

Comprehensive Teeth Alignment Surgery Guide



Transforming Smiles: Everything You Need to Know About Surgery for Teeth Alignment

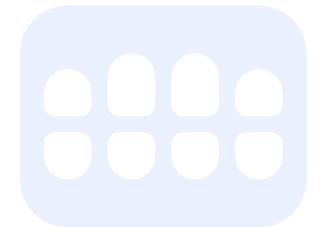


Arasu Dental Care

Coimbatore

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Introduction

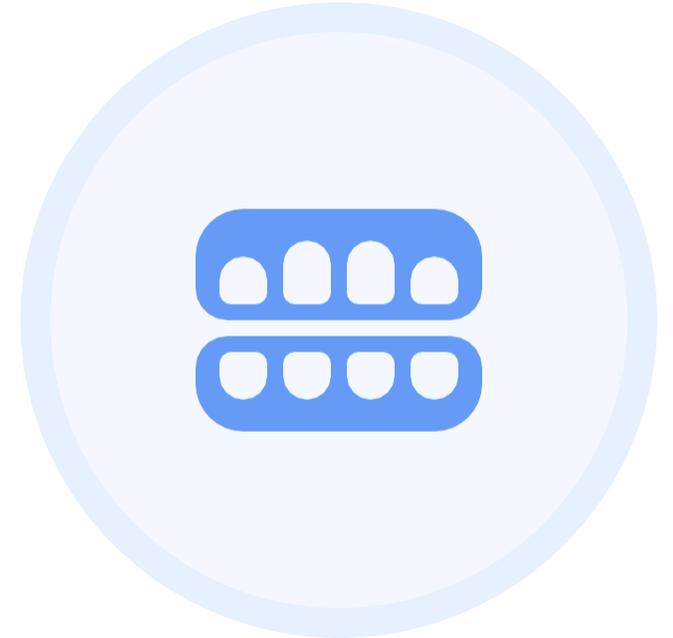
Welcome to our comprehensive guide on teeth alignment surgery. At Arasu Dental Care, we understand that a perfect smile is not just about aesthetics—it's about your overall health and confidence.

This guide provides detailed information on surgical approaches to teeth alignment that go beyond what traditional braces or aligners can achieve. From understanding different alignment issues to exploring surgical options, eligibility criteria, preparation steps, and recovery expectations, we've created a complete resource for patients considering this transformative procedure.

Our team of specialists in Coimbatore combines advanced technology with years of expertise to deliver personalized treatment plans that address your unique needs and goals.



Transform your smile, transform your life



Understanding Teeth Alignment

Teeth alignment means how your upper and lower teeth fit together when you bite.

- In a good alignment, the upper teeth slightly overlap the lower teeth, and the back teeth fit like puzzle pieces.

Common problems:

- Overbite: Upper teeth cover too much of the lower teeth.
- Underbite: Lower teeth stick out in front.
- Crowding: Teeth are too close together.
- Gaps: Spaces between teeth.

Why it matters:

- Helps you chew and speak properly
- Keeps teeth and gums healthy
- Makes your smile look better
- Fixes: Braces, clear aligners, or retainers.



Types of Teeth Alignment Procedures

Non-Surgical Options

Traditional Braces

Metal or ceramic brackets bonded to teeth, connected by wires

Clear Aligners

Removable transparent trays (Invisalign) that gradually shift teeth

Self-Ligating Braces

Modern brackets that don't require elastic ties

Surgical Options

Orthognathic Surgery

Corrects jaw positioning (maxillary/mandibular osteotomy)

Genioplasty

Chin reshaping to improve facial balance and profile

Surgical Tooth Extraction

Removal of teeth to create space for alignment



Treatment plans typically combine approaches based on individual needs and severity of misalignment

The Surgical Process

- **Pre-Surgical Assessment**
Comprehensive evaluation including X-rays, 3D imaging, and pre-surgical orthodontics (12-18 months of braces)
- **Surgery Under General Anesthesia**
Performed by oral & maxillofacial surgeons in hospital settings
- **Surgical Approach**
Incisions made inside mouth (no visible scarring), jaw bones cut and repositioned, secured with titanium plates and screws
- **Types of Surgery**
Upper jaw (maxillary osteotomy), lower jaw (mandibular osteotomy), double jaw, or chin surgery (genioplasty)
- **Hospital Stay & Initial Recovery**
1-2 days hospitalization; swelling, discomfort managed with medication and cold compresses
- **Post-Surgical Phase**
6-12 weeks healing; soft/liquid diet initially; return to orthodontist for final adjustments



Who is Eligible?

-  **Age Requirements:** Surgery is best performed after growth is complete. Typically ages 16-18+ for females and 18-21+ for males.
-  **Jaw Deformities:** Patients with skeletal discrepancies not correctable with braces or aligners alone.
-  **Functional Issues:** Those experiencing persistent malocclusions, TMJ disorders, difficulty chewing, or speech problems.
-  **Health Status:** Good overall health with no untreated dental disease. Non-smokers preferred or willingness to quit.
-  **Psychological Readiness:** Realistic expectations and understanding of the process, including recovery period and potential temporary discomfort.

Each patient is unique. A comprehensive evaluation by our specialists will determine if orthognathic surgery is right for you.



Pre-Operation Guidance & Preparation



Consultation & Planning

Schedule comprehensive consultations with both orthodontist and oral surgeon to discuss treatment plan, timeline, and expected outcomes.



Pre-Surgical Orthodontics

Undergo braces treatment for 12-18 months before surgery to position teeth properly for optimal surgical outcomes.



Dietary Preparation

Stock up on liquid and soft foods (soups, smoothies, yogurt) as you'll need a liquid diet for about a month following surgery.



