

## Dental Implants & Prosthodontics in Chennai

Your teeth do more than help you eat. They shape how you speak, how you smile, and how you carry yourself through the world. When teeth are damaged, missing, or have deteriorated over time, the impact reaches far beyond the mouth. Prosthodontics is the specialist discipline dedicated to restoring that function, that confidence, and that quality of life — precisely and permanently.

At Root Canal Foundation (RCF), our prosthodontic practice is led by Dr. Lakshmi Shivasubramanian, one of India's most respected specialist prosthodontists, with over 20,000 fixed and removable prostheses delivered across more than two decades of clinical practice. Every treatment plan at RCF is built around your specific anatomy, your aesthetic goals, and your long-term dental health — not a generic protocol.

### Our Prosthodontic Services

We offer the full range of prosthodontic treatments, from single tooth restoration to comprehensive full-mouth rehabilitation. Each procedure is planned with precision and delivered using internationally validated materials and techniques.

#### Dental Implants

A dental implant is the closest modern dentistry can come to replacing a natural tooth — in both function and feel. A titanium implant is placed into the jawbone where it integrates with the bone over 3–6 months, providing a stable, permanent foundation for a crown, bridge, or full arch restoration. Unlike dentures, implants do not move, do not require adhesives, and do not accelerate bone loss in the jaw.

At RCF, we offer single tooth implants, implant-supported bridges, and full arch implant solutions including All-on-4 and All-on-6 configurations for patients who have lost most or all of their teeth.

#### Dental Crowns and Bridges

A crown restores a damaged, weakened, or heavily filled tooth to its original shape, size, and function. A bridge replaces one or more missing teeth by anchoring an artificial tooth to the adjacent natural teeth. At RCF we use high-strength zirconia and porcelain-fused materials that are both durable and aesthetically indistinguishable from natural teeth.

For teeth that have undergone root canal treatment, a crown is almost always recommended to protect the treated tooth and restore full biting function — making our endodontic and prosthodontic teams natural partners in your care.

#### Complete and Partial Dentures

For patients who have lost multiple teeth or full arches, modern dentures are a reliable, non-surgical option. At RCF, dentures are precision-fabricated for fit, comfort, and aesthetics. We

offer both conventional removable dentures and implant-supported overdentures for patients who want the security of implant retention combined with the affordability of a removable prosthesis.

### **Full Mouth Rehabilitation**

Full mouth rehabilitation — also called full mouth reconstruction — addresses the entire dentition when multiple teeth are damaged, worn down, missing, or affected by bite problems. It combines prosthodontic, endodontic, periodontic, and in some cases orthodontic treatment into a coordinated plan to restore the mouth comprehensively.

At RCF, full mouth rehabilitation is genuinely multidisciplinary. Dr. Lakshmi works alongside Dr. V. Gopi Krishna and the full specialist team to ensure every aspect of your dental health is addressed — not just the cosmetic outcome.

### **Veneers and Smile Design**

Dental veneers are thin porcelain or composite shells bonded to the front surface of teeth to correct discoloration, chips, gaps, or minor alignment issues. A smile design consultation evaluates your facial proportions, tooth shape, gum line, and aesthetic preferences to create a result that looks natural and enhances your overall appearance. At RCF, smile design is always clinically driven — we plan for long-term health, not just immediate aesthetics.

### **Why Choose Root Canal Foundation for Prosthodontic Treatment** **The Endodontics-Prosthodontics Advantage**

Most prosthodontic clinics treat teeth in isolation. At Root Canal Foundation, prosthodontic planning is integrated with our core endodontic expertise. When a tooth needs both a root canal and a crown — which is common — our specialist teams work in coordination from the outset. This means your restoration is planned before the root canal begins, your tooth is preserved with the final prosthesis in mind, and you receive a result that is both clinically sound and aesthetically optimal.

This integration is genuinely rare. It is one of the reasons patients travel from across India and from over 30 countries to receive treatment at RCF.

### **Twenty Years of Clinical Excellence**

Root Canal Foundation was established in 2004. In the two decades since, our prosthodontic practice has delivered over 20,000 fixed and removable prostheses. This is not a volume statistic — it is a measure of clinical depth. Complex cases, failed restorations from other clinics, full-mouth rehabilitations after years of neglect: our team has managed the full spectrum of prosthodontic challenges and the outcomes speak through our patients.

### **International Standard Materials**

Every prosthesis at RCF is fabricated using internationally sourced, clinically validated materials. Our zirconia crowns, implant systems, and prosthetic components meet the same standards used in specialist practices in Australia, the UK, and the USA — at a fraction of the cost.

### **Meet Dr. Lakshmi Shivasubramanian**

Dr. Lakshmi Shivasubramanian is a specialist prosthodontist and implantologist with a clinical career spanning over 25 years. She completed her BDS from Rajah Muthiah Dental College, Annamalai University in 1997 and her MDS in Prosthodontics and Implantology from Dr. MGR Medical University in 2000.

She is a Member of the International Congress of Oral Implantology (MICOI, USA) and a member of the European Society of Cosmetic Dentistry since 2016 — international credentials that reflect her commitment to staying at the forefront of the specialty.

