

Electro-chemotherapy in a case of oral squamous cell carcinoma: case report and consideration

Abstract

Background: Squamous Cell Carcinoma (SCC) is the most common oral cavity malignant tumor. Surgery, radiotherapy, and chemotherapy have been major opinion for its treatment. ECT is a novel local treatment successfully used in secondary or primary skin or subcutaneous treatment.

Methods: we report a case of man affected by Squamous cell carcinoma male patient, aged 51 diagnosed with squamous cell carcinoma (SCC). Had pain, difficulty in swallowing and talking. Patient was treated with ECT with Eight, 1000V/cm, 100 μ s pulses were applied using Sennex electroporator. Results Two ECT sittings with 2 weeks interval were given and the tumor volume reduced significantly, enhancing the quality of life. Figure 1 shows the tumor, before and 12 days after treatment.

Conclusion: The Tumor volume reduced almost 90% shows good clinical results.

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Background

Squamous Cell Carcinoma (SCC) is the most common oral cavity malignant tumor. Surgery, radiotherapy, and chemotherapy have been major opinion for its treatment. ECT is a novel local treatment successfully used in secondary or primary skin or subcutaneous treatment.

Methods

We report a case of man affected by Squamous cell carcinoma male patient, aged 51 diagnosed with squamous cell carcinoma (SCC). Had pain, difficulty in swallowing and talking. Patient was treated with ECT with Eight, 1000V/cm, 100 μ s pulses were applied using Sennex electroporator.

Results

Two ECT sittings with 2 weeks interval were given and the tumor volume reduced significantly, enhancing the quality of life. Figure 1 shows the tumor, before and 12 days after treatment.



Figure 1 Head & Neck Cancer Patient 1 (before treatment (left), 12 days after treatment (right).

Conclusion

The Tumor volume reduced almost 90% shows good clinical results.¹⁻⁴

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Conflicts of interest

The authors have no financial conflicts of interest to declare.

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