

SDI | RIVA STAR

TOOTH DESENSITIZING AGENT

THE ORIGINAL
SDF SYSTEM



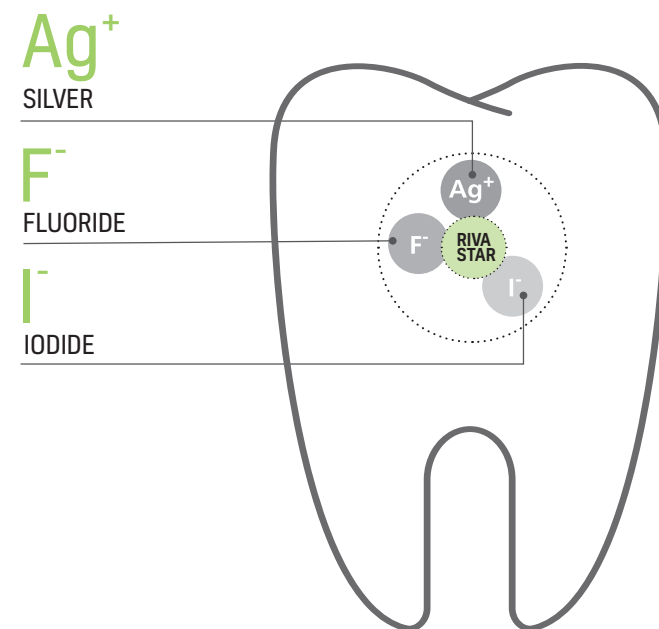
SDF INNOVATION: RIVA STAR



Drawing on 50 years of dental research experience and proudly developed in SDI's state of the art manufacturing facility in Australia, Riva Star is a silver diamine fluoride solution system used to desensitize tooth pain immediately.

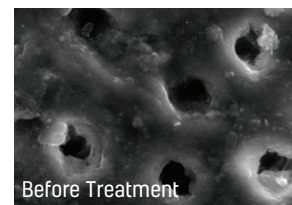
This next generation SDF treatment delivers Minimal Intervention Dentistry that adopts the philosophy of integrating prevention, remineralization and minimal intervention.

A STAR PRODUCT CONTAINING THREE POWERFUL COMPONENTS:

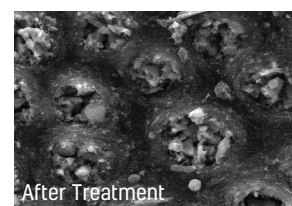


RIVA STAR KEY BENEFITS

- 1 A PROVEN SDF SOLUTION**
Riva Star is a non-invasive 2 step patented system used to desensitize tooth pain in a few drops.
- 2 IMMEDIATE SENSITIVITY RELIEF**
The silver fluoride and potassium iodide in Riva Star blocks the microscopic tubules that make up dentin. A low-solubility precipitate is formed that gives instant relief.
- 3 TWO YEARS DESENSITIZING EFFECT**
A clinical study supports the immediate effect after one application with Riva Star, desensitization lasts for 2 years.¹



Exposed dentinal tubules are well known for causing dentin hypersensitivity.

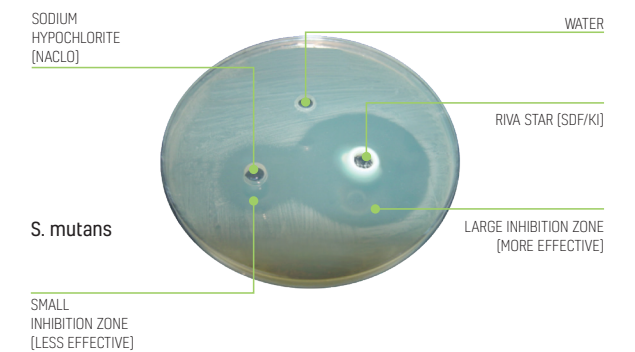


Insoluble silver iodide precipitates occluding dentinal tubules, immediately eliminating sensitivity.

