

ABSTRACT**ANALYSIS OF FACTORS AFFECTING THE OCCURRENCE OF ANEMIA IN ADOLESCENCE AGE PREGNANCY IN SAWAHAN DISTRICT OF SURABAYA CITY**

There was high enough of medical risk in pregnancy for adolescence. Because their reproductive organs did not ripe enough to do its function. The effect of anemia in pregnancy of adolescence age could caused harm during their pregnancy. This research aimed to analyse several factors that influence the occurrence of anemia in pregnancy in adolescence age in Sawahan District of Surabaya City. This research type was analitic observational. Case control design was used as the research design because the using of 2 groups of cases, which were pregnant mother in adolescence age with anemia case and control group (pregnant mother in adolescence age who did not suffer anemia). In conclusion, pregnant mother in the third trimester have the possibility of anemia 8.85 times than pregnant mother in second trimester; Pregnant mother who have food consumption pattern less than nutritional adequacy rate (NAR) have the possibility of anemia 6.321 times than pregnant mother who have food consumption pattern more or equal to the nutritional adequacy rate (NAR); Pregnant mother who did not perform pregnancy check up regularly has possibility of anemia 4.421 times than pregnant mother who regularly check up her pregnancy. Based on this research, researcher advise to optimalize the appropriations of Fe tablets program whether the pregnant mother really consume it, optimalize the appropriations of Communication, Information and Education (CIE) by health workers about the important of pregnancy check up and counseling about anemia in pregnancy.

Keywords : adolescence pregnancy, anemia, Surabaya