

TESIS

**KOLONISASI STREPTOCOCCUS  $\beta$  HEMOLYTICUS GRUP B  
PADA SELAPUT KETUBAN IBU MELAHIRKAN DENGAN DAN  
TANPA KETUBAN PECAH PREMATUR**

**MILIK  
PERPUSTAKAAN  
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## ABSTRACT

This research is to identify colonization of *Streptococcus β hemolyticus group B* of amnion membrane from post partum mothers who have *premature rupture of membrane (PROM)* and haven't it, at birth room in Dr. Soetomo Hospital Surabaya at June and July 2007.

Design of this research used Discriptive observationally, to examine 23 amnion membranes from *premature rupture of membrane (PROM)* and 23 amnion membranes that non *premature rupture of membrane (PROM)*. The specimen is taken from amnion membranes early after third fase of labour. Aseptically cutting the amnion membranes, size around 1 x 1 cm, as soon as the specimen put in the sterile container with 5 ml normal saline. The specimen exmined using standard method in Microbiology Laboratory, Medical Faculty, Airlangga University.

The results of the research showed that amnion membrane from post partum mothers with *premature rupture of membrane (PROM)* did not detect colonization of the *Streptococcus β hemolyticus group B*, and non *premature rupture of membrane (PROM)* did not detect colonization of the *Streptococcus β hemolyticus group A* (17,5 %) and *Staphylococcus aureus* (17,5 %).

**Keywords :** *Streptococcus β hemolyticus group B, amnion membrane, premature rupture of membrane (PROM)*