INTRODUCTION

It is noted that with gestational diabetes mellitus, lipids cross the placenta in a limited amount. It is assumed that their concentration in maternal blood correlates with the concentration of lipids in the fetus to compare the levels of the main indicators of the lipid profile, such as cholesterol, triglycerides and high and low density lipoproteins, in newborns and similar indicators in their mothers with gestational diabetes.

AIM

to compare the levels of the main indicators of the lipid profile, such as cholesterol, triglycerides and high and low density lipoproteins, in newborns and similar indicators in their mothers with gestational diabetes.

RESULTS

The relationship of maternal and neonatal indicators of the lipid spectrum in the neonatal period has not been identified.

The only exception was the concentration of triglycerides, which showed a statistically significant negative relationship between the content of triglycerides in the blood of mothers (Me - 0.005mmol/l) and their babies (ME - 0.001mmol/l).

CONCLUSIONS

1. The results of this study do not strongly confirm the relationship between the lipid content in the blood plasma of mother with gestational diabetes and her newborn.
2. However, in order to draw final conclusions regarding the correction of lipid metabolism in newborns, longitudinal studies with sufficient power are necessary.

REFERENCES


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Professor, PhD V Y Chernenkov (Saratov State Medical University)

CONTACT INFORMATION

Larisa Bochkova lu_lg@mail.ru