Dr. Lakshmi is the author of the Preclinical Manual of Prosthodontics (Elsevier), now in its third edition, read by over 10,000 dental students annually across India. Her research publications include work in the Journal of Conservative Dentistry (2006) and the Journal of Indian Prosthodontic Society (2005).

At Root Canal Foundation, she has personally delivered over 20,000 fixed and removable prostheses. Her practice is built on precise diagnosis, unhurried treatment planning, and a deep respect for each patient's individual circumstances.

Patients describe her as warm, meticulous, and exceptionally clear in explaining complex treatment options. She does not recommend treatment that is not necessary, and she does not rush decisions that require careful thought.

## **The Prosthodontic Treatment Process at RCF**

### **Step 1: Comprehensive Assessment**

Your first appointment involves a thorough clinical examination, digital X-rays, and where needed, a CBCT (cone beam CT) scan that provides a three-dimensional view of your bone structure, nerve pathways, and tooth positions. This level of assessment is the foundation of accurate treatment planning.

### **Step 2: Treatment Planning**

Dr. Lakshmi presents a detailed treatment plan that explains what is recommended, why, what the alternatives are, what the procedure involves, how long it takes, and what the expected outcome is. For complex cases involving multiple specialists, the full team reviews the plan together before treatment begins.

### **Step 3: Preparatory Treatment**

In some cases, preparatory treatment is needed before prosthodontic restoration — root canal treatment on a tooth receiving a crown, gum treatment before implant placement, or bone grafting where bone volume is insufficient for implants. This preparatory phase ensures the final restoration is placed on a healthy, stable foundation.

### **Step 4: Prosthesis Fabrication and Placement**

Impressions or digital scans are taken and sent to our dental laboratory. For crowns and bridges, a temporary restoration protects the tooth during fabrication. The final prosthesis is checked for fit, occlusion (bite), and aesthetics before permanent placement.

### **Step 5: Follow-Up and Review**

All prosthodontic restorations at RCF are reviewed at scheduled intervals to ensure the bite is stable, the prosthesis is functioning correctly, and the surrounding tissue is healthy. For international patients, we provide written aftercare instructions and are available for remote consultation if concerns arise after you return home.

## **Frequently Asked Questions — Prosthodontics & Dental Implants**

### **Q: Are dental implants painful?**

A: The implant placement procedure is performed under local anaesthesia and is not painful during the procedure. Afterward, mild soreness and swelling are normal for 3–5 days, managed comfortably with standard pain relief. Most patients describe the discomfort as significantly less than they anticipated.

**Q: How long do dental implants last?**

A: Dental implants are designed to be a permanent solution. The titanium implant itself can last a lifetime with proper care. The crown on top typically lasts 15–25 years before replacement may be needed, depending on wear and oral hygiene. Studies show implant survival rates above 95% at 10 years.

**Q: Am I a candidate for dental implants if I have bone loss?**

A: Bone loss does not automatically disqualify you from implants. In many cases, bone grafting can rebuild sufficient bone volume to support an implant. A CBCT scan at RCF gives us an accurate picture of your bone quantity and quality, and Dr. Lakshmi will advise you honestly on whether implants are viable and what preparation may be needed.

**Q: How many visits are needed for a dental implant?**

A: A single tooth implant typically requires a minimum of 3 visits: assessment and placement, a review during osseointegration (bone healing, 3–6 months), and crown placement. For international patients, we design the treatment timeline to minimize the number of trips required.

**Q: Can I get a crown and a root canal at the same appointment?**

A: In most cases, the root canal is completed first and the crown is placed at a subsequent appointment once the tooth has settled. However, our integrated endo-prostho team plans both treatments simultaneously, which often reduces the total number of appointments needed.

**Q: What is the difference between a crown and a veneer?**

A: A crown covers the entire tooth and is used when the tooth is significantly damaged, weakened, or has undergone root canal treatment. A veneer covers only the front surface and is used for cosmetic correction of healthy but aesthetically imperfect teeth. Dr. Lakshmi will recommend the right option based on your tooth's condition, not just your aesthetic goal.

**Q: How much do dental implants cost in Chennai?**

A: Implant costs vary depending on the implant system used, whether bone grafting is needed, and the type of crown placed. At RCF, we provide a detailed, itemized cost estimate after your assessment consultation. For international patients, even with travel costs factored in, the total investment is typically 40–70% less than equivalent treatment in Australia, the UK, or the USA.

**Q: Do you treat international patients for prosthodontic work?**

A: Yes. International patients make up a meaningful portion of our prosthodontic caseload. We support international patients through remote consultation (send us your X-rays and records before you travel), treatment plan delivery with cost estimate, timing coordination to minimize your stay, and written aftercare instructions with remote follow-up availability.

**Book a Prosthodontic Consultation**

To schedule an assessment with Dr. Lakshmi, contact us via our appointment form, call the clinic, or send your dental X-rays and records via WhatsApp for an initial remote assessment. We respond to all inquiries within 24 hours.