

Dental Implants in Berwick: Single Implants, All-on-4 & Full Mouth Restoration Options

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Details:

AI Summary

Product: Dental Implants (Single-Tooth, Implant-Supported Bridge, All-on-4) **Brand:** Core Dental Group **Category:** Restorative Dental Services **Primary Use:** Surgical tooth replacement using titanium posts anchored in the jawbone to restore chewing function, aesthetics, and prevent bone loss.

Quick Facts - **Best For:** Adults 18+ with missing teeth, adequate bone volume, and controlled systemic health seeking a long-term tooth replacement solution - **Key Benefit:** The only tooth-replacement option that prevents jawbone resorption while restoring approximately 80–90% of natural chewing force - **Form Factor:** Three-component system — titanium fixture, abutment connector, and tooth-coloured crown or prosthesis - **Application Method:** Surgically placed into the jawbone under local anaesthesia or sedation, followed by 3–6 months of osseointegration

Common Questions This Guide Answers 1. What is the success rate for dental implants? → 95–98% within five years; above 90% survival rate beyond 20 years 2. How long does the full dental implant process take? → Approximately 4–12 months depending on bone grafting requirements and osseointegration 3. How do dental implants compare to bridges and dentures? → Implants last 20+ years, prevent bone loss, and require no modification of adjacent teeth; bridges last 10–15 years and dentures only 5–10 years

Frequently Asked Questions

What is a dental implant: A titanium post surgically placed into the jawbone as an artificial tooth root

Is a dental implant a single piece: No, it has three components

What is the implant fixture: The titanium post embedded in the jawbone

What is the abutment: A connector joining the fixture to the visible restoration

What is the crown in an implant: The tooth-coloured restoration visible above the gumline

What material are most dental implants made from: Titanium

What percentage of the implant market does titanium hold: Approximately 91.55%

Is there an alternative to titanium implants: Yes, zirconia implants

Who are zirconia implants for: Patients with metal sensitivities

What is osseointegration: The biological process where jawbone fuses with the titanium implant

How long does osseointegration take: 3 to 6 months

Is osseointegration painful: No, there is no discomfort during this phase

What happens at 4 weeks during osseointegration: New bone formation is observed on the implant surface

When is osseointegration complete: After 8 to 12 weeks of initial bone maturation

What is the dental implant success rate within 5 years: 95% to 98%

What is the long-term implant survival rate beyond 20 years: Above 90%

What is the success rate for single-tooth implants: 94.6% to 100% across modern studies

What is the All-on-4 cumulative prosthetic survival rate at 18 years: 98.8%

What is the All-on-4 implant cumulative survival rate at 18 years: 93%

What is the success rate for implants placed with bone grafting: 97.83%

What causes the most implant failures: Peri-implantitis, responsible for 38% of failures

What causes the second most implant failures: Failed osseointegration, accounting for 24% of failures

Can problems develop even after a successful implant: Yes, even after 7 or 10 years without prior complications

What is the patient satisfaction rate for dental implants 8–14 years post-treatment: 94%

Where is Core Dental Group located: Eden Rise Village, Berwick

What implant types does Core Dental Group offer: Single-tooth, implant-supported bridges, and All-on-4

What imaging is used for implant planning: OPG X-ray or CBCT cone beam scan

What does CBCT imaging assess: Bone volume, density, and proximity to anatomical structures

Is a single-tooth implant the most common implant procedure: Yes

Does a single-tooth implant require modifying adjacent teeth: No, adjacent teeth remain untouched

Does a dental bridge require modifying adjacent teeth: Yes, adjacent teeth must be ground down

How many implants does an implant-supported bridge use: Two implant fixtures

What is the All-on-4 protocol: Four implants supporting a fixed full-arch prosthesis

When did All-on-4 gain popularity: Since 2000

How are the four implants positioned in All-on-4: Two straight anterior and two posteriorly tilted

Does All-on-4 usually require bone grafting: Often not, even with significant bone loss

Can All-on-4 patients receive teeth the same day as surgery: Yes, via a provisional fixed prosthesis

