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One patient, two pregnancies, three cardio versions: Case report

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Cardiac arrhythmia during the pregnancy is although the risk factor is well described but is still a huge problem, because it influences two persons, mother and the fetus. The incidence of these events is estimated at 1, 2 per 1000 and 50% of them are asymptomatic. The treatment might be not needed with mild symptoms, but in some cases pharmacotherapy as a compromise between potential benefits and adverse effect on the fetus is not successful, especially in life-threatened situations. We would like to present a case of healthy women, who underwent cardio version in her second pregnancy and two in her third, all of them effective but had to have cesarean section as the result of third incident of atrial fibrillation in the last pregnancy. Although the risk factors of cardiac arrhythmia are well described, it is still the big concern how to point out and successfully manage with the pregnant women. This multidisciplinary problem demands perfect cooperation of many specialists, obstetrician, cardiologists and neonatologists with instant access to the operating theatre. Hemodynamically significant arrhythmia treated with electric cardio version seems to be safe treatment option during pregnancy. Limited data based on case reports and clinical experiences needs to be confirmed with further investigations on bigger groups of patients.

Biography

Ewa Kurowska is an Obstetrics and Gynecology Consultant in Medicover Hospital, Warsaw, Poland. She is the Head Doctor of Obstetrics and Gynecology Department.

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