

RESEARCH REVIEW • 6 JUNE 2026

Frontiers of Dental Research

The week in dental science, graded for what it actually proves — from the lab bench to the chairside, every claim cited and weighed.

12

FIELDS REVIEWED

150+

STUDIES SCANNED

7

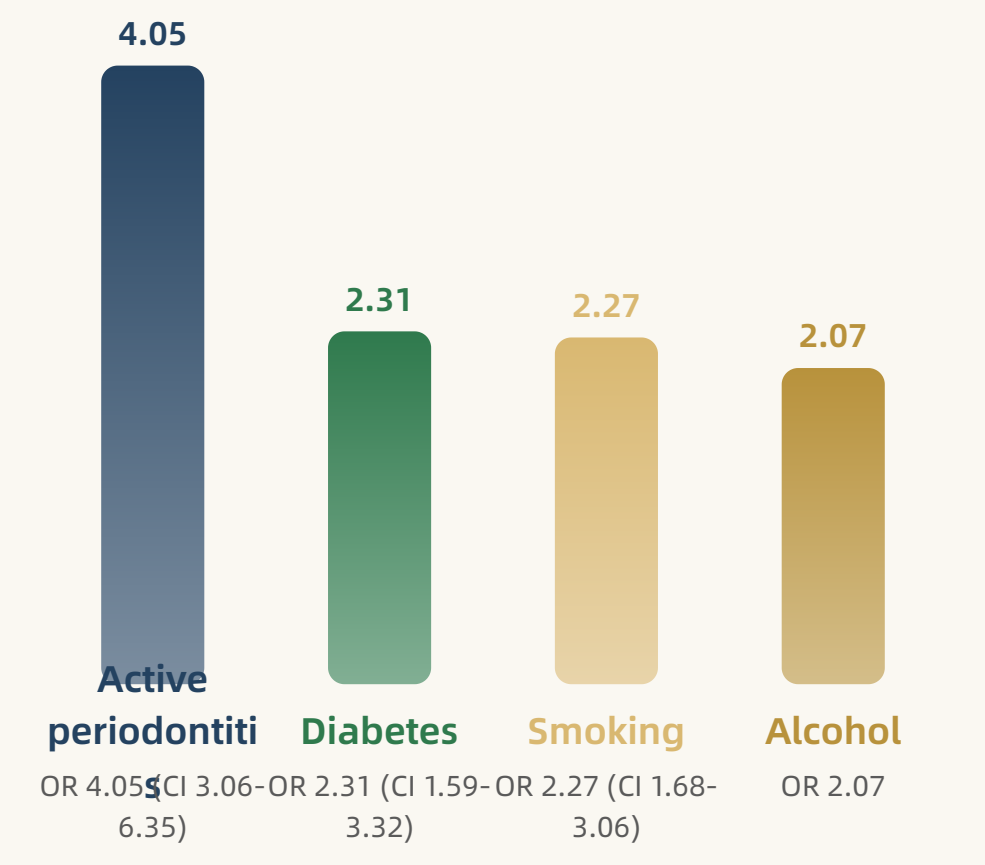
CLAIMS FACT-CHECKED



01

Periodontology

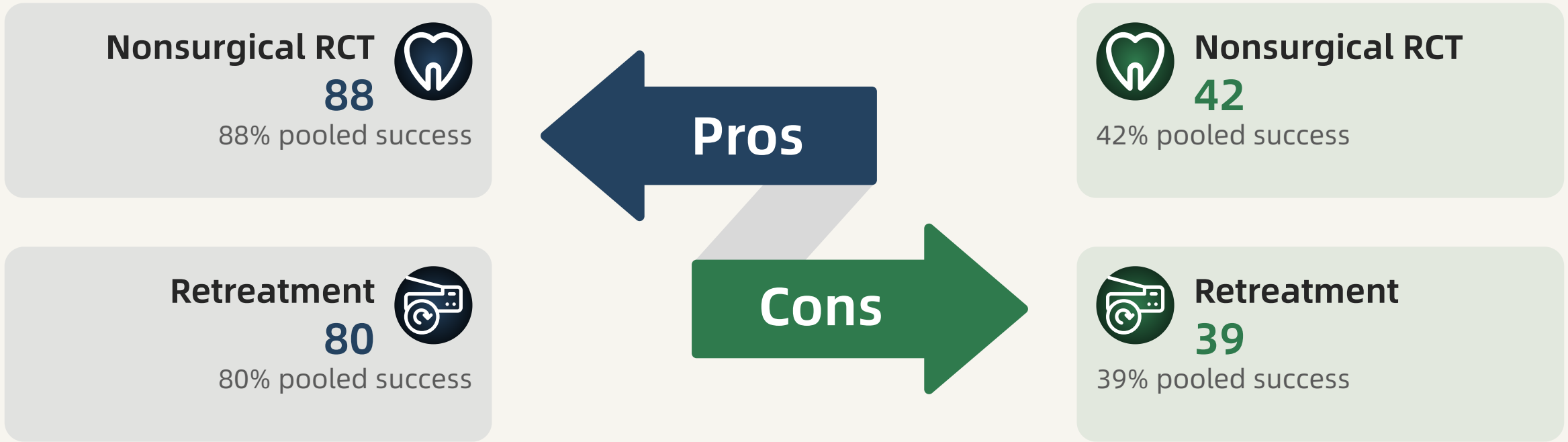
Peri-implant disease, host modulation, and where regeneration evidence actually holds