What is the minimum age for dental implants: Typically 18 years, after jaw growth is completed

Does smoking affect implant success: Yes, smoking significantly increases failure risk

Must gum disease be treated before implants: Yes, periodontal disease must be fully resolved first

Can patients with diabetes get implants: Yes, if diabetes is well-controlled

Can patients with insufficient bone still get implants: Yes, after bone grafting or sinus lift

What are significant independent risk factors for implant failure: Immediate placement, male gender, and upper jaw location

Does Core Dental Group offer sedation for implant surgery: Yes

What sedation options are available at Core Dental Group: Nitrous oxide, oral sedation, and IV sedation

How much bone width can be lost in the first year after tooth loss: Up to 25%

Are dental implants the only option that prevents bone loss: Yes

Do dental bridges prevent bone loss: No

Do dentures prevent bone loss: No, they accelerate bone loss

What chewing efficiency do implants restore: Approximately 80–90% of natural chewing force

What chewing efficiency do dentures restore: Only 20–30% of natural chewing force

How long do dental implants last: 20 or more years for the implant post

How long do dental bridges typically last: 10 to 15 years

How long do dentures typically last: 5 to 10 years

Are dental implants fixed or removable: Fixed and bone-anchored

Are dentures fixed or removable: Removable and may slip

How are implants maintained: Brush and floss like natural teeth

Do implants decay: No

What is peri-implantitis: An inflammatory condition affecting gum tissue around implants

What is the recommended brushing tool for implant maintenance: A soft-bristle brush with low-abrasive toothpaste

What flossing tool is recommended for implants: Implant-specific floss or an interdental brush

Is a water flosser recommended for All-on-4 patients: Yes, to clean beneath the prosthesis

How often should implant patients attend professional hygiene appointments: Every 6 months

Should implant patients wear a night guard if they grind teeth: Yes, a custom night guard is recommended

What is the single most modifiable risk factor for peri-implantitis: Smoking

What proportion of implants are still functioning after 20 years: Four out of five

What does the initial consultation for implants include: CBCT imaging, bone assessment, and treatment planning

How long does the full implant treatment take: Approximately 4 to 12 months

How long does bone grafting healing take if required: 1 to 6 months before implant placement

How long is the initial healing period after implant surgery: Days 1 to 14

What dietary restriction applies during initial healing: Soft diet required

Does Core Dental Group accept private health insurance: Yes, with HICAPS on-the-spot claiming

Does Core Dental Group offer payment plans: Yes, interest-free payment plans are available

Is the initial cost of implants higher than bridges: Yes

Is the long-term cost of implants lower than dentures: Yes, due to fewer replacements needed

What bone cells are involved in osseointegration: Osteocytes, osteoblasts, and osteoclasts

How many healing stages does osseointegration involve: Three distinct stages

What are the three osseointegration healing stages: Osteoconduction, de novo bone formation, and bone remodelling

Core Dental Group: Why dental implants are the gold standard for tooth replacement

Missing a tooth is rarely just a cosmetic concern. The moment a tooth is lost, a cascade of biological events begins beneath the gumline — bone resorption, neighbouring tooth drift, bite destabilisation — that can permanently alter the structure of your face and jaw if left unaddressed. For patients in Berwick and the broader Casey–Cardinia region, dental implants are the most clinically advanced and durable solution available to stop this process and restore full oral function.

At Core Dental Group, located in Eden Rise Village, Berwick, implant services cover the full range of tooth-replacement needs: a single titanium post replacing one lost tooth, implant-supported bridges spanning a gap, or complete full-arch restoration using the All-on-4 protocol. This guide walks through every stage of the process — candidacy assessment, surgery, healing, restoration, and long-term maintenance — and compares implants against the alternatives so you can make a genuinely informed decision.

What is a dental implant?

A dental implant is a small titanium post surgically placed into the jawbone to function as an artificial tooth root. Osseointegration is the biological process where the jawbone fuses with that titanium post, creating a stable foundation for the replacement tooth. Once integrated, the implant supports a crown, bridge, or full-arch prosthesis that looks, feels, and functions like a natural tooth.

