PROPHILACTIC OF POSTOPERATIVE SEPTIC COMPLICATIONS BY MEKSIDOL

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Objective: *to value efficiency of septic complications after sectio Caesaria and episiotomy prophylactic by local application of meksidol.*
Methods: *control of prophylactic during postoperative period based on clinic, biochemical and immunology blood tests, results of ultrasonography.*
Results: *120 patients after sectio Caesaria (group A) and 120 after episiotomy (group B) war examined. Each group divided to subgroup A-1, B-1 (using antibiotics) and A-2, B-2 (infiltration wound by meksidol).*
Conclusions: *prophylactic by local application of meksidol allows lower frequency of septic complications after sectio Caesaria from 8,3% to 3,3% and after episiotomy from 6,7% to 3,3%.*

MOLECULAR STUDIES OF CF IN RUSSIA

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Objective. *Cystic fibrosis (CF) is one of the most common autosomal recessive disorders affecting about 1 in 2 500 live births in Western and 1 per 6000 live births in Eastern Europe populations.*
Methods. *Polymerase chain reaction (PCR) is used for detection pattern of CF mutations in high risk CF families in Russia and in St. Petersburg .*
Results. *Altogether 1955 CF families were admitted for molecular studies & PD of CF in our Center, 390 of them requested for PD & 97 pregnancies after PD were recommended for termination. DelF508 is encountered in 30-50% of all CF chromosomes in different Slavs; other CFTR mutations of diagnostic value in Russians include W1282X; 2143delT; G542X; N1303K, CFTRdel21kb. Common mutation delF508 was registered in 59% PI-patients from St.Petersburg. The most important mutations for molecular diagnostic of CF in St.Petersburg are delF508-59%, CFTRdel21kb-3,7%, W1282X-3%, We adopted multiplex reaction for simultaneous testing delF508 2143delT W1282X and CFTRdel21kb. It allows screening of this common mutations in one reaction.*
Conclusions. *About 65-75%% of all Russian CF chromosomes might be identified by mutation analysis so far. The most important mutations for molecular diagnostic of CF in Russia are delF508, CFTRdel21kb, W1282X , 2143delT.*