

Premature rupture of membranes is one of the most important causes of preterm delivery. PROM complicates 5-15 % pregnancies and relates with 18-20 % perinatal mortality according various literary sources. The main cause of PROM is GBS-infection. PROM in Czech republic is about 3,7 %. Physical examination, clinical symptoms, positivity of amnionic fluid and ultrasound imaging are basic technique for PROM's diagnosis. The week of gestation is the most important in management of PROM's therapy. In the case of positivity GBS- colonisation in lower genitourinal tract, there's recommended Penicillin's prophylaxis.