Support Arrangements

Arrange transportation to and from surgery and ensure someone can stay with you during the first 24-48 hours of recovery.



Lifestyle Adjustments

Avoid smoking completely (both before and after surgery) and follow all pre-operative instructions regarding medications and fasting.



Pricing in Coimbatore

At Arasu Dental Care in Coimbatore, we offer competitive pricing for various teeth alignment procedures, with costs varying based on complexity, technology used, and treatment duration.

Invisalign/Clear Aligners

From ₹45,000

Premium transparent aligners with regular adjustments and follow-up appointments

Metal Braces

₹25,000 - ₹45,000

Traditional braces with high-quality materials and regular adjustments

Ceramic Braces

₹30,000 - ₹70,000

Less visible option with tooth-colored or clear materials

Orthognathic (Jaw) Surgery

₹1,50,000 - ₹2,50,000+

Complex surgical procedures including pre-surgical orthodontics, hospital fees, and post-surgical care



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Benefits of Teeth Alignment Surgery

Functional Benefits

 Improved biting and chewing functionality

 Enhanced speech and pronunciation

 Better oral health and reduced risk of tooth decay

 Relief from TMJ pain and jaw discomfort

 Improved breathing and potential sleep apnea relief

Aesthetic Benefits

 Enhanced facial symmetry and balanced profile

 Dramatically improved smile aesthetics

 Boosted self-confidence and self-esteem

 Long-lasting, stable results

 Overall improved quality of life

 Both functional and aesthetic benefits contribute to improved physical and psychological well-being after surgery

Technology and Techniques Used



3D Imaging Technology

CBCT (Cone Beam Computed Tomography) provides detailed 3D visualization of facial structures, allowing precise surgical planning with minimal radiation exposure.



Virtual Surgical Planning

Computer-guided simulation enables surgeons to virtually perform operations in advance, optimizing outcomes and reducing surgical time.



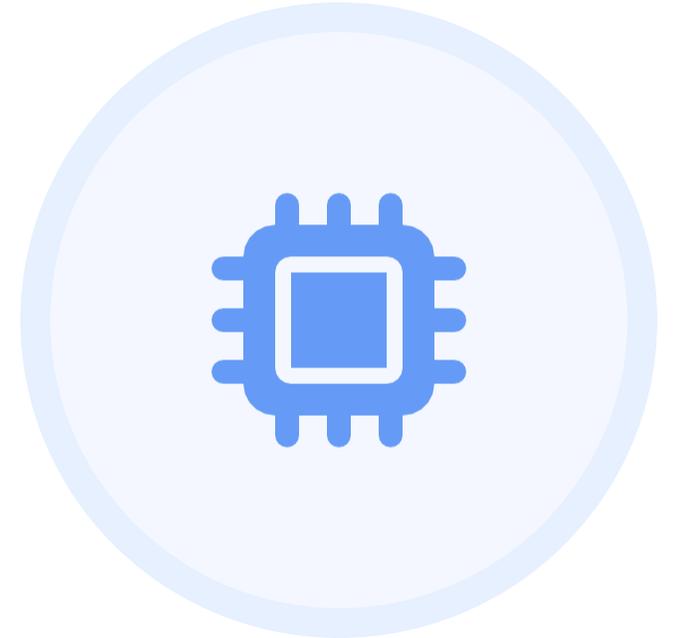
3D-Printed Surgical Guides

Custom-made surgical templates ensure precise bone cuts and repositioning during surgery, greatly improving accuracy and results.



Advanced Fixation Systems

Titanium plates and screws designed specifically for jaw surgery provide stable fixation with minimal profile and biocompatibility.



At Arasu Dental Care, we invest in the latest technology to ensure precision, safety, and optimal results for every procedure.

Frequently Asked Questions

How painful is teeth alignment surgery?

The procedure is performed under general anesthesia, so you won't feel pain during surgery. Post-surgery discomfort can be managed with prescribed medication and typically subsides within 1-2 weeks.

What is the recovery process like?

Initial recovery takes about 6 weeks. You'll follow a liquid/soft diet for 4-6 weeks, experience swelling for 1-2 weeks, and gradually return to normal activities in 2-3 weeks. Complete healing may take 3-6 months.

What are the risks and complications?

Potential risks include infection, bleeding, numbness, relapse, TMJ issues, and rarely, the need for additional surgery. Your surgeon will discuss all risks specific to your case during consultation.

Will the results be permanent?

When properly performed with appropriate post-surgical orthodontics and retention, results are typically permanent. Following your orthodontist's recommendations for retainer use is essential.

What foods can I eat after surgery?

Initially, only liquids like smoothies, broths, and protein shakes. After 2 weeks, you can progress to soft foods like mashed potatoes, yogurt, and scrambled eggs. Hard/crunchy foods should be avoided for 6-8 weeks.

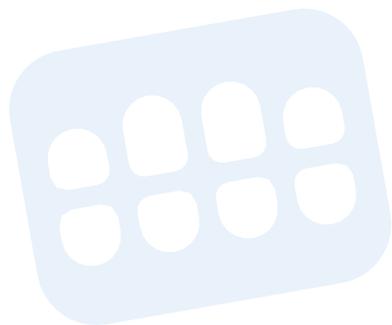
How do I know if I need surgery or just braces?

Your orthodontist will evaluate if your issues are primarily dental or skeletal. Surgery is typically needed when jaw structure problems are too severe for braces alone to correct.

Book Your Consultation



Ready to start your smile transformation journey? Our team of specialists at Arasu Dental Care is here to guide you through every step of the process.



+91 88380 22157



info@arasudentalcare.com



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