02

Endodontics

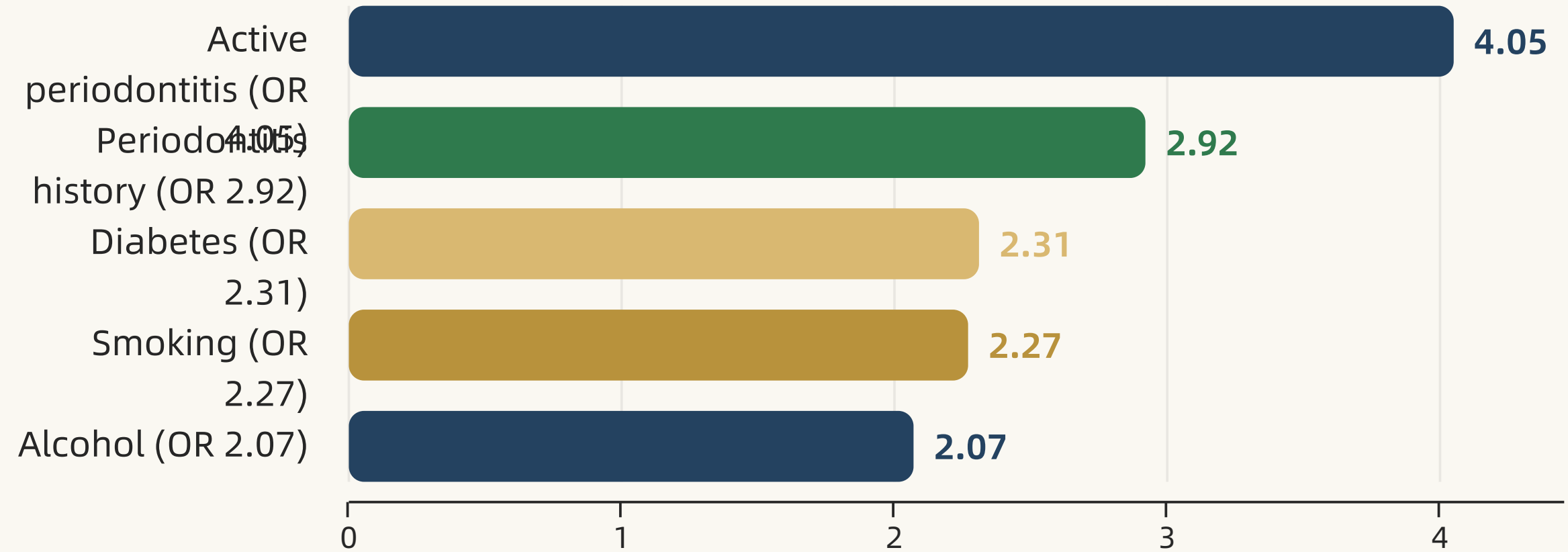
Endodontics: biology overtakes mechanics, with the evidence still maturing



