipuram S. (2002). "The masquerades of female pelvic tuberculosis: case reports and review of literature on clinical presentations and diagnosis." *J Obstet Gynaecol Res* 28(4):203–10