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## Association between blood group and hypertension among pregnant Women in Beni- suef City

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**Overview:** Hypertension is one of the most common medical problem encountered in pregnancy and is a major cause of maternal, fetal and neonatal morbidity and mortality in both developing and developed countries.

**Aim:** To evaluate the association between blood group and hypertension among Women in Beni- suef City among pregnant Women in Beni- suef City.

**Subject and Methods:** A descriptive study, 380 pregnant women diagnosed with hypertensive disorders (Gestetional or pre eclampsia) attended at antenatal clinic of Beni–Suef General Hospital through six months. The sample was collected 2days a week.

**Tools:** A questionnaire sheet, Socio-demographic tool.

**Results:** Hypertension of ABO blood group was B (51.3%) followed by group O (25.5%)group A (3.7%) and group AB (1.9%). In obesity of ABO blood group was B (7.9%) followed by group O (6.2%) group AB (20.3%) and group A (2.9%). Statistically significant difference was found in both groups ( $p < 0.005$ ).

**Conclusion:** The B blood group in pregnant women was more susceptible to hypertension.

**Recommendations:** Postnatal education guidelines should be included.

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