

Košice: March 24, 2011

**SUBJECT:**

**Experiences with Waterjel at the Department of Radio-oncology VOÚ, a.s.**

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Our department received this product in January 2011 and tested it on four patients. The first patient underwent large radiotherapy treatment in the area of back after a surgery of soft tissue sarcoma. At the treatment planning bolus was used, skin was treated with the fraction of 54Gy. Only erythema appeared, the patient went through the treatment only with minimum difficulties. The product was used also at three patients treated for advanced carcinoma of head and neck. Two patients had 3DCRT and one IMRT planning, total volume represented the fraction 50 - 54Gy for neck and the fraction 70Gy for advanced head a neck tumor. At two cases cisplatin and in one case cetuximab were given concomitantly. At all cases we could observe only the reaction in the form of erythema – 1st degree by CTC v. 4. In the last case we used the product for a patient with advanced inoperable rectal carcinoma infiltrating also into anal and colpos, where wet desquamation in the area of perinea and sulcus glutealis was detected. After local application the patient felt immediate relief, similar what we could observe at steroid local products.

To conclude, our experiences are very good, after application patients felt subjective relief and treatment tolerance was improved. We are planning to use this product for selected patients also in future but its indication will be probably limited by the price.

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