

• ROOT CANAL • CROWN GUIDE • KANPUR

Root Canal Ke Baad Crown Nahi Lagwaya?

Kanpur ke yeh 'Bachat Ka Jugaad' ek din chaat khate hue aapka daant phaad dega.

Post-RCT tooth ek **hollow shell** ban jaata hai — pulp removed, strength 40–60% kam. Crown ek upsell nahi, aapke saved tooth ka **protective armour** hai.

CROWN AAJ LAGWAYA	CROWN SKIP KIYA
₹5,000–9,000	₹25,000+
Zirconia crown • tooth 15–20 saal protected	6–18 mahine mein fracture → implant bill

Rakesh Ki Kahani — Swaroop Nagar CASE 01

- 45 saal ke business owner, Mall Road ke paas RCT karwaya — dentist ne bola "sir, next step crown".
- ₹4,000–7,000 crown ka quote sunn ke bola — "Diwali ke baad karwa lunga, daant dard nahi kar raha."
 - 6 mahine defer — beech mein sab normal lag raha tha.
 - Family wedding mein **crispy chaat** par bite — sudden **CRACK**, excruciating pain.
 - Friday morning diagnosis: **vertical root fracture** — crown margin se root apex tak. Tooth **100% unsalvageable**.
 - Result: extraction + **implant ₹20,000–30,000** ya bridge **₹15,000–20,000**. ₹4,000 ki decision → ₹25,000+ reconstruction.

The Numbers That Hurt DATA

6×	40–60%	10–20%	70–100 kg
Higher failure rate — uncrowned vs crowned within 4 months (<i>J. of Endodontics</i>)	Strength lost after RCT — pulp + access cavity removed	Extra brittleness — dehydrated dentin over time	Chewing force molars bear daily — thin walls can't disperse it

Crown Options in Kanpur COMPARE

CROWN TYPE	COST (KANPUR)	LIFESPAN	BEST FOR
PFM (metal + ceramic)	₹3,000–5,000	10–15 yrs	Budget molar fix; dark margin gums recede hone par dikhta hai
Zirconia (monolithic) ★	₹5,000–9,000	15–20+ yrs	BEST VALUE — ~1,200 MPa strength + looks; molars/premolars ke liye ideal
E-max (lithium disilicate)	₹8,000–14,000	10–15 yrs	Front teeth — maximum translucency & aesthetics
No crown (risk path)	₹0 abhi	—	VRF + re-infection + ₹25,000+ rescue later

60-Second Science: Hollow Shell Kaise Banta Hai WHY

- 🦷 **Pulp Removed**

Nerves + blood vessels + dentin shell — jo biting forces ko disperse karta tha — sab access cavity mein chala gaya.
- 💧 **Dentin Dehydrates**

Living fluid supply band → dentin 10–20% zyada brittle — **sukhi twig** jaisi, green branch nahi.
- 🔪 **Wedging Force**

Hard bite = wedge. Intact tooth force disperses; hollow tooth ke thin walls par microcracks → full VRF.
- ⚠️ **Molars = #1 Target**

Posterior teeth 70–100 kg chewing force endure karte hain — RCT ke baad crown ke bina sabse pehle toot-te hain.

Cost Reality: Aaj Ka 'Bachat' vs Kal Ka Bill ₹ MATHS

SCENARIO A — CROWN AAJ LAGWAYA	SCENARIO B — CROWN SKIP, 6–18 MO. MEIN FRACTURE
Root canal (all sittings) ₹4,000–8,000	RCT (already paid) ₹4,000–8,000
Zirconia crown ₹5,000–9,000	Emergency extraction ₹1,500–3,000
TOTAL INVESTMENT ₹9,000–17,000	Implant + crown (ya bridge ₹15–22k) ₹20,000–30,000
Tooth 15–20 saal tak normally kaam karta hai. Ek baar ka kharcha.	TOTAL RESCUE ₹21,500–41,000
	2–6 months treatment + multiple surgeries + permanent hardware.

5 Consequences of Skipping the Crown DANGER

- Vertical Root Fracture (VRF)** — tooth chewing surface se seedha root mein split. Bone level tak pahunchi VRF = **100% unsalvageable**. Sirf extraction.
- Re-infection (Coronal Leakage)** — saliva/bacteria temporary filling mein seep. Retreat **₹6,000–10,000** ya apicoectomy **₹7,000–12,000** — phir bhi crown chahiye.
- Tooth Structure Collapse** — cusp fracture occlusion destabilize karta hai → adjacent teeth shift, bite misalignment, gum pocketing.
- Bone Loss + Drift** — tooth lost = jawbone **25% width** pehle saal mein resorb; future implant placement complicated.
- Emergency Pain & Anxiety** — fracture nerve endings expose → intense sensitivity, gum/facial swelling, emergency visits.

Perfect Timeline — Crown Kab Lagwayein? TIMING

WEEK 1 RCT complete + periapical tissue settle; core build-up promptly.	WEEK 2–4 • OPTIMAL Prep + digital scan, temp crown; final crown 3–7 din mein (CAD/CAM milling).	MONTH 2–4 Ab bhi OK — risk significantly reduced vs kabhi na lagwane se.	BEYOND 4 MONTHS Risk escalates sharply — uncrowned posterior teeth 6x fracture risk.
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5-Step Action Checklist ACTION

- ✓ Apne RCT ke **4 weeks ke andar** crown consultation book karein — window miss mat karein
- ✓ **PFM, Zirconia, E-max** teeno ka clear price breakdown maangein
- ✓ Crown fabrication **MDS prosthodontist** se karwayein — fit precision matters
- ✓ **Digital scanning + CAD/CAM** same-day delivery confirm karein
- ✓ Working professional? **Sunday slot (11AM–4PM)** — leave ke bina crown complete

"The cheapest crown is the one you get on time. The most expensive dental treatment is the one you need because you waited."

— Dr. Apurva Chaturvedi, MDS Maxillofacial Prosthodontist & Implantologist

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TIMINGS
Tue–Sat: 11AM–3PM & 5PM–9PM | Sun: 11AM–4PM | Mon: Closed

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Our MDS Specialists: Dr. Apurva Chaturvedi — MDS, Maxillofacial Prosthodontist & Implantologist | Dr. (Mrs.) Priyanka Chaturvedi — MDS, Endodontist & Aesthetic Dentist