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P-13 Sonographic Assessment of Endometriosis Prior to Assisted Reproduction Technologies

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Introduction: The aim of this article was to describe the sonographic assessment of endometriosis.

Method: A narrative review was performed within articles published at "PubMed", "Elsevier", "SID" and original text books to reach the purpose.

Results: Many infertile women presenting at infertility treatment centers suffer from "endometriosis". The significant correlation between endometriosis and infertility has been shown in several studies and the American Society for Reproductive Medicine suggest that %25-50 of infertile women have endometriosis and %30-50 of women with endometriosis, are infertile! Although patients may be asymptomatic in early stages, endometriosis manifests as pelvic pain, presence of an adnexal mass and infertility, but clinical presentations and treatment procedures vary depending on the stage of the disease. Therefore, correct diagnosis and grading the condition helps us for effective administration of the patients and to make better treatment choices. Sonography is a proper helpful modality for diagnosis and grading the disease prior to treatment cycles of assisted reproduction technologies and making better treatment choices. So, every professional working at infertility treatment centers should be aware of application of this diagnostic tool and how to manage patients based on sonographic findings. In this article, we explained the guideline for sonographic evaluation of suspected endometriosis.

Conclusion: Endometriosis is a widespread phenomenon among infertile patients. Therefore, every professional need to learn about the application of sonography in the assessment of the endometriosis and management of patients based on findings.

Key words: endometriosis, infertility, sonography, assisted reproduction technologies