03

Implantology & Oral Surgery

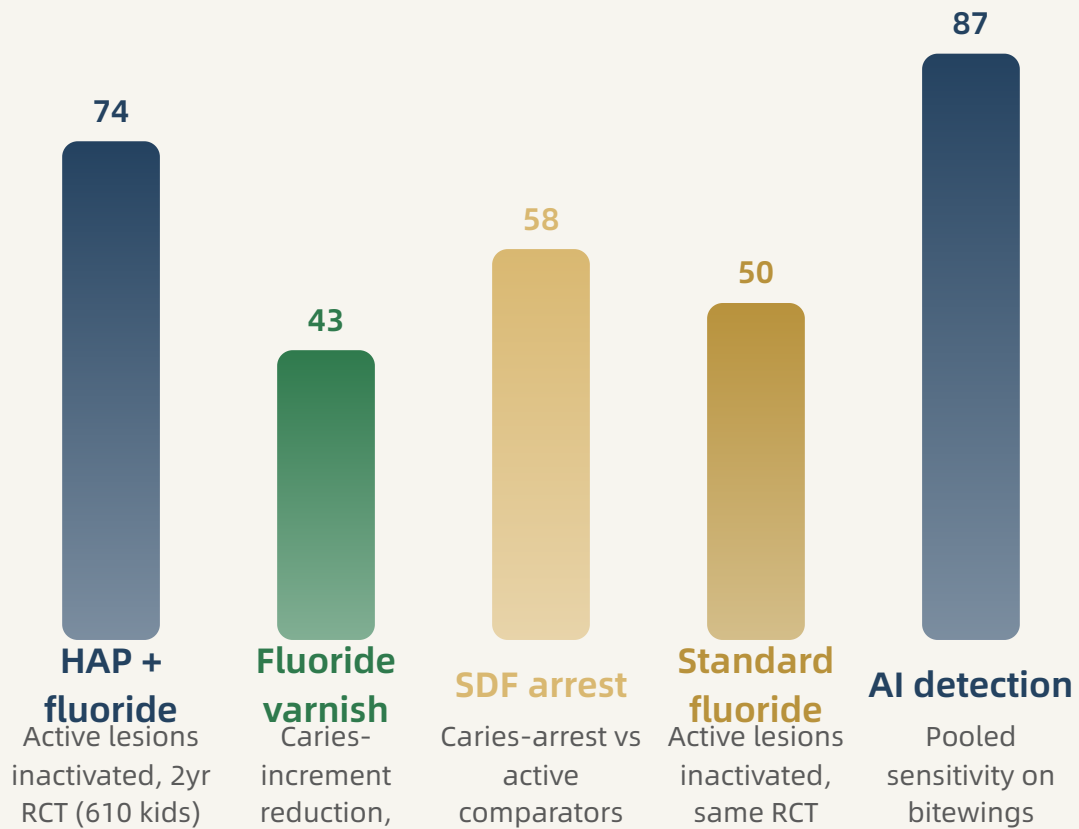
Survival is solved; peri-implant disease and precision are the open problems



04

Cariology & Prevention

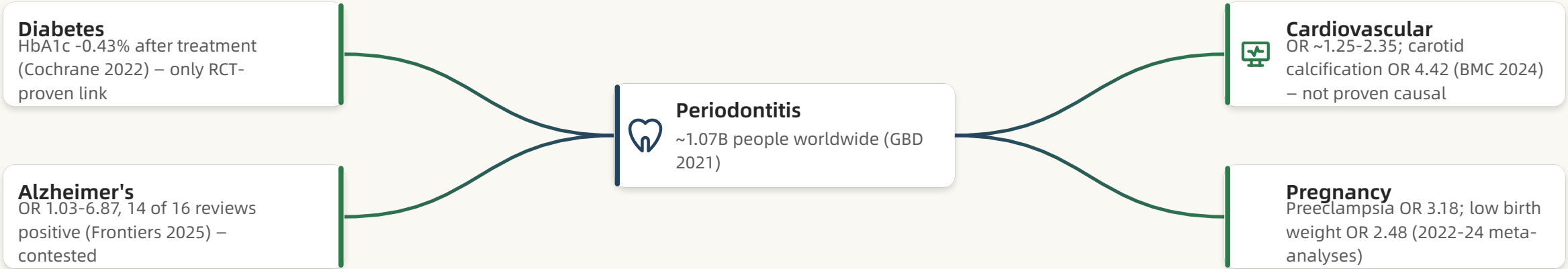
Hydroxyapatite, silver diamine fluoride, and AI are widening the caries-prevention toolkit, but the proof for most new tools stays thin



