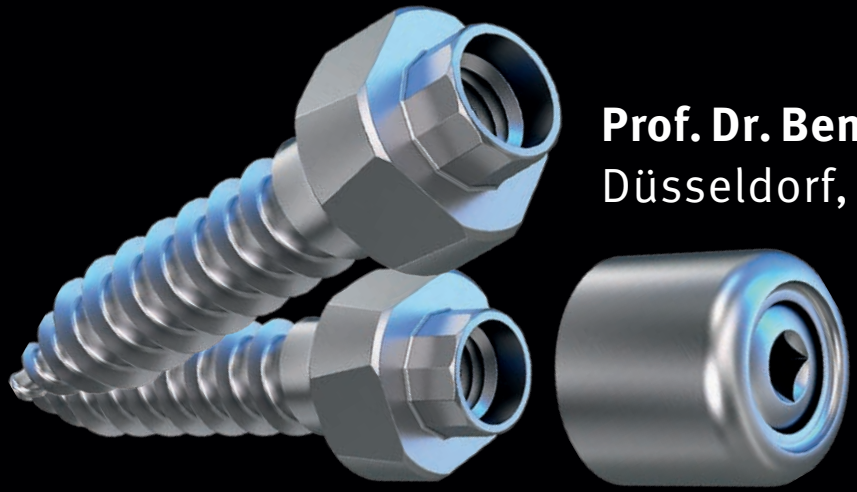
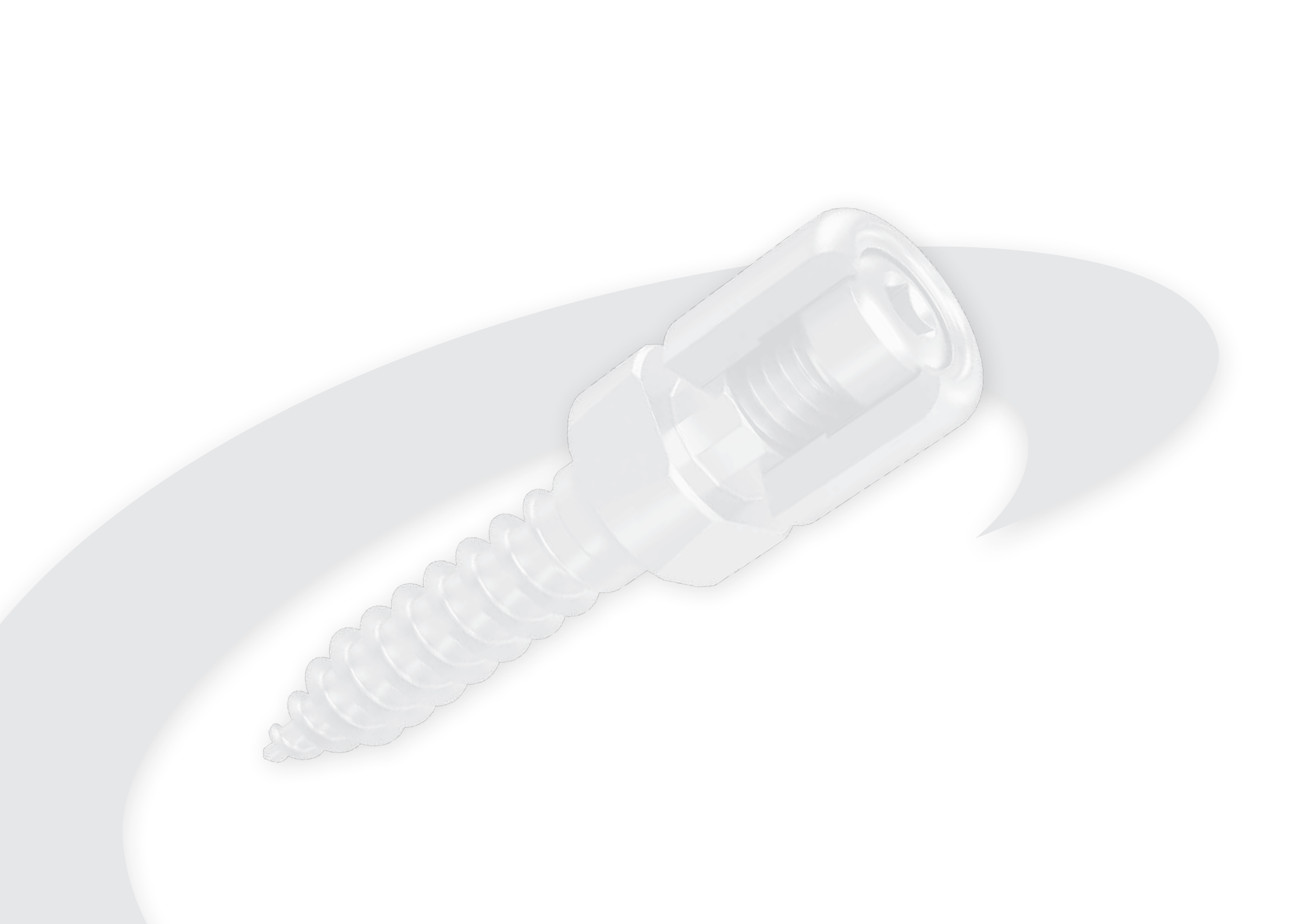
psm
MEDICAL SOLUTIONS

