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Fertility following morbidly adherent placenta treated conservatively

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Placenta that is morbidly adherent, considered as an abnormality in placentation leading to its firm attachment to the myometrium because of the absence of deciduas basalis leading to its incomplete separation at the time of delivery. One of the potentially catastrophic obstetric complications, placenta accrete is alarmingly on the rise with high maternal morbidity and mortality rate. The untoward complications may include severe postpartum hemorrhage with its resultant coagulopathy, uterine perforation, shock, infection, loss of fertility and even death. A patient aged 33 years reported overshooting her periods by 10 days and tested positive for pregnancy. Her obstetric history reads third gravida and parity two with one live issue. The last time she was pregnant she had retained placenta following full-term vaginal delivery at home, complicated by postpartum hemorrhage. Thereafter, taken to a private hospital, she underwent three unsuccessful attempts of manual removal/uterine dilatation and curettages and five units of blood transfusion interspersed with repeated episodes of excessive bleeding per vaginally. Failing to manage by this surgical approach, she was referred to our institute for hysterectomy. But we managed her conservatively; the modalities adopted were the placenta was left *in situ* and methotrexate injection was given intramuscularly in the dosage of 1 mg/kg body weight repeated at 72 to 96 hourly intervals for three doses depending on the dimensions and vascularity of the endometrial mass representing adherent placenta with serial ultrasonography and color Doppler studies which showed gradual reduction.

Biography

Rajiv Mahendru has completed his Postgraduate degree in Obstetrics and Gynecology from Himachal Pradesh University and became one of the youngest Professors. Currently, he is the Head of the Department in the only second women medical college of India. He has 41 publications in reputed journals and he is the recipient of a prestigious Award for excellence in Medical field. He was also appointed as the Chief-Editor of the special issue of an international journal of repute and has numerous presentations to his credit at international arena as an invited Guest Speaker. He is the Member of Editorial Board of international journals, Academic Board of many universities, Member of recruitment for medical teachers and Assessor for establishing Medical colleges. He has chaired numerous sessions in the national and International conferences.

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