# ROS-scavenging Amino Acid-derived Lipids for the Prevention and Treatment of Radiation Dermatitis in Patients With Head and Neck Cancer

NCT07081074

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| **Status** | RECRUITING |
| **Phase** | Not Applicable |
| **Sponsor** | West China Hospital |
| **Enrollment** | 40 participants |

## Plain Language Summary

This study is testing a special skin cream made from amino acid-based lipids (natural building blocks of protein) to see whether it can prevent or treat radiation dermatitis — the painful skin inflammation, burns, and peeling that commonly occur during radiation therapy for head and neck cancers.

**You may be eligible if...**
- You have been diagnosed with a non-metastatic (not yet spread) head or neck cancer confirmed by biopsy
- You are scheduled to receive high-dose radiation therapy as your primary treatment or after surgery

**You may NOT be eligible if...**
- You are very unwell and cannot tolerate treatment well (ECOG performance status above 2)
- You already have a skin rash, wound, or open sore in the area that will be treated
- You have a known allergy to trolamine or amino acids
- You have an inflammatory skin condition in the treatment area
- You have had prior radiation therapy to the head or neck

Talk to your doctor to see if this trial is right for you.

## Key Eligibility Criteria

### Inclusion (2)

- Patients with a pathological diagnosis of non-metastatic head and neck malignant tumors;
- Patients deemed suitable for high-dose radiotherapy, either as a primary treatment or as postoperative treatment following surgical resection.

### Exclusion (5)

- Eastern Cooperative Oncology Group performance status of \>2;
- Pre-existing skin rash, ulceration or open wound in the treatment area;
- Known allergy to trolamine or amino acid;
- Inflammatory or connective tissue disorder of the skin;
- History of head and neck radiotherapy.

## Locations (1 total)

West China Hospital, Sichuan University, Chengdu, Sichuan, China



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