

CHANGEABILITY OF MAIN MORPH-FUNCTIONAL INDEXES OF NEWBORNS IN DEPENDENCE OF CHARACTER OF DELIVERY PROCESS AND THEIR MOTHERS' WORKING PLACES

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To reveal the statistically reliable ties of morph-functional signs of newborns with the character of delivery process and their mothers' working places we have done the dispersive analysis of these signs mean values with the following plural comparisons by Shoffe. The changeability analysis of given characteristics has shown some regularities: all main anthropometric indexes of newborns, appeared prematurely, differ in fewer mean values from newborns, appeared in good time. Their body mass is fewer by 1083 gr. (31%) at boys and by 1113 gr. (33%) at girls; body length is fewer by 6 cm (11%) both at girls and at boys; embracing body dimensions are fewer on the average by 3cm (10%) at boys and by 3,5 cm (11%) at girls. Functional state of these newborns on Apgar scale characterizes as below of normal value level; all main anthropometric indexes of newborns, appeared later of established date (belated delivery), have bigger mean values as compared with newborns from normal delivery; newborns, appeared with the help of Caesarean section operation, have fewer embracing head, chest and abdomen dimensions on the average by 0,23 cm (1%), and also insufficient level of Apgar indication, that is typical for girls; newborns of unworking mothers (housewives) as compared with children of women, working in industry, have fewer mean values of body mass by 136 gr.(4%) at girls, and also indexes of head and chest circumferences on the average by 0,6 cm (2%) both at boys and at girls. We have not found other distinctions in this group that may testify to living conditions evening of women of different professions, working and living on the territory of Belgorod region (Russia).