BENEfit®-System. Handout – *Manuel d´information*

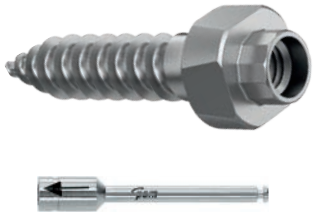


Prof. Dr. Benedict Wilmes
Düsseldorf, Germany

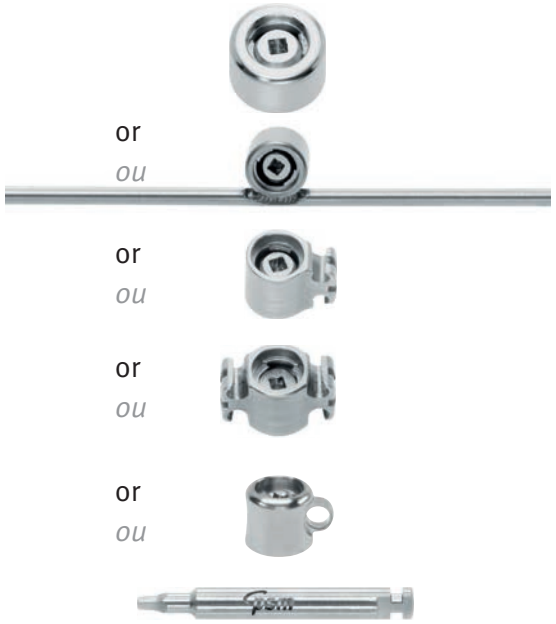
www.psm.ms – premium implants



BENEfit® Mini-implant
BENEfit® Mini-implant



Abutments
Ecrou de fixation pour Mini-Implant



or
ou

or
ou

or
ou

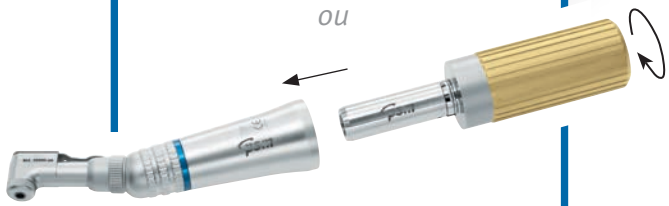
or
ou

Coupling with the appliance
En combinaison avec le dispositif

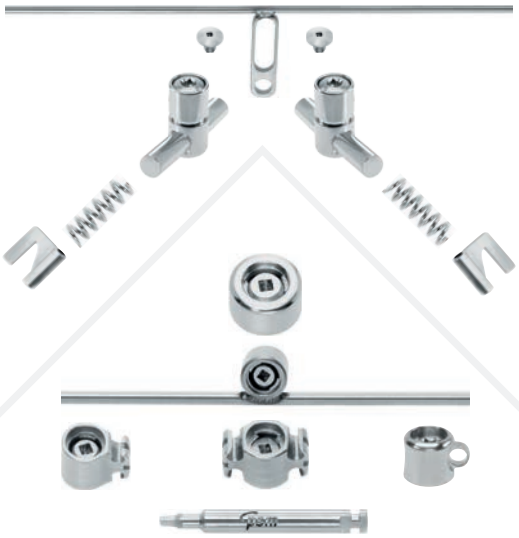
Screwdrivers
Tournevis

or
ou

or
ou



The *BENEfit®*-Abutments
The BENEfit®-Abutments



The *BENEplate* miniplates
Les BENEplate miniplaques

LITERATURE – *PUBLICATIONS*:

Wilmes B., Drescher D.
Benefit – A mini-implantat system with interchangeale abutments.
J Clin Orthod 2008; 42:574-580

Wilmes B., Drescher D., Nienkemper M.
Beneplate – A miniplate system for improved stability of skeletal anchorage. J Clin Orthod 2009; 43:494-501

Adaptation
Adaptation

The *BENEslider*

The most classical indication for skeletal anchorage using Mini-Implants with abutments is molar-distalization and/mesialization in the maxilla. By means of the so called "***BENEslider***" the molars can be bodily distalized and/or mesialized using the Mesialslider. In many cases, tooth extraction or dental implants can be avoided.

To couple two ***BENEfit***® Mini-Implants, a ***BENEplate*** with welded wire is connected to the Implants and the ***BENEslider*** parts (mobilizer, springs, ***BENEtube***) are placed on the wire. Active force is applied by springs (240 g or 500 g) and activated with the Mobilizer.

