

## P72. The Relationship Between Maternal Obesity and Prenatal Attachment

*H ALAN DIKMEN (TR) [1], S Cankaya (TR) [2]*

### ABSTRACT

**Context:** Maternal obesity is an important public health problem and it is commonly seen in there reproductive period age group of women.

**Objective:** This study aims to determine the relationship between maternal obesity and prenatal attachment.

**Patients/Interventions:** The current study conducted as descriptive and cross-sectional included a total of 400 pregnant women who were at the last trimester of their pregnancy. The data were collected between November 14th, 2016 – January 23rd, 2017 from the pregnant women who applied to a maternity and pediatric hospital in Konya, Turkey.

**Measures:** Questionnaire form containing the socio-demographic and obstetric features of the pregnant women and Prenatal Attachment Inventory were used as data collection tools. Average, standard deviation, percentage, one way ANOVA and independent sample t test were used in the statistical analyses.

**Results:** Average age of the pregnant women participated in the study is  $28.41 \pm 6.23$ . Of the pregnant women, 63.3% have primary school and lower degrees, 83% of them do not work and 76% of them have wanted pregnancy. The Body Mass Index average of the pregnant women is  $28.14 \pm 3.63$  and their Prenatal Attachment Inventory averages core is  $61.24 \pm 0.49$ . The Prenatal Attachment Inventory averages core of the obese pregnant women was found lower than the pre-obese pregnant women at a significant level ( $p < 0.001$ ).

**Conclusion:** Maternal obesity is a risk factor for prenatal attachment and it decreases prenatal attachment level. In the prenatal period, midwives and nurses should be careful about maternal obesity in the pregnant women they cared and determine the risk factors at early periods and provide the necessary nutrition training and they should direct them to a specialist if necessary.

**Key words:** Attachment, pregnancy, maternal, obesity, prenatal

[1] SELCUK UNIVERSITY, Konya, [2] Selcuk University, Konya