

# SDI | RIVA STAR AQUA

## THE NEXT GENERATION SDF SYSTEM



SDF (Silver Diamine Fluoride) has a proven clinical history of arresting caries and treating dentin hypersensitivity for over 50 years.

Riva Star Aqua is the latest innovation to the SDF treatment category. The patented water based silver fluoride solution is not only antimicrobial, it is also a bio film eliminator and a powerful desensitizer.



**INDICATIONS:** **BRAZIL / LATIN AMERICA:** Desensitizing cervical tooth hypersensitivity, arresting caries, detecting caries.  
**AUSTRALIA / EUROPE:** Desensitizing cervical tooth hypersensitivity.  
**USA:** Treatment of dentinal hypersensitivity, for use in adults over the age of 21.  
Each product kit contains Instructions For Use to ensure correct use as indicated.



YOUR SMILE. OUR VISION.

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# NEXT GENERATION SDF: RIVA STAR AQUA

SDI continues to innovate SDF solutions by releasing Riva Star Aqua, a next generation water based silver fluoride solution that is also as effective as an SDF solution, with additional patient benefits.

Similar to Riva Star (SDF), Riva Star Aqua (AgF) is also a non-invasive 2 step patented system used to desensitize tooth pain in a few drops. Riva Star Aqua is an aqueous silver fluoride solution without the Ammonia base.



<b>Riva Star Aqua Kit</b>	<b>8800527</b>
10 x Riva Star Aqua Step 1 Silver-Blue Capsules 10 x Riva Star Step 2 Green Capsules Accessories	
<b>Riva Star Aqua Bottle Kit</b>	<b>8800532</b>
1 x 1.5mL Riva Star Aqua Step 1 Bottle 1 x 3.0mL Riva Star Step 2 Bottle	

## RIVA STAR AQUA KEY BENEFITS

**1 CLINICAL MATCH TO SDF**  
Clinical studies have shown that Riva Star Aqua's 38% Silver Fluoride (AgF) is also as effective as Riva Star SDF solution containing 38% Silver Fluoride.<sup>7</sup>

**2 IMMEDIATE SENSITIVITY RELIEF**  
The silver fluoride and potassium iodide in Riva Star Aqua blocks the microscopic tubules that make up dentin. A low-solubility precipitate is formed that gives instant relief.

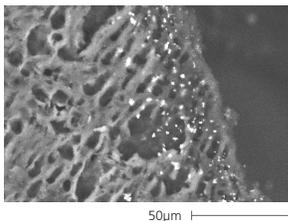


Image shows the reaction of AgF and KI to AgI in the first 50 microns below the surface.

Image courtesy of Dr. Geoff Knight

**3 REDUCE STAINING**  
Just like Riva Star, Riva Star Aqua includes a Potassium Iodide (KI) Step 2 solution, for significantly reducing unsightly black stains.

**4 TWO YEARS DESENSITIZING EFFECT**  
A clinical study supports the immediate effect after one application with Riva Star, desensitization lasts for 2 years.<sup>5</sup>

**5 EFFECTIVE BIOFILM INHIBITOR**  
Studies support that Riva Star is an effective Biofilm inhibitor. Riva Star has a higher inhibition zone against four bacterial species compared to sodium hypochlorite<sup>6</sup>.

**6 NO TISSUE BURN RISK**  
Riva Star Aqua is water based and ammonia free. This reduces soft tissue irritation and eliminates odors while improving storage stability.

**7 NO GINGIVAL BARRIER REQUIRED**  
With no ammonia present, Riva Star Aqua can be safely used without a gingival barrier as soft tissue irritation is significantly reduced. Treatment time is quicker and more comfortable on patients.

**8 IMPROVED SMELL**  
The ammonia free solution tastes and smells better, leading to happier, more compliant patients.

<sup>5</sup> Clinical evaluation of a diamine silver fluoride/potassium iodide as a dentin desensitizing agent: 2-year follow up. Craig G G - 2014.

<sup>6</sup> 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

<sup>7</sup> Turton B, Horn R, Durward C. Caries arrest and lesion appearance using two different silver fluoride therapies on primary teeth with and without potassium iodide : 12 month results. Clin Exp Dent res 2020;1-11