

2024.11.6

Mitsui Chemicals, Inc.

i-TFC™ Luminous II Dental Material Range Launches

Three-way business partnership between Mitsui Chemicals, SHOFU and SUN MEDICAL

Mitsui Chemicals, Inc. (Tokyo: 4183; President & CEO: HASHIMOTO Osamu) today announced that its subsidiary SUN MEDICAL CO., LTD. (Head Office: Moriyama, Shiga; President & CEO: NAKAJIMA Yoshiyuki) launched sales of the i-TFC™ Luminous II dental material range on August 21, 2024. The new product range taps into a three-way business partnership with SHOFU INC. (Tokyo: 7979; President & COO: TAKAMI Tetsuo), with which Mitsui Chemicals has a capital tie-up.



i-TFC™ Luminous II Starter Kit

Consisting of post-and-core^{*1} materials for use in dentistry, this range employs a low-polymerization-shrinkage monomer developed by Mitsui Chemicals. The monomer enables polymerization shrinkage to be reduced by around 28 percent compared with SUN MEDICAL's existing products, thereby improving adhesion to the treatment site. The new range incorporates a product that also contains the S-PRG™ filler^{*2} employed in the Giomer™^{*3} range, one of SHOFU's mainstay products. The launch marks the first time that products uniting the three companies' unique technologies have been brought to market.

*1 A restoration technique used to fill spaces where a tooth is missing and a crown therefore cannot be fitted, in which an artificial support is used for the tooth.

*2 *3 S-PRG™ filler releases fluoride and five other ions, and is reported to demonstrate acid-neutralizing properties.

S-PRG™ and Giomer™ are registered trademarks of SHOFU INC. For further details about Giomer™ and S-PRG™ filler, please visit the Giomer™ website:

<https://www.giomer.jp/en/contents/hp0001/index.php?No=1&CNo=1>

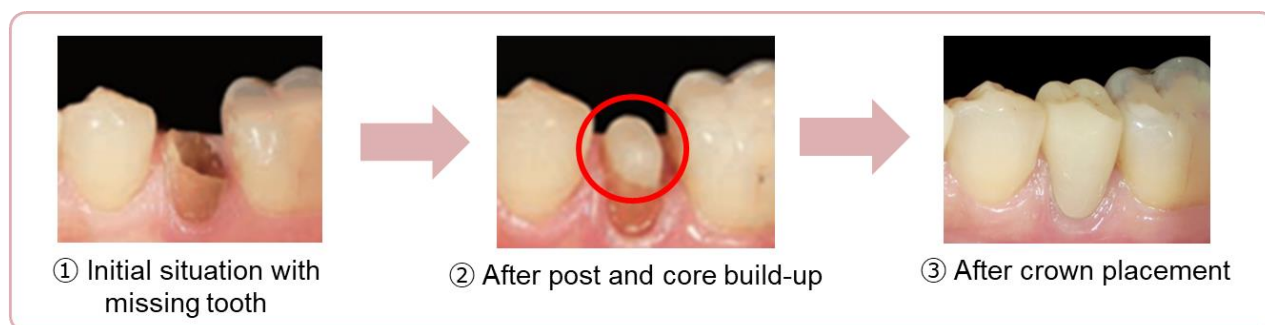


Illustration of dental treatment using i-TFC™ Luminous II

SHOFU and Mitsui Chemicals concluded an agreement for a business and capital tie-up in May 2020. Since then, SHOFU, SUN MEDICAL and Mitsui Chemicals have leveraged their respective areas of strength to enhance their R&D, sales and marketing, and production capabilities in the dental materials field. i-TFC™ Luminous II is itself one result of this three-way business partnership. By providing innovative products and services for the dental materials market, which is transitioning away from metal in favor of resin materials, the three companies will continue to help improve quality of life in dental treatment.

■ SHOFU INC.

<https://www.shofu.com/global/>

■ SUN MEDICAL CO., LTD.

<https://www.sunmedical.co.jp/english/index.html>

■ Mitsui Chemicals, Inc.

<https://jp.mitsuichemicals.com/en/index.htm>

■ i-TFC™ Luminous II range, i-TFC™ Luminous II Starter Kit

Screw post for core build-up	i-TFC™ Luminous Fiber II	306AKBZX00009000
Dental post-and-core material	i-TFC™ Luminous Core II	306AKBZX00010000
Dental dentin adhesive	i-TFC™ Luminous Bond II	306AKBZX00018000
Please address inquiries to SUN MEDICAL CO., LTD. (marketing authorization holder)		

****The purpose of this news release is to provide information about Mitsui Chemicals' business activities to the media, shareholders and investors, and other stakeholders. While the release contains information about products including medical devices and pharmaceuticals, it is not intended to provide information to the general public.***