Images courtesy of Dr. Geoff Knight

- 4 EFFECTIVE BIOFILM INHIBITOR**
Studies support that Riva Star is an effective Biofilm inhibitor. Riva Star has higher inhibition zones against four bacterial species (*E.faecalis*, *S.gordonni*, *S.mutans*, *S.mitis*) compared to sodium hypochlorite.²
- 5 REDUCE STAINING**
Unlike other silver fluoride systems, the Riva Star two step procedure minimizes the risk of staining. By applying the potassium iodide solution (KI) over the silver diamine fluoride (SDF), a silver iodide creamy white precipitate is formed which then turns clear.
- 6 QUICKER AND EASIER TREATMENT**
SDF treatment is quicker and easier compared to invasive treatment methods. SDF treatment delivers Minimal Intervention Dentistry that adopts the philosophy of integrating prevention, remineralization and less invasive procedures.

AGAR PLATE CULTURED WITH S. MUTANS



	SDF: Minimal invasive dentistry	Invasive treatments
Quick and efficient	✓	—
Easy and simple to use	✓	—
Cost effective intervention	✓	—
Hand excavation possible	✓	—
No anaesthesia required	✓	—
No drilling required	✓	—
No restoration required	✓	—
No polishing required	✓	—
No post procedure sensitivity	✓	—

References

- Clinical evaluation of a diamine silver fluoride/potassium iodide as a dentin desensitizing agent: 2-year follow up. Craig G G - 2014.
- Heo J Tomkins GR, Love RM; Evaluation of the antimicrobial activity of combined Silver Diammine Fluoride (SDF) and Potassium Iodide (KI) as an Endodontic Medicament, University of Otago, New Zealand, 2010

INSTRUCTIONS CAPSULES KIT

- 1 Isolate area to be treated with Gingival Barrier (SDI Limited), cotton rolls or rubber dam, or protect the gingival tissue around the affected tooth with petroleum jelly.
- 2 Using the silver brush provided, pierce through the foil of the Step 1 (silver capsule) and carefully apply the solution to treatment site only.
- 3 Immediately after, use green brush provided, pierce through the foil of the Step 2 (green capsule) and apply a generous amount of the solution to treatment site. Treatment surface initially appears creamy white, keep applying solution from green capsule until it turns clear.
- 4 Blot dry.
- 5 Remove all protective/isolation materials used in the mouth.
- 6 Discard used capsules and brushes in accordance with local regulation.

CAUTION:
The material could stain teeth if incorrectly used. Patient must be informed of this risk prior to its use.

INSTRUCTIONS BOTTLE KIT

- 1 Isolate area to be treated with Gingival Barrier (SDI Limited), cotton rolls or rubber dam, or protect the gingival tissue around the affected tooth with petroleum jelly.
- 2 Before opening, tap each bottle on a bench. This action will help minimize any premature liquid drips that may occur.
- 3 Dispense one drop of Step 1 [grey label] solution onto non-absorbent mixing pad.
- 4 Carefully apply 0.01mL of dispensed solution to treatment site only, a medium sized micro brush, such as Points (SDI Limited) is recommended.
- 5 Immediately after, dispense two drops of Step 2 [green label] solution onto fresh non-absorbent mixing pad.
- 6 Apply a generous amount of the dispensed solution to treatment site using a medium sized micro brush, such as Points (SDI Limited) is recommended. Treatment surface initially appears creamy white, keep applying Riva Star Step 2 solution [green label] until it turns clear.
- 7 Blot dry, remove any gingival protection used. Discard used mixing pads and brushes in accordance with local regulations.

CAUTION:
The material could stain teeth if incorrectly used. Patient must be informed of this risk prior to its use.

ORDER DETAILS

RIVA STAR

Riva Star Kit	8800504
10 x Riva Star Step 1 Silver Capsules	
10 x Riva Star Step 2 Green Capsules	
Accessories	

RIVA STAR

Riva Star Bottle Kit	8800537
1 x 1.5mL Riva Star Step 1 Bottle	
1 x 3.0mL Riva Star Step 2 Bottle	



YOUR SMILE. OUR VISION.



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