

Recurrent Ovarian Vein Thrombosis: A Rare Case with Literature Review

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Introduction

Ovarian vein thrombosis (OVT) is a rare type of venous thromboembolism. The commonest risk factors for it are: pregnancy, recent surgery, oral contraceptives, pelvic infections, and malignancies, however, Pregnancy-related OVT are reported to complicate up to 0.18% of pregnancies. Incidence of OVT peaks 6 .days after delivery/ miscarriage/ termination

Methods

We would like to present a rare case of recurrent ovarian vein thrombosis in a 35 years old lady. Patient presented with acute pain abdomen. Initial work up ruled out urinary tract pathology. CT scan confirmed a filling defect in right ovarian vein. Diagnosis of right ovarian vein thrombosis was established and patient was treated with appropriate anticoagulants by multidisciplinary team. She was continued on long-term anticoagulants. Her similar presentation nine months later confirmed the recurrence of right ovarian vein .thrombosis, which was again treated under multidisciplinary team

Results

Computed tomography scan of the abdomen and pelvis with contrast demonstrating right ovarian vein thrombosis



Conclusion

Our case is one of the rare presentations with recurrent OVT. In our patient the most likely trigger is COVID 19 infection (prior to her first attendance). Patent foramen ovale could be a relative risk-fact

Recurrence has been reported in numerous cases of ovarian vein thrombosis, however, it has been reported in women who got other risk factors for DVT, women under hormonal stimulation, underlying malignancy, recent pelvic infection or undergone recent surgery

Refrences

- Nicoletta Riva 1 2, Jean Calleja-Agius . Ovarian Vein Thrombosis: A Narrative Review , 1 1Department of Anatomy, Faculty of Medicine .and Surgery, University of Malta, Msida, Malta
- Lenz CJ, Wysokinski WE, Henkin S, et al. Ovarian vein thrombosis: incidence of recurrent venous thromboembolism and survival. Obstet Gynecol 2017;130:1127–35.- doi:10.1097/AOG.0000000000002319pmid:http://www.ncbi.nlm.nih.gov/pubmed/29016487 PubMedGoogle Scholar
- Martins MM, Carneiro C, Leitão S, et al .Ovarian vein thrombosis: a rare but not to be forgotten cause of abdominal pain BMJ Case Re-ports CP 2021;14:e246542
- Adesiyun AG, Samaila MO, Ojabo A. Postpartum ovarian vein throm- bosis: incidental diagnosis at surgery. Case Rep Obstet Gynecol 2014; 2014: 898342. PubMedGoogle Scholar