

INTAUTERINE PLATELET RICH PLASMA: CURRENT STATUS

Prof. Aboubakr Mohamed Elnashar

Benha university, Egypt

Introduction: The successful use of platelet rich plasma (PRP) in regenerative medicine has led investigators to study its effect in the treatment of conditions like thin endometrium, Asherman syndrome & Chronic endometritis

Objective: To review uses of intrauterine PRP in reproductive medicine.

Methods: A literature search for English articles, related to uses of intrauterine PRP in reproductive medicine, including articles published in Pub Med, from 2000 to February 2022.

Keywords: PRP, ICSI, Endometrium

Results: For thin endometrium: 10 studies (245 patients), only 3 RCT (102 patients). For Asherman syndrome: 4 studies (51 patients) & Chronic endometritis: 2 studies (6 patient). No RCT.

Conclusion: Intrauterine PRP for thin endometrium is promising & more RCT are required. Intrauterine PRP for chronic endometritis or Asherman syndrome is experimental.