

- **Osseous destruction**
- Formation of oroantral communications

SURGICAL INTERVENTION

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corticosteroid use

prolonged ICU stays

poorly managed

diabetes

dialvsis.

2.

immunocompromised

•COVID-19 pandemic in

India, 77.6% of cases

were rhino-cerebral

mucormycosis.

elderly individuals.

- Excision of necrotic bone, potentially leading to maxillectomy.
- Tissue and bone defects vary in complexity based on tissue loss extent.

- Rehabilitating post-COVID rhino-maxillary mucormycosis patients 1
 - Lack of maxillary bone, including pterygoid and zygomatic bone involvement
- Adherence of nasal and sinus mucosa with palatal mucosa
- \checkmark Fibrosed palatal mucosa
- \checkmark Loss of lip support
- \checkmark Reduced stress-bearing area
- \checkmark Lack of vertical guidance
- Overclosure of the mandible

Emphasis on the transformative potential of customized solutions in treating post-COVID mucormycosis patients given by prioritizing both optimal functionality and aesthetics through patient-specific implants, these solutions offer a significant leap forward in personalized medicine

Further research and development in biocompatible materials and 3D printing technology will allow for even more precise and adaptable implant designs, exploring cost-effective production methods can make these customized solutions more accessible to a wider range of patients

Ultimately, the future of post-COVID mucormycosis rehabilitation lies in personalized care, empowering maxillofacial surgeons to restore not only physical function but also a sense of self-confidence and normalcy in their patients' lives.