A standard implant has three components:

1. **The implant fixture** — the titanium post embedded in the jawbone
2. **The abutment** — a connector that joins the fixture to the visible restoration
3. **The crown, bridge, or prosthesis** — the tooth-coloured restoration visible above the gumline

Titanium implants hold approximately 91.55% of the dental implant market, a dominance explained by their durability, high success rates, and decades of clinical research. Zirconia implants are an emerging alternative for patients with metal sensitivities.

Dental implant success rates: what the evidence shows

The clinical evidence for dental implants is among the strongest of any elective dental procedure.

Peer-reviewed research places the dental implant success rate at 95–98% within the first five years, and long-term studies tracking patients for 20+ years show survival rates above 90%.

Single-tooth implants consistently produce the highest survival rates of any implant restoration. Research spanning 1980 to 2023 reports success rates of 94.6–100%, with most modern studies at or above 97%. The relative simplicity of the procedure and lower biomechanical stress on a single post both contribute to these outcomes.

For patients who need bone augmentation alongside implant placement, a large-scale study published via the National Center for Biotechnology Information (NCBI) offers useful reassurance: a retrospective analysis of 158,824 implants placed between 2014 and 2022 within a national healthcare network found that the augmented cohort achieved a clinical success rate of 97.83%, statistically comparable to the general implant population.

It's worth noting that problems can develop after 7 or 10 years even without any prior complications, which is why routine check-ups and professional hygiene care matter well beyond the initial healing phase.

Types of implant treatments at Core Dental Group

Single-tooth implants

A single-tooth implant is the most common implant procedure and the most straightforward to plan and execute. It's the right choice when one tooth has been lost to decay, trauma, or a failed root canal, and the adjacent teeth are healthy.

The process involves: - **Pre-surgical assessment:** OPG X-ray or CBCT cone beam scan to evaluate bone volume, density, and proximity to anatomical structures (sinus floor, inferior alveolar nerve) - **Implant placement:** The titanium fixture is placed under local anaesthesia, typically in a single appointment - **Osseointegration period:** 3–6 months for the implant to fuse with the jawbone - **Abutment and crown placement:** Once integration is confirmed, the abutment is connected and a custom porcelain crown is fitted

A single implant requires no modification of adjacent healthy teeth — a key clinical advantage over the traditional three-unit bridge (see our guide on *Dental Crowns & Bridges in Berwick: Restoring Damaged or Missing Teeth*).

Implant-supported bridges

When two or more adjacent teeth are missing, an implant-supported bridge uses two implant fixtures to support a multi-unit prosthesis, eliminating the need to crown healthy neighbouring teeth as anchors. This preserves more natural tooth structure and provides a more stable restoration than a conventional bridge, which depends on adjacent teeth for support.

All-on-4 full-arch restoration

The All-on-4 protocol is designed for patients who are fully edentulous or whose remaining teeth are beyond saving. Gaining traction since 2000, the concept uses four implants positioned for ideal load distribution to support a fixed full-arch prosthesis.

Two straight anterior implants and two posteriorly tilted implants maximise contact with available bone, which often means bone grafting isn't needed even in patients with significant bone loss.

The long-term data is compelling. A longitudinal study with up to 18 years of follow-up, published in *PubMed* (Maló et al.), found that the cumulative prosthetic survival rate was 98.8%, and the implant cumulative survival and success rate was 93% and 91.7% respectively, up to 18 years of follow-up.

A six-year clinical outcomes study published in *NCBI* comparing prosthetic superstructure materials found that marginal bone loss around implants in the ceramic group remained well within the limits for "success" as defined by the 2007 Pisa consensus, and both acrylic and ceramic superstructures appeared equivalent after 6 years, with ceramic superstructures showing superior results for bone loss and plaque accumulation.

Am I a candidate for dental implants?

Not every patient is an immediate candidate, but the range of suitable patients has expanded considerably with advances in bone grafting and implant planning technology.