05

Oral-Systemic Health

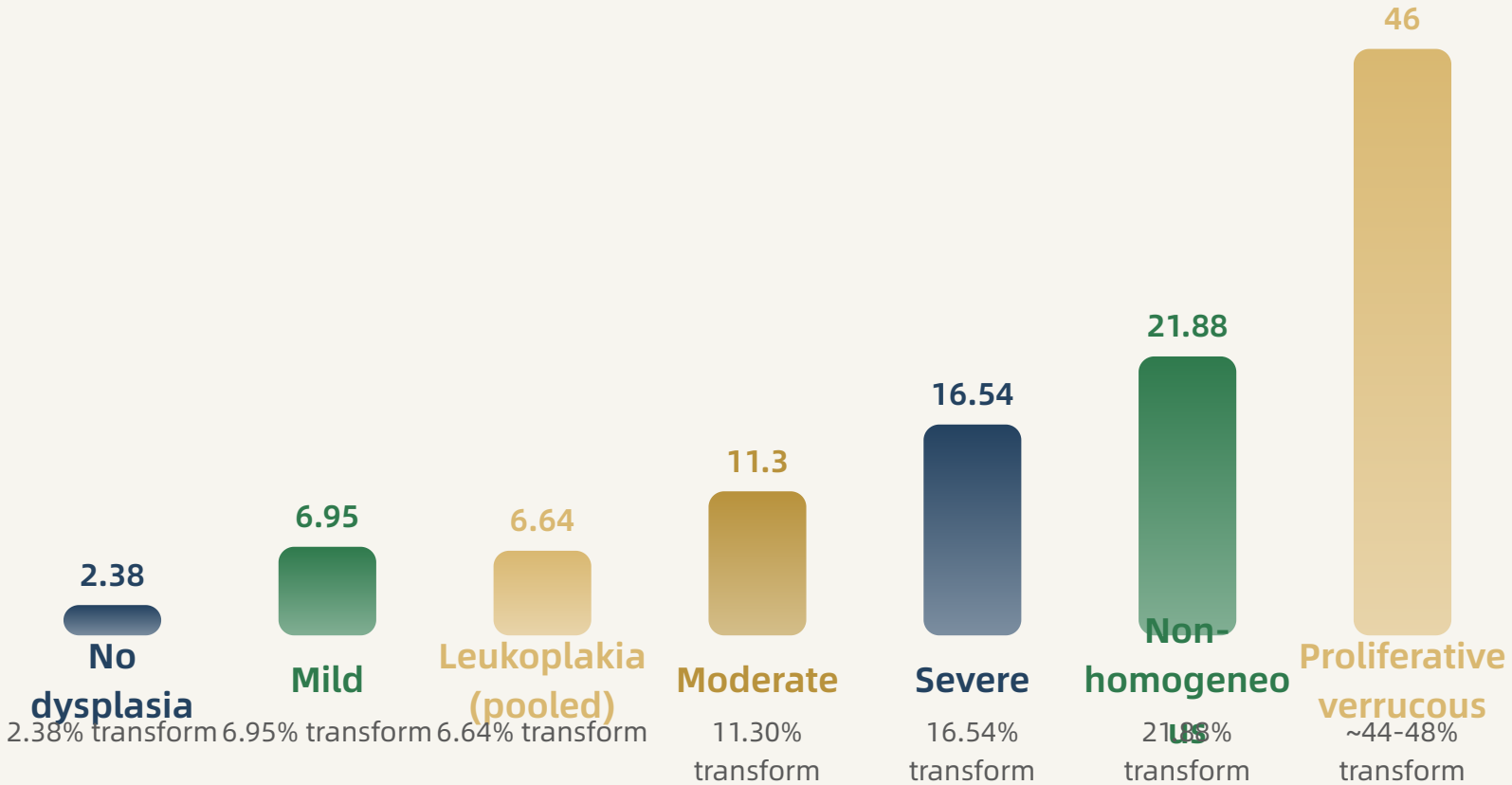
One infected pocket, four organs: where the oral-systemic evidence is real and where it is only a hypothesis



06

Oral Oncology & Oral Medicine

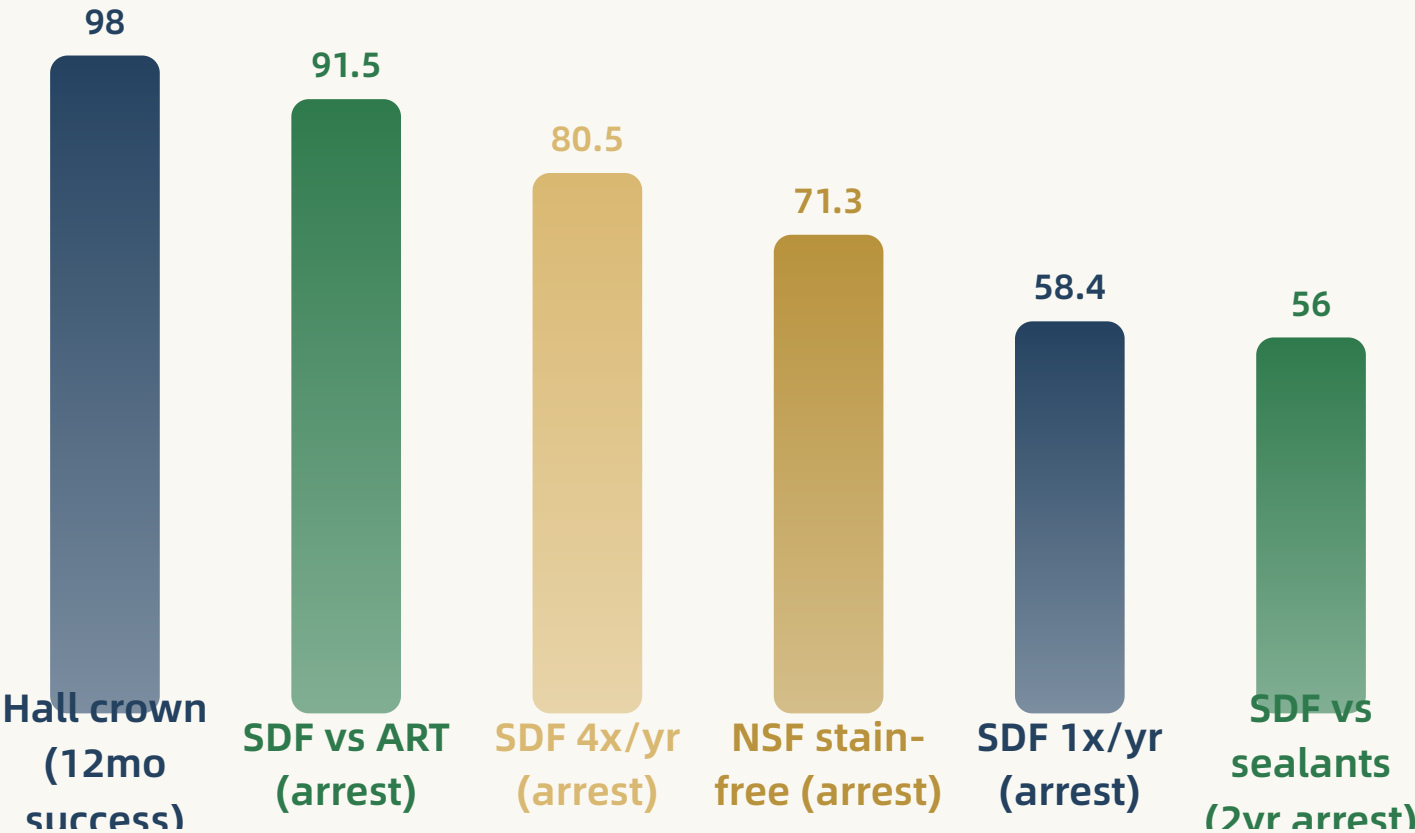
Oral cancer caught too late: the race to find it sooner and less invasively



