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Severe forms of condylomata (genital warts) in the genitoanal region: The new radio wave technique as the most effective therapeutic and esthetic solution

Background: Condyloma epidemic in the recent time as the consequence of low risk HPV type 6 and 11 infection, affecting primarily younger generation, girls from 18 to 23 years of age. High incidence of HPV infection, accompanying by condylomata is the result of very easy transmittance since it is a sexually transferred illness STD. Only one unprotected intercourse (without protection of condom) is sufficient since it is sexually transmitted disease. The awareness of changes in the genital and anus area with young girls is a cause of fear and concern. This calls for additional responsibility in diagnostic approach and choice of best therapy.

Methods: The study has been conducted on 150 patients from 16 to 50 years of age, both sexes, including pregnant women and immune deficient patients with medium to heavy forms of condylomata in the entire region of genitals, anus an intra-anus in men. This all present a huge therapeutic challenge on account of sensibility of the genitals and anus area to forced trauma, inaccessibility of approach, high vascularization of vagina, cervix and hemorrhoid circle area and exposure to infection, bacteria flora (vagina and colon).

Results: New technique of radio waves of 4 Mhz combines in a special way excision and vaporization which result in almost bloodless work area and ensures precision in total removal of condylomata in one medical procedure and in severe cases, 20% with very heavy and some of Buschke Loewenstien forms, two procedures in local anesthesia. The time for the intervention is from 5 to 30 minutes without hospitalization. Thanks to new procedure technique and specially designed attachments, the lateral damage to healthy tissue is less than 10 microns. Insignificant lateral damage to the tissue and minimum bleeding do not affect the local immunity which is key to speedy recovery without infection and relapses percentage of less than 3% in the follow up period from 3 to 18 months. With young girls, the absence of esthetic status is paramount since there are no scars and traces of intervention on the treated area and the functionality of the same is not affected at all.

Conclusion: RW 4 Mhz system and described technique is a new, effective, painless, safe and bloodless method with maximum therapeutic and esthetic effect and the least known rate of relapses, below 3% with these forms of condylomata. The ease of technique in local anesthesia makes this as a therapy of choice even during pregnancy. It takes approximately 5 weeks of total recovery and abstention after intervention from sexual intercourse, regardless of the gravity of case in question.

Biography

Igor Jeremic has completed his Medical Doctor degree at the Faculty of Medicine in Belgrade in 1999 and Specialization in Obstetrics & Gynecology in 2006 with the highest grade 10 at the Medical Faculty in Belgrade. He has also completed specialization in Radio Wave Dermatosurgery in New York in 2008. In 2010, he was appointed as a Licensed Educator of radio wave surgery for Europe: Turkey and Russia in the field of gynecology and dermatosurgery by an expert team of doctors in New York. He is the Founder and the Owner of "Polyclinic Jeremic" the Educational Center of radio wave surgery for Europe.

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