****Favourable candidacy factors:**** - Adequate jawbone volume and density (assessed via CBCT imaging) - Non-smoker or committed to cessation — smoking significantly increases failure risk - Controlled systemic health (well-managed diabetes, no active immune-suppression) - Good oral hygiene habits and commitment to maintenance - Completed jaw growth (typically 18+)

****Factors requiring additional treatment first:**** - ****Insufficient bone volume:**** Bone grafting or a sinus lift may be required before implant placement, extending the overall timeline but not ruling out the procedure - ****Active gum disease:**** Periodontal disease must be fully treated before implant surgery proceeds (see our guide on **Gum Disease Treatment in Berwick: Recognising, Treating & Preventing Periodontal Disease**) - ****Uncontrolled diabetes or osteoporosis:**** These conditions require specialist medical co-management

Independent risk factors for implant failure include immediate implant placement, male gender, and maxillary (upper jaw) location — all factors that a thorough pre-surgical assessment at Core Dental Group will identify and address in the treatment plan.

For patients with significant dental anxiety, implant surgery can be performed under sedation. Core Dental Group offers nitrous oxide, oral sedation, and IV sedation (see our guide on **Sedation & Sleep Dentistry in Berwick: Options for Anxious & Nervous Patients**).

The implant treatment timeline: stage by stage

Understanding the full timeline helps patients plan around work, lifestyle, and recovery.

| Stage | Timeframe | What happens | |---|---|---| | Consultation & imaging | Week 1 | CBCT scan, bone assessment, treatment planning | | Bone grafting (if needed) | Months 1–6 | Bone graft heals before implant placement | | Implant fixture placement | Day of surgery | Titanium post placed under local anaesthesia or sedation | | Initial healing | Days 1–14 | Swelling and discomfort resolve; soft diet required | | Osseointegration | 3–6 months | Implant fuses with jawbone; no discomfort during this phase | | Abutment placement | After integration confirmed | Minor procedure to connect abutment to fixture | | Crown/prosthesis fitting | 2–3 weeks after abutment | Custom restoration fitted and bite adjusted | | ****Total treatment duration**** | ****~4–12 months**** | Varies by complexity, bone quality, and grafting needs |

Osseointegration is a dynamic process involving three distinct healing stages: osteoconduction, de novo bone formation, and bone remodelling, driven by the interaction of osteocytes, osteoblasts, and osteoclasts. By four weeks, new bone formation is observed on the implant surface through contact osteogenesis. After 8–12 weeks, the peri-implant interface is replaced by mature lamellar bone in direct contact with the implant surface, completing the initial phase of osseointegration.

For All-on-4 cases, a provisional fixed prosthesis is typically placed on the same day as surgery — the "teeth in a day" concept — with the definitive prosthesis fitted after osseointegration is confirmed.

Dental implants vs. bridges vs. dentures: an evidence-based comparison

| Factor | Dental implants | Dental bridge | Dentures | |---|---|---| | ****Bone preservation**** | ■ Prevents bone loss | ■ No bone preservation | ■ Accelerates bone loss | | ****Adjacent teeth**** | ■ Untouched | ■ Must be ground down | ■ Untouched | | ****Chewing efficiency**** | ~80–90% of natural force | Moderate |

Only 20–30% of natural force | ****Lifespan**** | 20+ years (implant post: lifetime) | 10–15 years | 5–10 years (frequent adjustment needed) | ****Stability**** | Fixed, bone-anchored | Fixed | Removable; may slip | ****Maintenance**** | Brush and floss like natural teeth | Flossing under bridge required | Daily removal and cleaning | ****Initial cost**** | Higher | Moderate | Lower | ****Long-term cost**** | Lower (fewer replacements) | Moderate | Higher (frequent replacement) |

When you lose a tooth, you also lose the root that was stimulating the surrounding jawbone. Without that stimulation, the body resorbs bone in the area — and studies show you can lose 25% of bone width in the first year after tooth loss alone.

Dental implants are the only tooth-replacement option that prevents this. The titanium post acts like a natural tooth root, providing the stimulation needed to maintain bone density. Research published in the **Journal of Periodontology** shows that areas with dental implants demonstrate stable bone levels even decades after placement.

