

DOI: 10.5281/zenodo.2590007  
UDC: 618.291-07



## Informativity of perinatal medical card in fetal growth assessment

\***Eugenia Bogonovschi**, MD, Undergraduate Student; **Ion Bologan**, MD, PhD, Associate Professor

Department of Obstetrics and Gynecology No 1, Nicolae Testemitsanu State University of Medicine and Pharmacy  
Chisinau, the Republic of Moldova

\*Corresponding author: bogonovschi.eugenia@gmail.com

Manuscript received January 21, 2019; revised manuscript March 04, 2019

### Abstract

**Background:** Failure to provide antenatal information for pregnant women as well as to complete the perinatal medical records at each visit may have negative effects on the child development.

**Material and methods:** A retrospective documentary review study was carried out, which included 100 women of fertile age. The questionnaire included 80 questions within the following rubrics: personal information about the patient, obstetrical-gynecological medical history, and perinatal medical card.

**Results:** The patients were divided into the following age groups <20 years – 10 patients (10.0%), 20-30 years – 67 patients (67.0%), 31-40 years – 21 patients (21.0%) and > 40 years – 2 patients (2.0%). The recommended weight gain range is  $\leq 12$  kg, whereas 59 patients (59%) reported the highest weight gain  $\geq 20$  kg and others showed a mean range of 12-20 kg. The assessment of parity's effects on fetal weight proved that multiparous women give birth to heavyweight newborns. Women in their second pregnancies make up 62%. Vaginal and cesarean births were registered in 88% and 12% of cases, respectively. Spontaneous abortions were reported in 20%, abortions on demand – 21%, and premature births in 5% of cases. The perinatal medical records were fully completed in 49.0% and partially – in 51.0% of cases.

**Conclusions:** The amount of perinatal medical card fulfillment has reached the lowest level, including the "gravidogram" that refers to the fetal growth charts.

**Key words:** gravidogram, fetal biometrics, perinatal medical card.