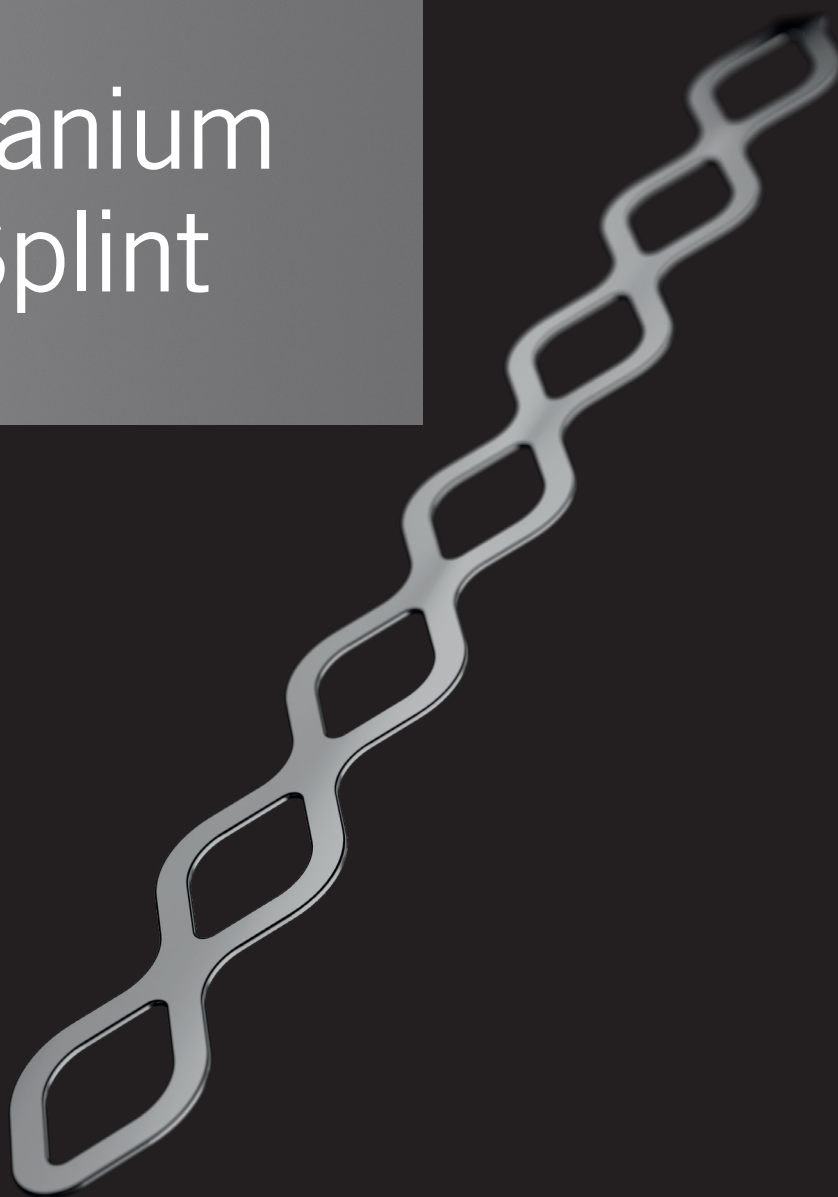


medartis®

PRECISION IN FIXATION

PRODUCT INFORMATION

TTS – Titanium Trauma Splint



MODUS®

TTS – Titanium Trauma Splint



Easy adaptation, fixation and removal

- Physiologic
- Small dimension
- Flexibility
- High comfort
- Cleansability

Features

For the dentist

- User-friendly handling
- Easy adaptation and fixation
- Manual shaping of the splint
- Easy to cut to size
- Time reduction in simple splint application and removal
- Optimized splint design

Indications

The TTS Tooth Splint is used for:

- Stabilization after repositioning or replantation (acute trauma cases)
- Stabilization after intentional (planned) replantation

For the patient

- Improved comfort: minimal impairment of speech, eating and oral hygiene in comparison with conventional splints
- Preservation of physiological mobility of the injured tooth as well as the neighboring teeth