Le système BENEslider

L'indication usuelle d'un ancrage squelettique à l'aide de mini-implants est la distalisation ou mésialisation au maxillaire. Grâce au système ***BENEslider*** *les molaires peuvent être mésialées (Mesialslider) ou distalées (BENEslider). Dans la plupart des cas cela permettra d'éviter les extractions.*

Pour coupler deux mini-implants ***BENEfit***®*, une plaque* ***BENEplate*** *sur arc est connectée aux mini-implants et agrémentée des accessoires* ***BENEslider*** *(Ecrous mobiles d'activation, ressorts,* ***BENEtube****) qui sont fixés sur l'arc. La force est activée par le biais des ressorts (240 gr. ou 500 gr.) et des écrous mobiles d'activation.*

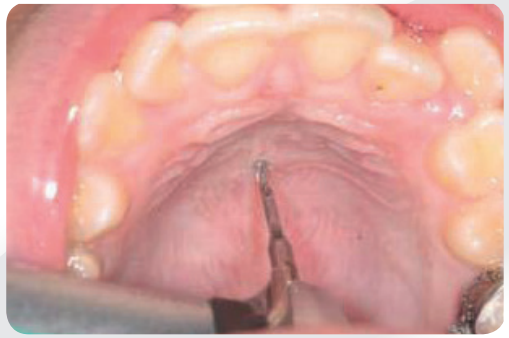
intraorally
En intra-oral

on the plaster model
Sur moulage de travail en laboratoire

Skeletal anchorage
Ancrage squelettique

Prof. Dr. Benedict Wilmes, Düsseldorf, Germany

Anaesthesia, two paramedian depots
Anesthésie, deux dépôts paramédianes



Pre-drilling, approx. 3 mm deep (only required for adults)
Pré-forage, approx. 3 mm profond seulement requis pour les adultes

Implant Insertion
Insertion de l'implant

Standard Contraangled Handpiece (blue)
with DIN connector
Le manche de vissage manuel pour contre-angle (Bleu) avec connecteur DIN

The manually turned unit is connected to your existing contra-angled handpiece (blue 1:1) that enables its use with an angled screwdriver.