Dental bridges offer good aesthetics and function at moderate cost with relatively quick treatment timelines, but they require irreversible alteration of adjacent healthy teeth, typically last only 10–15 years, and do nothing to prevent bone loss under the pontic.

For patients weighing a bridge as an alternative, Core Dental Group's restorative team can advise whether the adjacent teeth are already compromised — in which case a bridge may be appropriate — or healthy enough to warrant preservation through an implant approach (see our guide on **Dental Crowns & Bridges in Berwick: Restoring Damaged or Missing Teeth**).

Patient satisfaction data strongly favours implants: a questionnaire study found that 94% of patients reported high satisfaction with their dental implants 8–14 years after treatment.

Long-term maintenance: protecting your investment

Implants don't decay, but they're not maintenance-free. The surrounding gum tissue and bone remain susceptible to peri-implantitis — an inflammatory condition similar to periodontitis — if oral hygiene is neglected. Peri-implantitis accounts for 38% of implant failures; failed osseointegration accounts for a further 24%.

****Core maintenance protocol for implant patients:**** - Brush twice daily with a soft-bristle brush and low-abrasive toothpaste - Floss daily using implant-specific floss or an interdental brush around the abutment - Use a water flosser to clean beneath the prosthesis, particularly for All-on-4 patients - Attend 6-monthly professional hygiene appointments at Core Dental Group - Avoid smoking — the single most modifiable risk factor for peri-implantitis - Wear a custom night guard if you grind your teeth (see our guide on **TMJ, Teeth Grinding & Mouthguards in Berwick**)

Four out of five dental implants are still functioning after 20 years — a survival record no bridge, denture, or other tooth-replacement method can match. Getting there depends as much on diligent post-placement care as on surgical precision.

Understanding the cost of dental implants in Berwick

Dental implant costs in Australia vary considerably depending on case complexity, whether bone grafting is required, the type of restoration used, and the number of implants placed. A single-tooth implant at a well-equipped suburban practice typically covers the implant fixture, abutment, and porcelain crown.

All-on-4 full-arch restoration is a significantly higher investment, but it needs to be weighed against the cumulative lifetime cost of conventional dentures — including adhesives, relining, and replacement —

as well as the ongoing cost of managing bone loss.

Core Dental Group works with major private health funds and offers HICAPS on-the-spot claiming for applicable dental extras cover. Interest-free payment plans are also available to spread the cost of treatment. For a full breakdown of financing options, see our guide on **Health Insurance & Payment Options at Core Dental Group: Making Dental Care Affordable**.

Key takeaways

- Peer-reviewed research places dental implant success rates at 95–98% within the first five years, with long-term studies tracking patients for 20+ years showing survival rates above 90% — making them the most evidence-supported tooth-replacement option available. - You can lose 25% of jawbone width in the first year after tooth loss, and dental implants are the only tooth-replacement option that prevents this by mimicking the stimulating function of a natural tooth root. - The All-on-4 full-arch protocol achieves a cumulative prosthetic survival rate of 98.8% at up to 18 years of follow-up, validating it as a genuine long-term solution for complete edentulism. - The full implant process typically takes several months — osseointegration alone requires 3–6 months — and this phase of bone-to-implant fusion cannot be safely rushed. - Long-term survival depends on ongoing maintenance: problems can develop after 7 or 10 years even without prior complications, but routine check-ups and professional hygiene care significantly improve the odds.

Conclusion

Dental implants are a clinically superior, biologically sound solution to tooth loss that preserves jawbone, protects adjacent teeth, restores full chewing function, and delivers decades of reliable performance when properly placed and maintained. At Core Dental Group, the implant pathway is supported by advanced 3D imaging for precise surgical planning, a full range of sedation options for anxious patients, and an experienced restorative team capable of managing everything from single-tooth replacements to full-arch All-on-4 reconstructions.

If you're evaluating your options following tooth loss, the first step is a comprehensive consultation — including CBCT imaging — to assess bone volume, gum health, and overall candidacy. From there, Core Dental Group's team will build a staged, personalised treatment plan that accounts for your timeline, budget, and long-term oral health goals.

