

## **HAIR REMOVAL OF HIRSUTISM CAUSED BY ENDOCRINOLOGICAL DISEASE OR DRUG INDUCED- A RETROSPECTIVE STUDY OF 253 PATIENTS**

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**Background:** Since 1996 our department has treated Hirsutism caused by hormonal changes, transsexuals' man to woman, endocrinological diseases (mainly polycystic ovary syndrome) and drug induced mainly with intense pulsed light, but also different kind of lasers. The question arose whether it worked as well as on healthy patients with no hormonal changes.

**Method:** 253 records from patients that have been treated during the last 6 years were examined .213 of them were relevant for the study. Evaluating was done based on photos and case records. The average age of the patients was 29.6 years and the majority females. As expected the largest category was women with endocrinological diseases.

**Results:** 6-12 treatments with an average of 8.3 treatments .The overall result was good. On a scale of 1-4 (where 1 were poor, 2 fair, 3 good and 4 excellent an average of 2.9 was obtained. Incidences of side effects were very low. 68% were on some kind of medication. If the patients stopped taking their medication hair growth reoccurred to a certain degree.

**Conclusion:** Overall results were good. Hair removal with IPL seems to work as well in patients with endocrinological disturbances as in patients with no hormonal problems. Interestingly, patients diagnosed with hyperandrogenic disturbances were clearly dominated by patients of non-Scandinavian descent. This may indicate a normal genetic variant in non-Scandinavian countries.