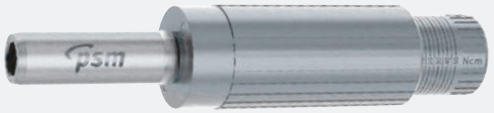
Le manche de vissage manuel pour contre-angle est connecté directement à votre instrumentation existante (Bleu 1:1).

Manually turned PSM unit
Manche PSM pour contre-angle (Universel)

10-63025

Manually turned unit for contra-angled handpieces

Manche de vissage manuel pour contre-angle



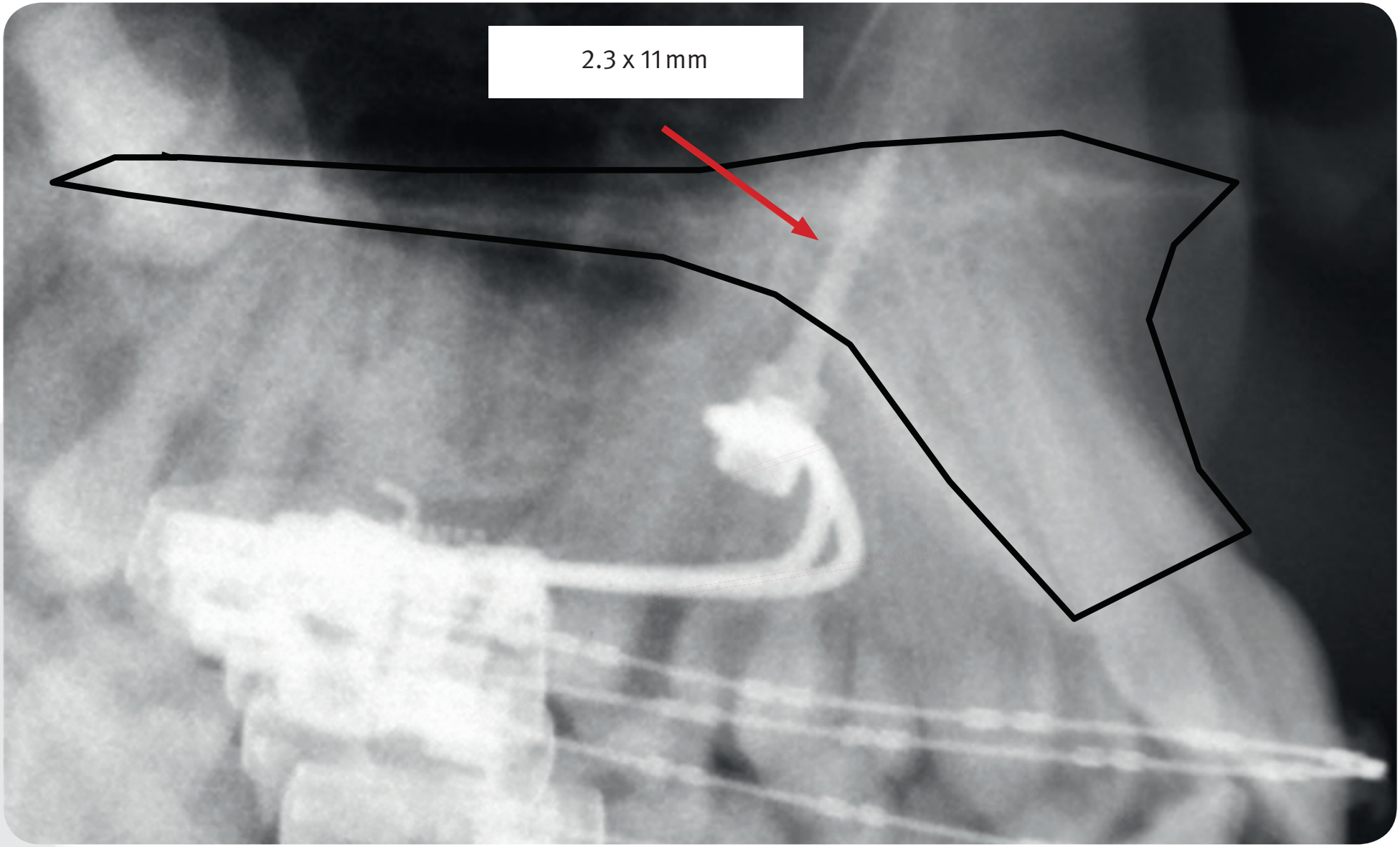
33-54704

Manually turned unit mod. to Pauls, with adjustable torque from 0 – 40 Ncm

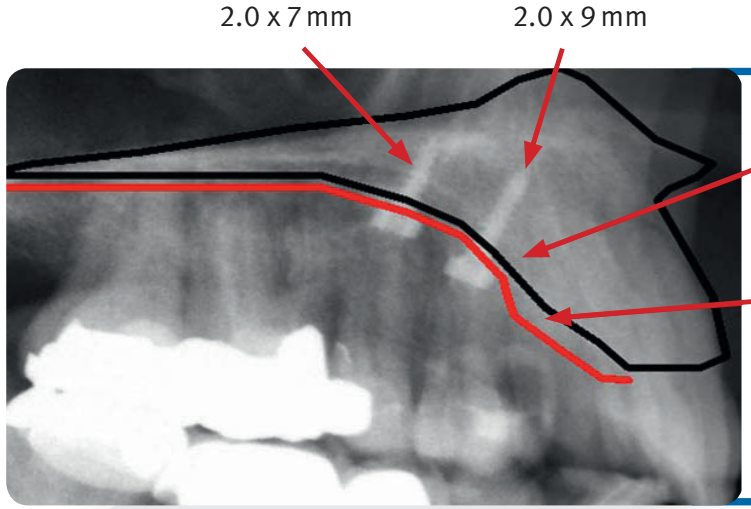
Manche de vissage manuel modèle Pauls, avec ajustage du couple de 0 à 40 Ncm

→ Orthodontist could / should insert
Suggestion d'insertion pour le praticien

Dimension when using only one mini implant
Dimension en utilisant seulement un mini implant



Dimension when using two mini implants
Dimension en utilisant deux mini implants

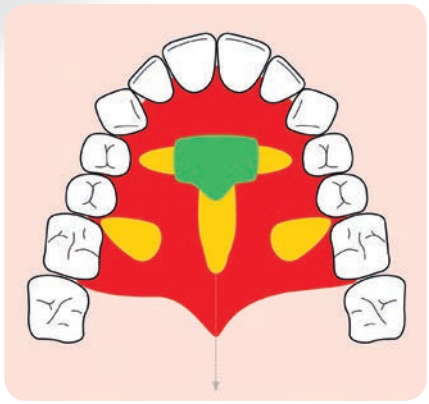


posterior Mucosa app. 1 mm
Epaisseur de la muqueuse palatine postérieure env. 1 mm

