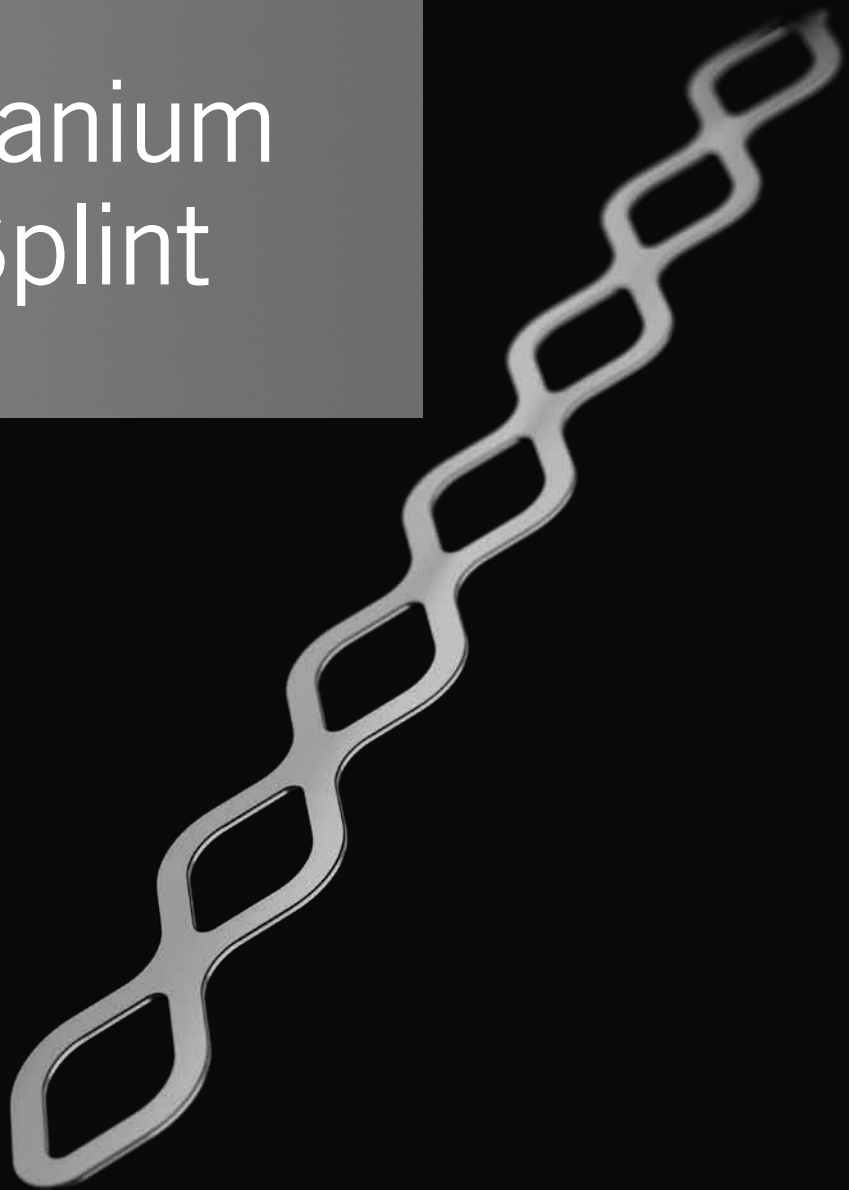


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PRECISION IN FIXATION

PRODUCT INFORMATION

# TTS – Titanium Trauma Splint



MODUS

**DAM**  
**Medical**

# 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:

- Tooth stabilization after repositioning or replantation (acute trauma cases)
- Tooth 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

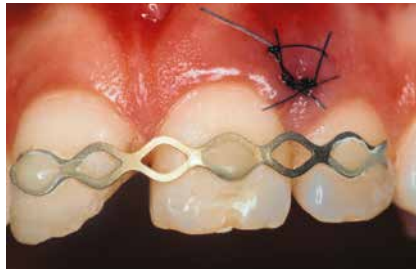


Composite



# 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.

## Publications

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**Comfort and discomfort of dental trauma splints - a comparison of a new device (TTS) with three commonly used splinting techniques**  
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**Neue Schienungstechnik in der Zahntraumatologie  
Nouvelle technique de contention en traumatologie dentaire**

**[A new splint technique in dental traumatology]**  
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von Arx, T. (2005)  
**Splinting of traumatized teeth with focus on adhesive techniques**  
J Calif Dent Assoc, 33(5), pp. 409-14.

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**Titanium Trauma Splint: An Alternative Splinting Product**  
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**Pulp and periodontal healing of laterally luxated permanent teeth: results after 4 years**  
Dent Traumatol, 24(6), pp. 658-62.



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