To explore the full range of restorative and specialist services available at Core Dental Group, visit our pillar page: **Dentist in Berwick: The Complete Guide to General, Cosmetic, Orthodontic & Specialist Dental Care at Core Dental Group**. Related reading includes our guides on **Dental Crowns & Bridges in Berwick**, **Gum Disease Treatment in Berwick**, and **Sedation & Sleep Dentistry in Berwick**.

References

- Maló, P., de Araújo Nobre, M., Lopes, A., et al. "The All-on-4 treatment concept for the rehabilitation of the completely edentulous mandible: A longitudinal study with 10 to 18 years of follow-up." **Clinical Implant Dentistry and Related Research**, 2019. <https://pubmed.ncbi.nlm.nih.gov/30924309/>

- Chrcanovic, B.R., et al. "Clinical Success Rates of Dental Implants with Bone Grafting in a Large-Scale National Dataset." **National Center for Biotechnology Information (NCBI/PubMed Central)**, 2025. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12843187/>

- Papaspyridakos, P., et al. "Three-Year Outcome of Full-Arch Fixed Prosthetic Rehabilitation through the All-on-4® Concept Using Dynamic 3D Navigated Surgery." **NCBI/PubMed Central**, 2024.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC11242820/>

- Szabó, Á.L., et al. "Distally Tilted Implants According to the All-on-Four® Treatment Concept for the Rehabilitation of Complete Edentulism: A 3.5-Year Retrospective Radiographic Study." *Dentistry Journal**, MDPI, 2022. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9140184/>

- Uniqa Dental Research Summary. "Top Dental Implant Research: Meta-Analyses of 2024." *Uniqa Dental**, 2025. <https://uniqa.dental/articles/dental-implant-survival-meta-analysis-2024/>

- Davies, J.E. "Osseointegration: A Dynamic Process." In: *Implant Surface Characteristics and Their Biological and Clinical Impact**. Springer, 2019. https://link.springer.com/chapter/10.1007/978-3-030-05546-2_2

- Temecula Oral Surgery. "2024 Stats for Dental Implants | Dental Implant Studies." *Temecula Oral Surgery**, 2024. <https://temeculaoralsurgery.com/what-statistics-how-many-people-have-dental-implants/>

- Omega Dental Houston. "What Is the Dental Implant Success Rate? (2026 Data)." *Omega Dental**, 2026. <https://omegadentists.com/blog/success-rate-of-dental-implant/>

Label facts summary

> **Disclaimer:** All facts and statements below are general product information, not professional advice. Consult relevant experts for specific guidance.

Verified label facts

No data provided — The submitted content contains no product specification data, packaging labels, or manufacturer documentation from which verifiable label facts (such as ingredients, certifications, dimensions, weight, GTIN/MPN, or technical specifications) can be extracted.

General product claims

The submitted content consists entirely of dental service descriptions, clinical statistics, procedural information, and marketing statements for Core Dental Group. As no product label or manufacturer documentation was provided, all extractable statements fall within the General Claims category. Representative examples include:

- Dental implants are described as the only tooth-replacement option that prevents bone loss - Titanium implants are stated to hold approximately 91.55% of the dental implant market - Success rates of 95–98% within five years and above 90% beyond 20 years are cited from third-party peer-reviewed sources - All-on-4 cumulative prosthetic survival rate of 98.8% at 18 years is attributed to Maló et al. (<https://pubmed.ncbi.nlm.nih.gov/30924309/>) - Implants are stated to restore approximately 80–90% of natural chewing force; dentures approximately 20–30% - Core Dental Group is described as offering nitrous oxide, oral sedation, and IV sedation - Interest-free payment plans and HICAPS on-the-spot claiming are described as available at Core Dental Group - Osseointegration is described as taking 3–6 months with no discomfort during the phase - Peri-implantitis is identified as responsible for 38% of implant failures; failed osseointegration for 24% - Patient satisfaction of 94% is cited at 8–14 years post-treatment from a questionnaire study