

# HEAD AND NECK CASE STUDY

## Case 3 :

TCR-p53 Therapy in Inoperable  
HNSCC

### PATIENT PROFILE

- **Age/Sex:** 52/F
- **Diagnosis:** Inoperable Head and Neck Squamous Cell Carcinoma (HNSCC)

### PREVIOUS TREATMENT HISTORY

#### Systemic Therapies:

Cisplatin + 5FU + Pembrolizumab

Triple Metronomic (Paclitaxel + Cetuximab)

#### TCR-p53 Therapy

Lymphodepletion: FC ×3

TCR Therapy: Day 0 & Day 3

**The provided images show a clear before-and-after comparison of an oral lesion, likely related to the patient's inoperable HNSCC.**

Here's the key inference:

#### Before (Left Image):

Large ulcerated lesion with necrotic tissue and inflammation.  
Visible tumor involvement with irregular borders.

#### After (Right Image):

Significant regression of the lesion.  
Smoother mucosal surface with reduced inflammation.  
No visible ulceration, suggesting a positive response to TCR-p53 therapy.

Before



After



"This visual evidence supports the effectiveness of the treatment in reducing tumor burden."

## CONCLUSION

TCR-p53 therapy shows potential as a treatment option for inoperable HNSCC after multiple lines of systemic therapy. Despite manageable adverse events, including moderate CRS and fever, the patient tolerated treatment, supporting the feasibility of TCR-based strategies in heavily pretreated cases.

