

Digital Dentures for Public Patients

Program Overview & Results – NSW & Tasmania

Where smile meets technology in public health.

About

Smilogy Public Health partners with health services to deliver **modern, digital dentures** for public patients – particularly in **regional, rural and remote communities**.

Instead of traditional impressions and long waits, Smilogy uses a **fully digital workflow**:

1. **3D scan** – no messy impressions
2. **Digital design** – computer-aided denture design
3. **Australian manufacture** – local, quality-controlled production
4. **Digital file storage** – dentures can be remade or reprinted quickly if needed

This model allows health services to **treat more patients, with fewer visits, closer to home**.

At a glance – what we've delivered so far

Across NSW and Tasmania, Smilogy Public Health has:

- Treated over 900 public patients with digital dentures
- Delivered well over 1,300 individual dentures
- Completed most patient journeys in 2–3 visits
- Managed remakes and refinements digitally, without starting from scratch

Successfully operated across:

- 5 NSW Health hubs
- 2 Tasmanian public clinics
- 2 Aboriginal community health partners

In short: We've shown that **digital dentures work at scale** in public systems – from coastal towns to remote inland communities.

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Why digital dentures for public health?

Challenges with traditional denture models

Public denture programs often face:

- Long waiting lists
 - Multiple visits for impressions, try-ins and adjustments
 - Travel burden for patients in regional and remote areas
 - Limited ability to rapidly replace lost or broken dentures
 - Difficulty reporting activity and outcomes in a consistent way
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How Smilogy's model helps

Smilogy Public Health is designed to be:

- **Fast** – fewer visits, streamlined workflow
- **Local** – clinics run in existing health facilities
- **Repeatable** – digital files allow quick remakes and replacements
- **Measurable** – data on patient numbers, visits, dentures and remakes is captured and reportable

This approach supports **equity, efficiency and accountability** for health services.

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NSW Health – Digital Denture Program

Where we work

Smilology Public Health provides digital denture clinics for NSW Health across five regional hubs:

- Bega
- Moruya
- Albury
- Griffith
- Broken Hill

Program period analysed: **October 2023 – October 2025.**

NSW program – headline outcomes

- 535 NSW public patients treated with digital dentures
- Over 700 digital dentures designed, manufactured or reprinted
- 5 regional hubs spanning Southern, Murrumbidgee and Far West NSW
- Around 1 in 6 patients required a digitally managed remake or reprint

In a recent NSW cohort:

- 61% completed in 2 visits
- 89% completed in 3 visits or fewer
- 100% completed in 4 visits or fewer

What a typical NSW patient journey looks like

Visit 1 – Assessment & 3D scan

- Conducted at the local public health clinic
- Scan replaces traditional impressions

Visit 2 – Denture issue

- New dentures fitted, adjusted and issued

Optional visits – Review or digital reprint

- Only required for comfort adjustments or refinements

For most NSW public patients, the **entire denture journey is complete in 2–3 visits.**

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Tasmania – Devonport & Burnie Digital Denture Program

Where we work

In Tasmania, Smilogy Public Health operates digital denture clinics in:

- **Devonport**
- **Burnie**

Program period analysed: **August 2024 – November 2025.**

Tasmanian program – headline outcomes

- 364 Tasmanian public patients treated with digital dentures
- Over 590 individual dentures manufactured
- 2 regional hubs in the state's North West: Devonport & Burnie
- Around 15% of patients required a remake or reprint

Visits and patient pathway

A detailed analysis of Tasmanian patients (May–October 2025) showed:

- 41% of patients finished in 2 visits
- 78% finished in 3 visits or fewer
- 89% finished in 4 visits or fewer
- 99% finished in 5 visits or fewer

The practical pathway is the same as NSW: scan, design, issue, adjust, usually within 2–3 appointments.

Why this matters for Tasmania

- Reduced travel for older and medically complex patients
- Faster completion of treatment
- Ability to plan block clinics in Devonport and Burnie, with scheduled review trips to manage adjustments and remakes efficiently

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Aboriginal Health Partnerships – Bourke & Narooma/Katungal

Partnering with Aboriginal community health services

Smilology Public Health also runs digital denture clinics in partnership with Aboriginal health services in:

- **Bourke**
- **Narooma/Katungal**

Program period analysed: **May – November 2025.**

Aboriginal health program – headline outcomes

- 41 Aboriginal health patients treated
 - More than 60 digital dentures manufactured
 - Majority of patients received both upper and lower dentures
 - Only one digitally managed remake across all 41 patients
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Why the model suits Aboriginal health settings

- Care is delivered on Country, within familiar services
- The 2–3 visit pathway reduces travel and disruption
- High proportion of full-mouth rehabilitation helps restore:
 - Eating and nutrition
 - Speaking and social confidence
- Digital records support simple replacement or refinement if dentures are lost, damaged or need adjustment.

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How the Smilogy model works in practice

Clinical workflow

1. Referral / waitlist
 - Patients are identified and scheduled for Smilogy clinic days
 2. On-site clinic days
 - Smilogy's prosthetist runs clinics at existing health facilities
 - Patients are scanned and assessed on-site
 3. Digital design & manufacture
 - Dentures are designed digitally
 - Manufactured in Australia under consistent quality protocols
 4. Issue & review
 - Dentures are fitted at follow-up clinics
 - Adjustments and, where necessary, digital reprints are planned into subsequent visits
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Digital advantages for health services

1. No physical impressions to store or transport
2. Digital files can be reused for:
 - Remakes
 - Reprints after loss or damage
 - Future upgrades
3. Clear data reporting:
 - Patients treated
 - Dentures delivered
 - Visits per patient
 - Remake rates

This makes it easier for health services to **monitor performance and plan future clinics.**

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Benefits for Health Services & Patients

For Health Services

- Scalable model that can be deployed to multiple sites
- Efficient use of chair time – most patients complete care in 2–3 visits
- Data-backed reporting on activity and outcomes
- Australian manufacture and standardised workflows
- Ability to target long-wait denture lists in regional and remote areas

For Patients

- Fewer visits, less travel
- Modern digital process – no messy impressions
- Access to high-quality dentures in local facilities
- Option for rapid remakes if dentures are lost, broken or need refinement

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Partnering with Smilology Public Health

Smilology Public Health works with health services to design a model that fits **local needs and capacity**.

Possible partnership options include:

- **Block clinics** – intensive clinic blocks to rapidly reduce denture waiting lists
- **Regular outreach rotations** – scheduled visits across multiple locations (e.g. monthly or quarterly)
- **Integrated Aboriginal health programs** – community-controlled partnerships using the same digital platform
- **Joint reporting** – shared data on activity and outcomes for internal and external reporting

What we provide

- Experienced prosthetists and clinical leadership
- Digital scanning and clinical protocols
- Australian-based denture manufacture
- Data and reporting to support planning and evaluation

What we need from partners

- Clinic space within existing facilities
- Local coordination (bookings, transport and follow-up support)
- Clear referral pathways and eligibility criteria



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Next steps & contact

Smilology Public Health can work with your service to:

- Review current denture waiting lists
- Identify priority locations and populations
- Plan a staged rollout of digital denture clinics
- Provide outcome reporting to support ongoing funding and expansion

Contact:

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