

Denture (Milled)

Overview of Dandy Denture Offerings

Dandy's final dentures (partials and full) are designed/fabricated using digital technology (some partials are fabricated by hand), allowing for a precise fit and customization to the patient's specific needs. They are made of highly durable and biocompatible materials, ensuring long-term comfort and function.

Indications for Use

Dandy's Dentures are removable prostheses intended for the replacement of missing natural teeth and associated oral structures. They are indicated for fully edentulous and partially edentulous patients requiring prosthetic restoration.

Contraindication

Do not use in patients with:

- Uncontrolled periodontal disease
- Severe residual ridge resorption
- Untreated oral lesions
- Known hypersensitivity to acrylic or PMMA-based materials

Not recommended for patients with parafunctional habits or bruxism due to monolithic wear.

Potential Risks and Benefits of Dentures

Advise patients of the following:

The use of final dentures may have potential risks:

Risks (all types):

- Gingival irritation, mucosal soreness, ulceration
- Poor adaptation may cause instability or trauma
- Allergic response to base or teeth materials

However, the benefits are overwhelming.

Benefits:

- Restores oral function, speech, mastication, and esthetics
- Digitally fabricated for precision fit and reduced chair time
- Material-specific advantages:
 - HIPA: High-impact resistance, lifelike esthetics
 - 199 Resin: Lightweight, digitally accurate
 - PMMA: Seamless monolithic finish

Directions for Use

To ensure proper use of final dentures, dental professionals and patients should follow these steps:

Insertion Protocol:

1. Clean oral tissues with a soft-bristle brush or rinse
2. Hold the denture by the edges; insert using a gentle rocking motion
 - a. If it is a partial denture, gently place it in the mouth and use your fingers to guide it into position. Avoid using excessive force or pushing the partial denture too far.
3. Instruct the patient to bite and swallow to seat
 - a. If it is a partial denture, instruct the patient to gently bite down on the partial denture to ensure proper

fit and stability.

4. Use adhesive if retention is insufficient
5. Use carbon articulation paper to adjust any heavy occlusion points.

Adjustment Guidelines:

- Use high-speed rotary instruments with light pressure
- Maintain temperature with water and air spray
- Avoid dry adjustments to prevent micro-fractures
- Recommended burs:
 - Football-shaped: Occlusal and lingual surfaces
 - Tapered: Buccal and anterior shaping

Material-Specific Notes:

- HIPA: Pour resin - adjust with cooling to preserve integrity
- 199 Resin: Printed - adjust gently to avoid delamination
- PMMA: Milled - adjust with carbide burs; polish for finish

Cleaning and Care **

DAILY CLEANING

Dandy recommends cleaning your dentures daily before and after every use. Immediately after removal, use warm water (not to exceed 45°C/113°F) and dishwashing soap to remove remaining saliva and debris from the device.

- Only use soft, antibacterial dish soap (liquid)
- Do not use flavored or scented soaps
- Do not use soaps with heavy dyes and colors

USING CLEANING AGENTS

For periodic debris removal and maintenance, use a soft-bristle brush to clean the inside of your appliance. The denture should be cleaned with antibacterial denture cleaning solutions like Polident and Efferdent. These cleaners are designed for use in brief sessions of 10–15 minutes. Always make sure to follow the manufacturer's instructions for proper use.

Do not use:

Avoid immersing the denture in, or cleaning it with, any of the following substances: sodium hypochlorite (chlorine bleach), hydrogen peroxide, mouthwash, or alcohol products. Using these can lead to discoloration and damage to the material.

****[Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008 Update: June 2024](#)**

Storage instructions

- When not in use, store final dentures in a clean, dry place. Avoid exposing the dentures to excessive heat or pressure, which may cause warping or other damage.
- Final dentures are designed to last for several years with proper care and maintenance. Patients should contact their treating dentist/practice for evaluation and repair if dentures become damaged or lose their fit.

Additional Information

- Clinical studies have shown final dentures to be an effective and reliable treatment option for patients with missing teeth.
- If the patient experiences any adverse events, such as pain or irritation, they should discontinue use and contact your practice immediately.
- Final dentures have a limited warranty, which may vary depending on the manufacturer.

- Smoking with the dentures inserted can cause discoloration

Aesthetic



The Aesthetic Denture provides premium aesthetics and features the most realistic gingiva. This denture is ideal for highly aesthetic cases and patients with a highly visible gum line.

- Base Material - Ivoclar Ivotion
- Tooth Material - PMMA
- Manufacturing - Milled
- Features - High festooning and stippling

Signature vs Aesthetic

Milled, printed, and poured denture bases provide impressive fracture resistance. However, Dandy recommends the Signature Acrylic Denture as the best option for most cases for its increased strength and durability.

Dandy's Signature Acrylic Denture features Dentsply Sirona Lucitone® HIPA Resin, which is the first pourable acrylic denture base that exceeds the ISO standards for improved impact resistance.

The Signature Acrylic Denture also features teeth fabricated with Dentsply Sirona's Digital IPN® 3D Print Resin. In a Boston University study, Lucitone teeth feature lower volume loss and, therefore, higher wear resistance, compared to other top resins in the market.

See an example of Aesthetic Dentures below.



Material Safety Data Sheet (MSDS)

Linked are the Material Safety Data Sheets for our Denture Materials. Link:

[Full Dentures Material Safety Data Sheets](#) □

[Partial Dentures Material Safety Data Sheets](#)



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Approve	Garvin Tran	Manager, Operations - QMS	09-Sep-2026 14:43

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