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# Novel Therapeutic Strategies for Oral Squamous Cell Carcinoma-An Overview

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## Abstract

Surgery, radiotherapy, and chemotherapy have been the mainstay of oral squamous cell carcinoma (OSCC) management. However, these treatments often come with significant side effects and limitations, including systemic toxicity and drug resistance. Recent advancements in therapeutic strategies for oral cancer have focused on more targeted and less invasive approaches. Some of the novel therapeutic strategies for OSCC include immunotherapy, targeted therapy, photodynamic therapy, gene therapy, phytochemicals, nanotheranostics, and CRISPR/Cas technology. These novel strategies offer promising avenues for improving the outcomes and quality of life for patients with OSCC. Ongoing research and clinical trials are essential to further refine these approaches and make them widely available.

**Keywords:** oral cancer, recent, squamous cell carcinoma, treatment,