07

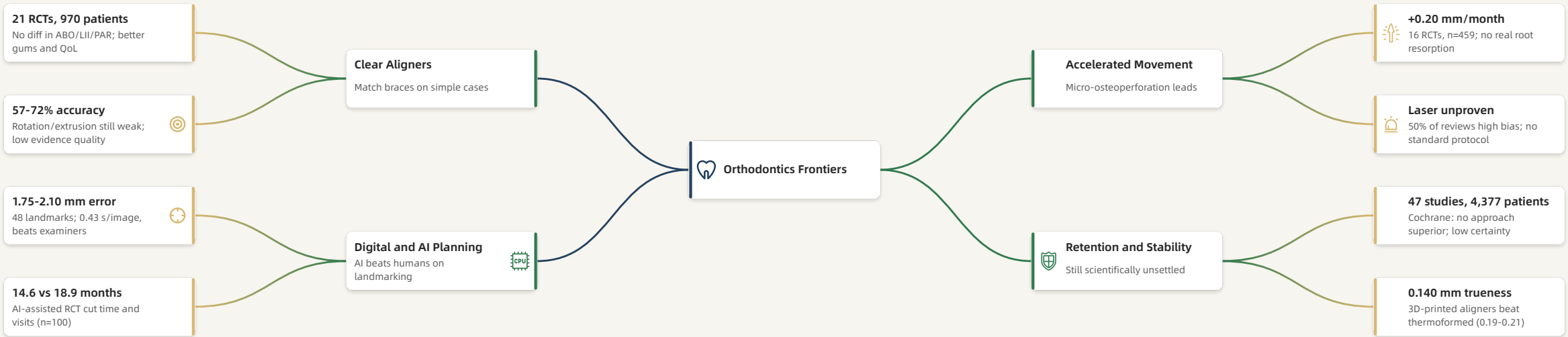
Pediatric Dentistry

Minimally invasive caries management: SDF, the Hall Technique, and the cautious evidence behind the hype