anterior Mucosa › 3 mm
Epaisseur de la muqueuse palatine antérieure sup. à 3 mm

Distance of the mini implants: 7 – 14 mm
Distance des mini-implants: 7 – 14 mm

Best insertion area / *Site d'insertion idéal*

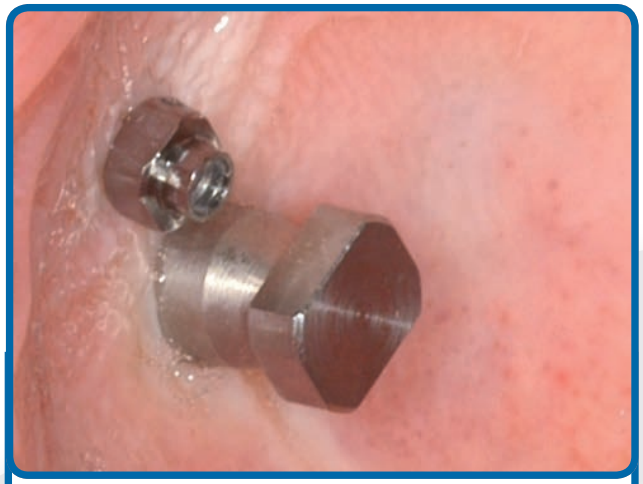


Median insertion
Insertion médian

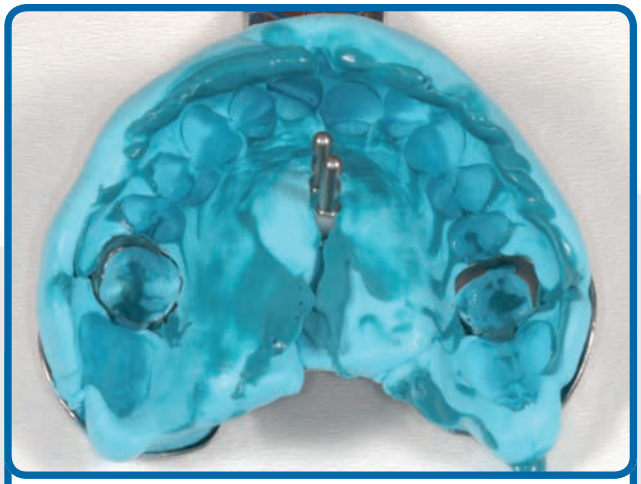
Para Median insertion
Para insertion médian

LITERATURE – *PUBLICATIONS*:

Ludwig B, Glasl T, Bowman J, Wilmes B, Kinzinger G, Lisson G. Anatomical Guidelines for Miniscrew Insertion: Palatal Sites. J Clin Orthod. 2011:45(8):433-441



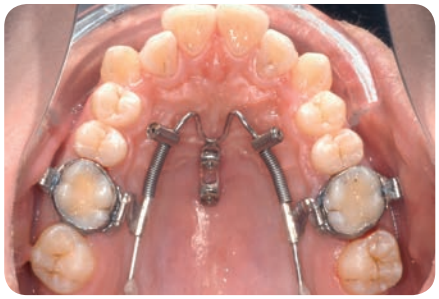
(33-54410)
Impression cap
Tête pour prise d'impression



