

# DENTAL TRAINING PHANTOM



## Product Guidelines

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- Designed for advanced dental surgery training, specializing in tooth extraction, implantology, and nerve canal management.

## DESCRIPTION

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Designed to address the demand for highly realistic surgical simulation, this high-fidelity model utilizes advanced multi-material PolyJet 3D printing technology to replicate the complex internal and external anatomy of the human jaw.



## KEY FEATURES & PATHOLOGIES

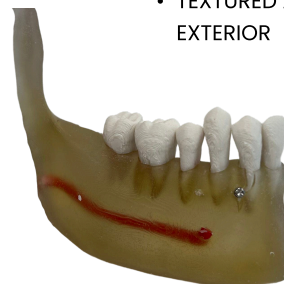
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- **Surgical & Implant Training:** A versatile model specifically designed to train and simulate tooth extractions, dental implant positioning, and bone-related surgeries.
- **Internal Anatomy Visibility:** Engineered with translucent or cross-sectional elements to visualize internal structures like the mandibular nerve, allowing for precise surgical control.
- **Realistic Tissue Haptics:** The gingival material is formulated to match the tactile resistance, flexibility, and behavior of authentic human soft tissue during incision and manipulation.
- **Anatomical Accuracy:** Replicates realistic root structures and bone morphology to provide a true-to-life experience for restorative and surgical dentistry.

## ANATOMICAL COMPOSITION

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- EXTRACTABLE TEETH
- MANDIBULAR NERVE CANAL
- REALISTIC ALVEOLAR BONE
- HIGH-FIDELITY GINGIVAL TISSUE
- TEXTURED ANATOMICAL EXTERIOR



## WARNINGS AND SAFETY

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- **Intended Use:** This product is intended exclusively for educational and medical simulation purposes.