Orthodontics

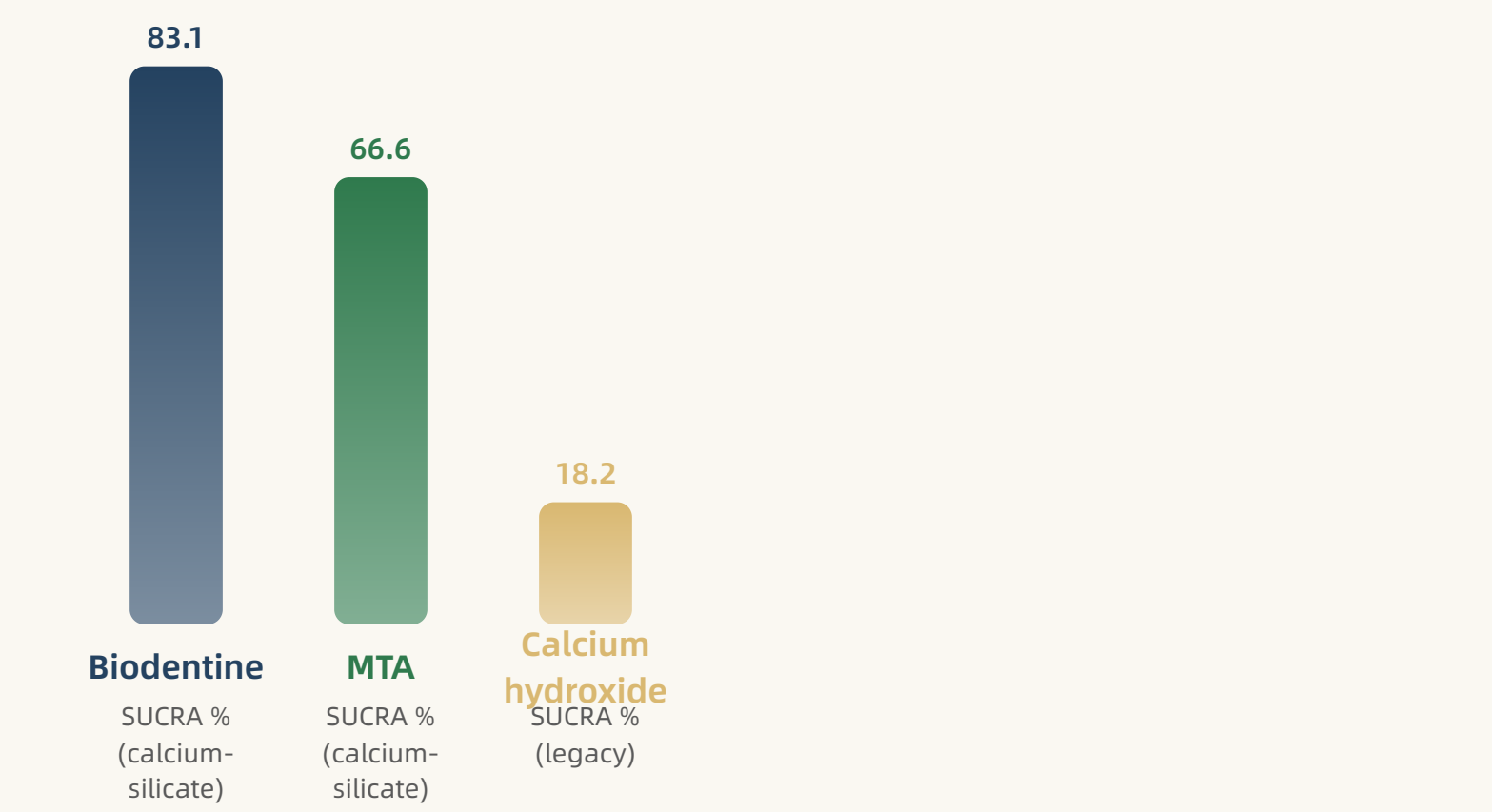
Four frontiers, one pattern: routine cases are solved, the hard problems stay open



