Relationship between peripheral blood interleukin 6 and premature delivery

XIAO Fang-fang, LI Jia-ning, HUANG Li-ping, LIU He-lu, WU Qin-lan
(Shajing Hospital Affiliated to Guangzhou Medical College, Shenzhen 518104, China)
[Foundation Project]: Scientific and Technological Plan of Baoan District, Shenzhen(2009404)
[Author]: XIAO Fang-fang (1972-), Female, Xupu Hunan, Technician-in-Charge, M.B., Tel:
13632817833, Email: hu_yanbin@qq.com
Received: 2011-09-29 Revised: 2011-10-26 JHMC, 2012;18(1):87-89

View from specialist: It is creative, and of certain scientific and educational value.

[ABSTRACT] Objective: To investigate the relationship between IL-6 in peripheral blood and premature delivery. Methods: A total of 60 cases with single pregnancy and threatened preterm labor admitted from June 2009 to June 2010 in our hospital served as threatened preterm group (experimental group), and 30 cases from antenatal clinics were selected as control group. IL-6 in peripheral blood was measured. Pregnancy women in experimental group were divided into two groups according to tocolytic result. Results: IL-6 levels in experimental group were higher than the normal delivery group (P<0.05) Conclusions: IL-6 levels is associated with premature delivery, and can help improve the prediction accuracy of premature labor.

[KEY WORDS] Interleukin 6; Premature labor; Tocolytic treatment