



**Less Chair Time.**  
**Happy Patients.**

# Denture cases with a quicker, simpler digital workflow.

With new digital technologies delivering greater accuracy and more streamlined workflows, digital dentures offer not only an improved experience for your patients, but also a valuable growth opportunity for your practice.

Whether you are an experienced intraoral scanner user or just beginning your digital journey, Precision Dental provides the ideal opportunity to partner with us in upgrading your patients' existing full dentures through a simplified and efficient digital workflow.

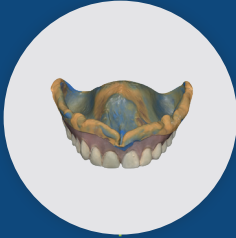
**Introducing Precision Digital Replica Dentures - an advanced digital denture solution designed to transform the way full denture cases are treated.**

Utilising the latest in digital manufacturing technology, Precision Digital Replica Dentures streamline both the clinical and laboratory workflow, helping you deliver accurate, durable, and aesthetic results with greater efficiency and faster turnaround times.

With our simplified digital workflow, patients with existing full dentures can receive their new dentures in as little as two weeks.\* Experience a more predictable and efficient approach to full denture treatment with Precision Digital Replica Dentures - specifically developed for patients with existing full dentures.



## 1st Appointment: Scan and Submit



**Intraoral scan of  
impression**

Using an intraoral scanner, take a reline wash scan together with the opposing and bite records. Submit the scans along with your case specifications through your scanner's order form to begin the process.

While the new dentures are being digitally manufactured, your patients can continue wearing their existing dentures for greater comfort and convenience.

## Design & Manufacture: Precision Dental



**Manufacturing**

At Precision Dental, we design and manufacture dentures after final approval of the digital design.

Using advanced CAD/CAM workflows and precision milling technology, we produce full dentures to your exact specifications using high-quality materials for consistent, reliable results. Our skilled technicians then finish each case to ensure optimal aesthetics, blending digital innovation with expert craftsmanship.

Every case is carefully quality-checked before being packaged and shipped to ensure excellent fit and finish.



**The final result**

## 2nd Appointment: Denture Delivery

The new dentures are now ready for delivery. At this appointment, try in the prosthesis and assess fit, comfort, and function to ensure optimal results.

Once confirmed, issue the final dentures to your patient—completing the process in just two appointments.\* Your patient can now enjoy a confident, brand-new smile with improved comfort and aesthetics.



## Benefits for Patient

Precision Denture Solutions are designed to provide a smoother, more comfortable patient experience — from the first consultation through the long-term wear of their dentures.

- Fewer appointments required
- Patients can continue wearing their current dentures while new dentures are being fabricated
- Improved comfort and fit
- Easy replacement options without restarting the entire process
- Natural-looking aesthetics
- Durable, long-lasting results

## Benefits for Dentist

Precision Denture Solutions deliver immediate advantages that help improve workflow efficiency, reduce clinical time, and support greater practice profitability.

- Save chair time with a streamlined denture workflow
- Simplify case management from start to finish
- Attract new patients with modern digital denture solutions
- Maintain a permanent digital record for easy future reproduction
- Minimise post-insertion adjustments and remakes
- Deliver a more predictable and efficient patient experience

## Digital Wash Impression Protocol for Replica Dentures

At Precision Dental, we support clinicians in adopting digital protocols with confidence. Our step-by-step protocol for capturing a wash impression for a digital replica denture includes:

### 1. Assess Retention

Evaluate the fit and retention of the existing denture to identify any areas requiring attention.

### 2. Apply Adhesive and Medium Body PVS

Apply adhesive to the denture's acrylic surface before adding medium body PVS material to ensure stability during border moulding.

### 3. Border Moulding

Seat the denture in the mouth and perform muscle trimming to capture functional anatomy and improve accuracy.

### 4. Refine the Impression

Trim excess material from the post-dam area while avoiding the fitting surface.

### 5. Apply Light Body PVS

Apply a thin layer of light body PVS, reseal the denture, and perform a second round of muscle trimming for enhanced detail.

### 6. Remove Excess Material

Clean excess material from the buccal and labial areas to improve retention and anatomical accuracy.

### 7. Scan for Digital Duplication

Perform an extra-oral 360-degree scan of both intaglio and cameo surfaces, capturing all relevant anatomical details for digital replication.

### 8. Record the Bite

Apply bite registration material and scan in centric relation according to your scanner protocol.

# Dentures



Every case handled, start to finish.