09

Biomaterials Research

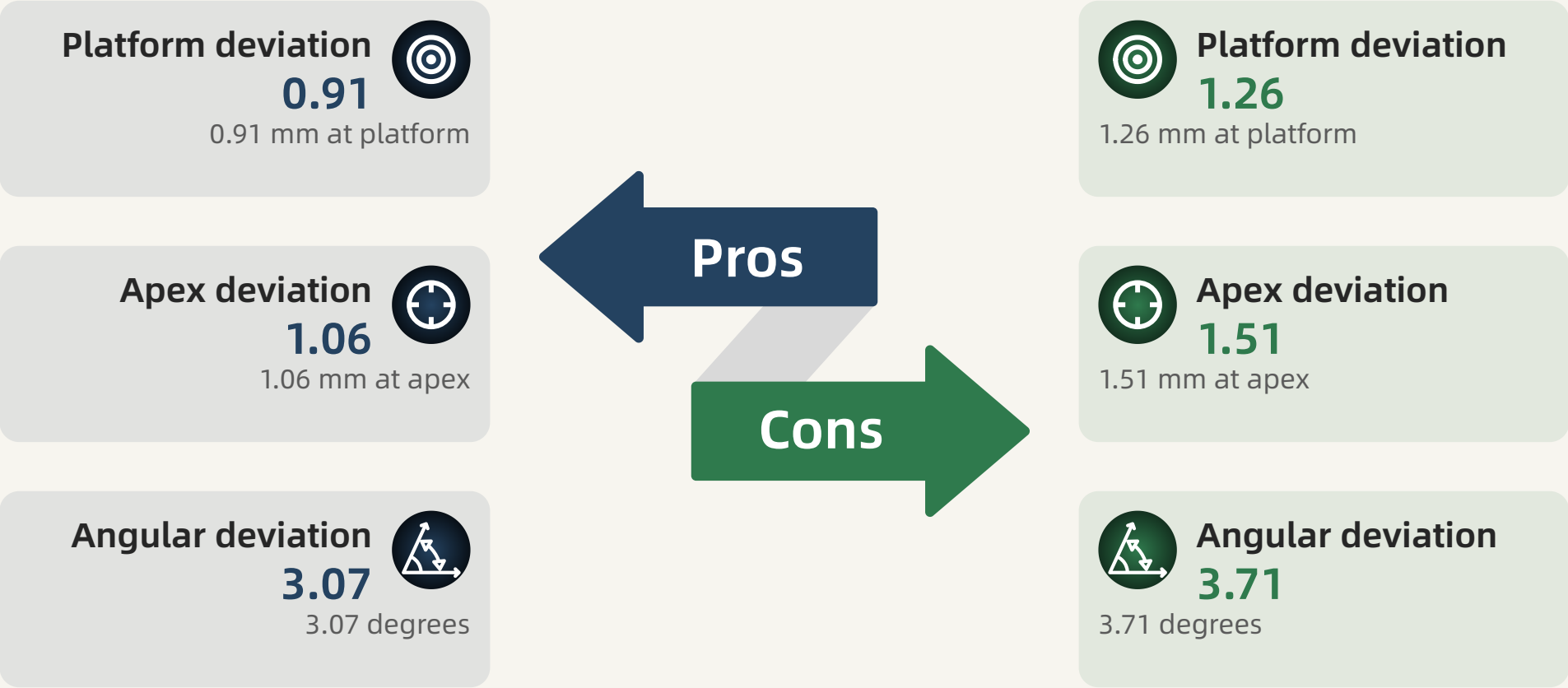
Bioactive and regenerative materials, from evidence-backed pulp capping to still-preclinical scaffolds and implant coatings



10

AI & Technology Research

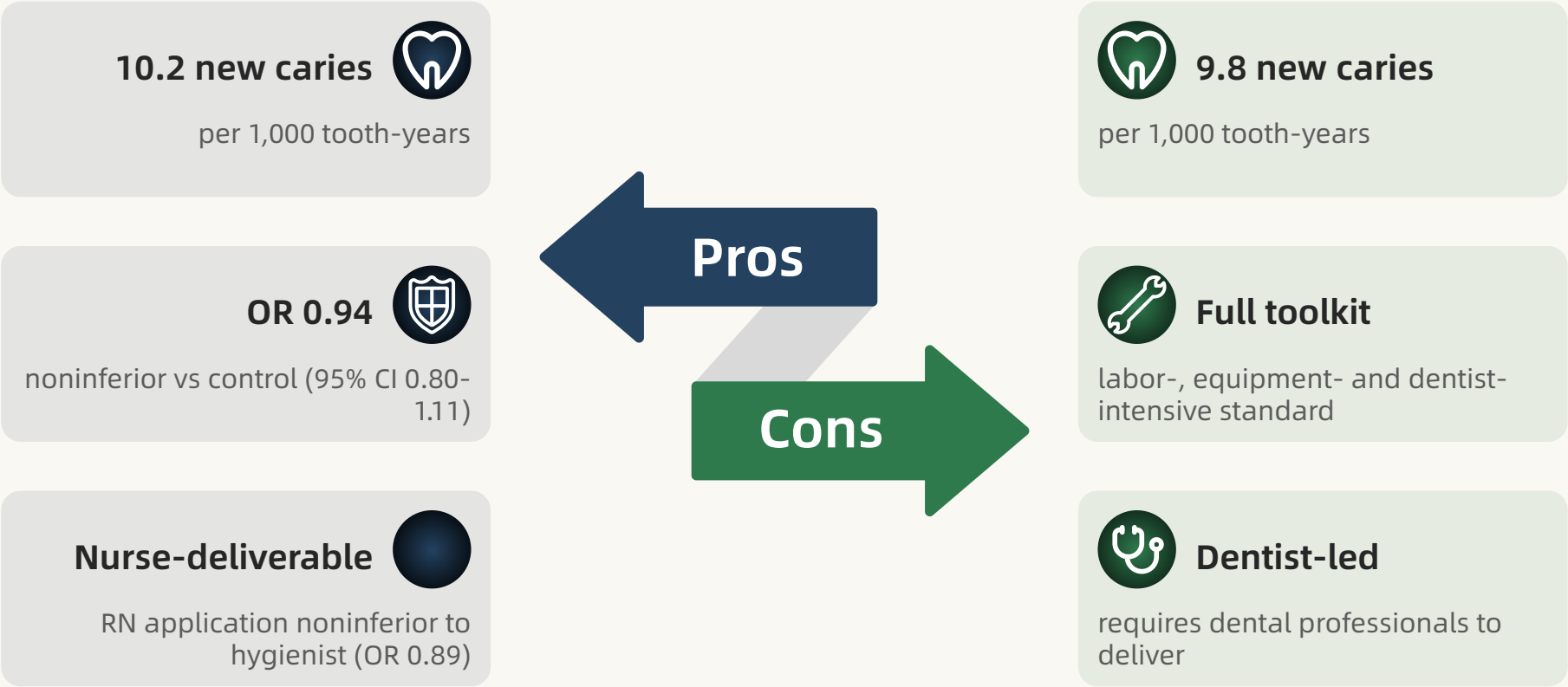
AI & technology: strong headline numbers, weak methodology underneath