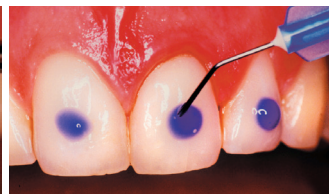
Application



Repositioning



Cleansing



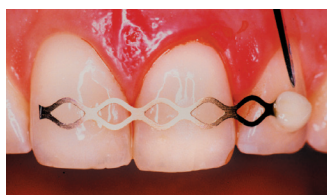
Etching



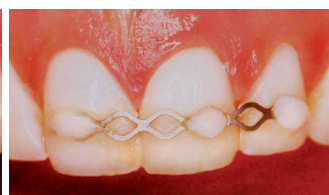
Drying



Bonding agent

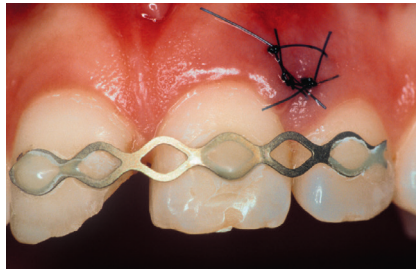


Composite



Clinical Cases

Case 1 (Michael Bornstein)



This 15-year-old patient was admitted following a road accident. Avulsion of 11 (21, 11) showed an enamel-dentine fracture without involvement of the pulp. 1 (21) was replanted and stabilized for 10 days by means of the TTS.

Case 2 (Yves Germanier)



Complex tooth trauma in a 13-year-old girl after a fall while climbing. Avulsion of 1 (21), root fracture of 1 in the cervical third of the root (crown fragment could not be found any more) and 2 (12) with a fracture of the crown without involvement of the pulp. 1 (21) was replanted and fixated for two weeks using the TTS.

Developed in cooperation with: Department of Oral Surgery and Stomatology, School of Dental Medicine University of Berne, Switzerland, T. von Arx and colleagues. Cases and pictures received from the above.

Ordering Information

TTS Tooth Splint

Material: Titanium (ASTM F67)



TTS-1002



TTS-1004

Art. No.	Description	Color	Piece/Pkg
TTS-1002	52 × 0.2 mm	matt, gold	1
TTS-1004	100 × 0.2 mm	matt, gold	1

Publications

von Arx, T., Filippi, A., Buser, D. (2001a)
Splinting of traumatized teeth with a new device: TTS (Titanium Trauma Splint)
Dent Traumatol, 17(4), pp. 180-4.

von Arx, T., Filippi, A., Lussi, A. (2001b)
Comparison of a new dental trauma splint device (TTS) with three commonly used splinting techniques
Dent Traumatol, 17(6), pp. 266-74.

Filippi, A., von Arx, T., Lussi, A. (2002)
Comfort and discomfort of dental trauma splints - a comparison of a new device (TTS) with three commonly used splinting techniques
Dent Traumatol, 18(5), pp. 275-80.

Ingimarsson, S., von Arx, T. (2002)
**Neue Schienungstechnik in der Zahntraumatologie
Nouvelle technique de contention en traumatologie dentaire
[A new splint technique in dental traumatology]**
Schweiz Monatsschr Zahnmed, 112(12), pp. 1263-73. Article in German and French.

von Arx, T. (2005)
Splinting of traumatized teeth with focus on adhesive techniques
J Calif Dent Assoc, 33(5), pp. 409-14.

Chappuis, V., von Arx, T. (2005)
Replantation of 45 avulsed permanent teeth: a 1-year follow-up study
Dent Traumatol, 21(5), pp. 289-96.

Adatia, A., Kenny, D. J. (2006)
Titanium Trauma Splint: An Alternative Splinting Product
JCDA, 72(No. 8), pp. 721-23.

Ferrazzini Pozzi, E. C., von Arx, T. (2008)
Pulp and periodontal healing of laterally luxated permanent teeth: results after 4 years
Dent Traumatol, 24(6), pp. 658-62.

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