

## **Mood and behavioral dysfunction in polycystic ovarian syndrome patients**

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The objective of this work was to study the effect and the relationship of the elevated level of free testosterone on the mood and behavior of adult females with polycystic ovarian syndrome. Twenty-five adult women with polycystic ovarian syndrome were compared with 25 healthy women in the childbearing period. Depression, anxiety, body satisfaction, anger and aggression were assessed and correlated to the levels of free testosterone determined. The results showed that depression, anxiety and aggression were increased in polycystic ovarian syndrome patients and were highly correlated to the elevated free testosterone levels and body dissatisfaction. The results showed the influence of pathologically elevated levels of testosterone on adult female behavior and its impact on other psychological manifestations.