11

Featured Paper

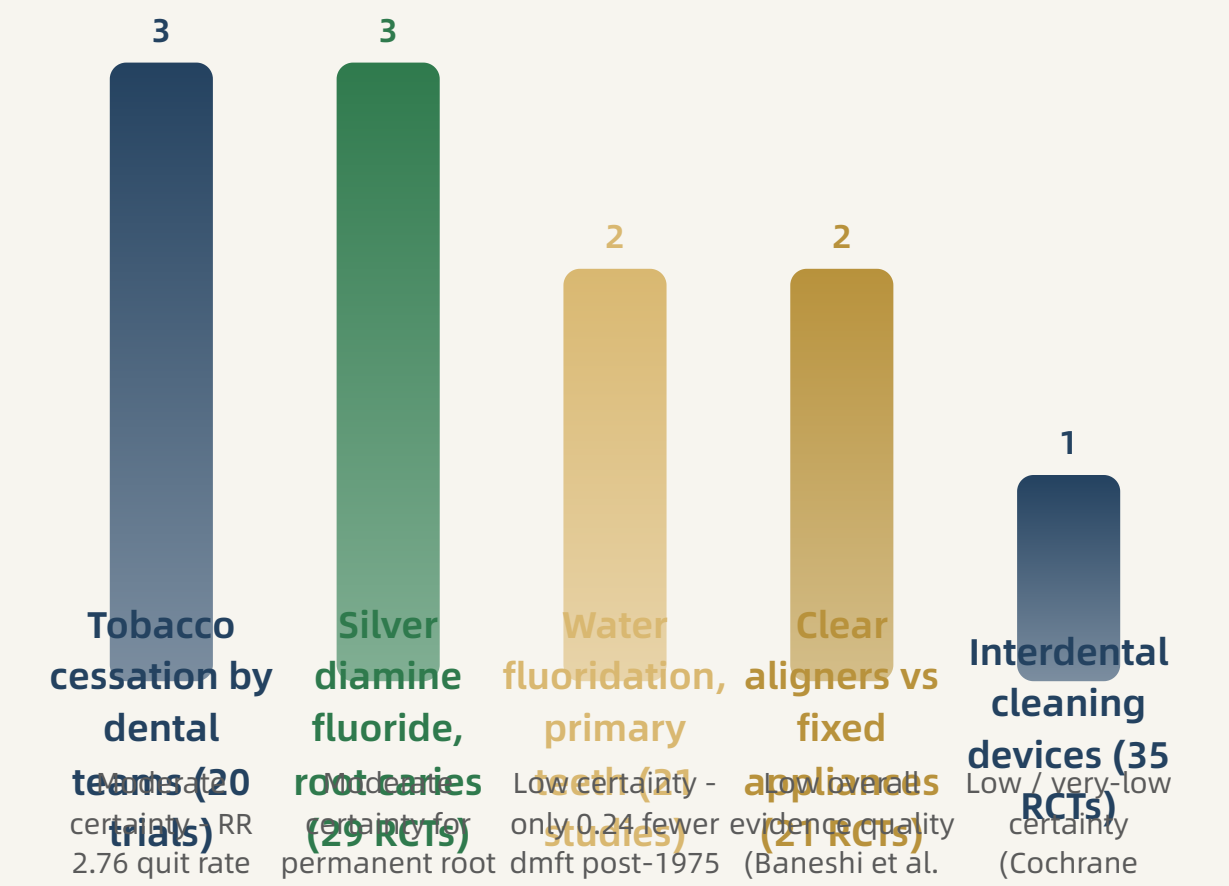
CariedAway: a one-dollar drop of silver diamine fluoride matched the full sealant-plus-ART toolkit across 7,418 high-risk NYC children



12

Evidence Updates: Reviews & Guidelines

Evidence recalibrated: when dentistry’s bedrock tools meet modern GRADE



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Every figure in this deck is researched and fact-checked through the Dental Nation research engine, with full sources in the long-form report.

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