

# 9<sup>th</sup> Indo Global Summit on **Cancer Therapy**

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## **Electro-chemotherapy in a case of oral squamous cell carcinoma: Case report and considerations**

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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) who had pain, difficulty in swallowing and talking. Patient was treated with ECT with eight, 1000 V/cm, 100  $\mu$ s pulses were applied using Sennex electro-porator.

**Results:** Two ECT sittings with 2 weeks interval were given and the tumor volume reduced significantly, enhancing the quality of life before and 12 days after treatment. Patient underwent flap reconstruction.

**Conclusions:** The tumor volume reduced almost 90% shows good clinical results.

### **Biography**

S Sasi Kumar has started his career as Staff Nurse & Theatre Nurse at Sundaravadanan Nursing Home. Currently he is Properitor for NEW AID Cancer Technologies.

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