(33-54425)
Laboratory analog
Implant de transfert pour travaux sur moulages

Versatile usage of TAD's
Versatilité du système BENEfit®

Prof. Dr. Benedict Wilmes, Düsseldorf, Germany



Molar distalization
Distalisation Molaire

BENEslider
BENEslider

Pendulum B
Pendulum B

Molars mesialization
Molaires mésialisation

Mesialslider
Mesialslider

RPE (and facemask) Hybrid-Hyrax
RPE (avec masque facial) Hyrax Hybride

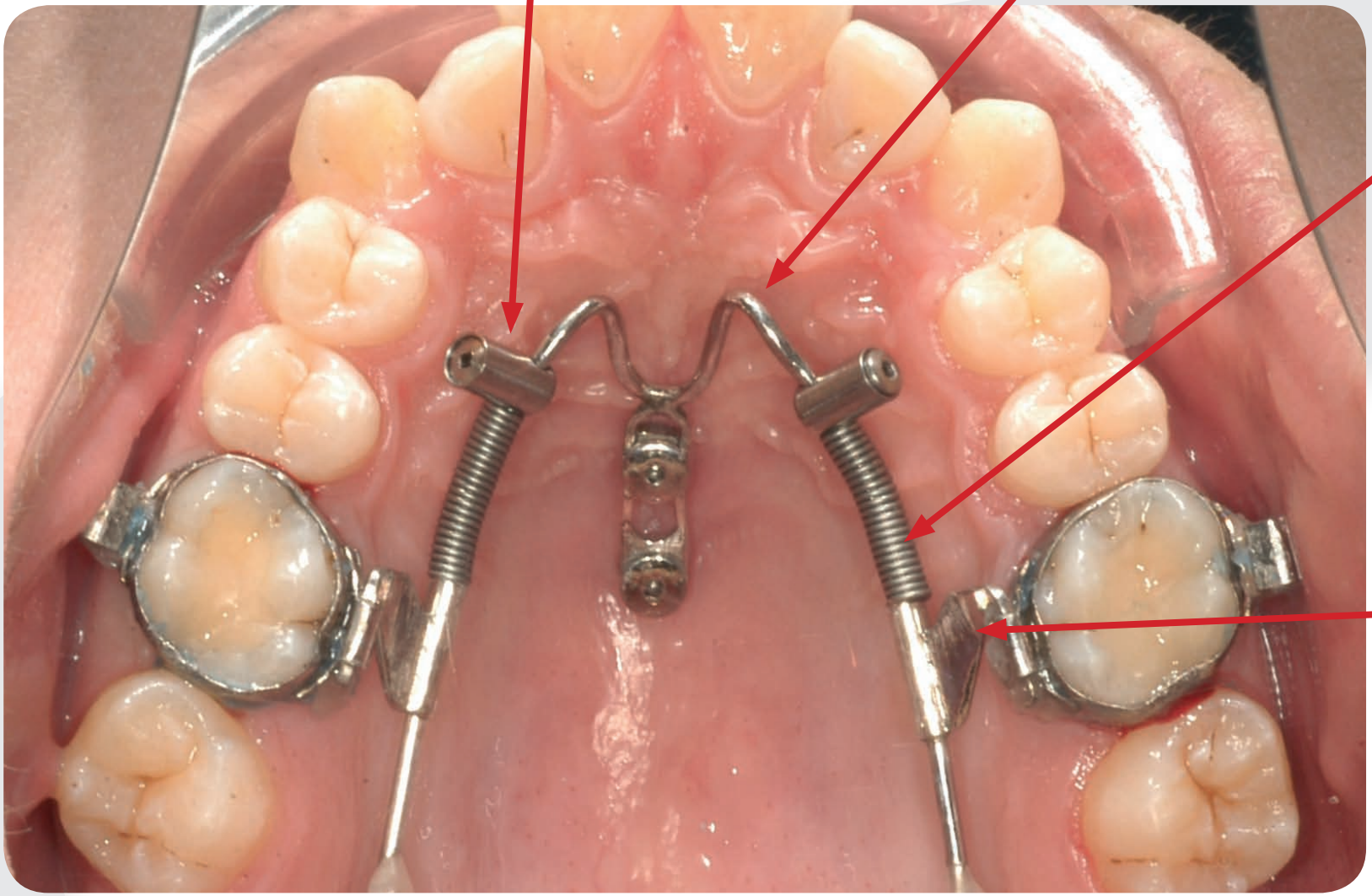
Alignment of retained teeth
Implants dentaires temporaires

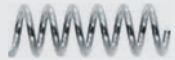
Temporary pontics
Canines incluses- dents ankylosées

Molar uprighting
Redressement des axes Molaires

(33-54540)
Mobilizer
Ecrou mobile d'activation

(33-54409)
BENEplate with 1.1 mm wire
BENEplate sur arc 1.1 mm





(33-54524)
Adolescent: 240 g NiTi coil spring
***Adolescent**: 240 gr. Ressort d'activation*

(33-54525)
Adults: 500 g NiTi coil spring
***Adultes:** 500 gr. Ressort d'activation*

(33-54535) (33-54536)
BENEtube
BENEtube

beneplates

***BENEplate* with 1.1 mm stainless steel wire**

BENEplate sur arc acier inox 1.1 mm

5,5 months later
Après 5,5 mois

LITERATURE – *PUBLICATIONS*:

Wilmes B, Nienkemper M, Ludwig B, Kau CH, Pauls A, Drescher D. Esthetic Class II Treatment with the Beneslider and Aligners.JCO 2012.46:390-8
Wilmes B, Drescher D., Application and effectiveness of the Beneslider. A device to move molars distally. World J Orthod 2010;11:331–340

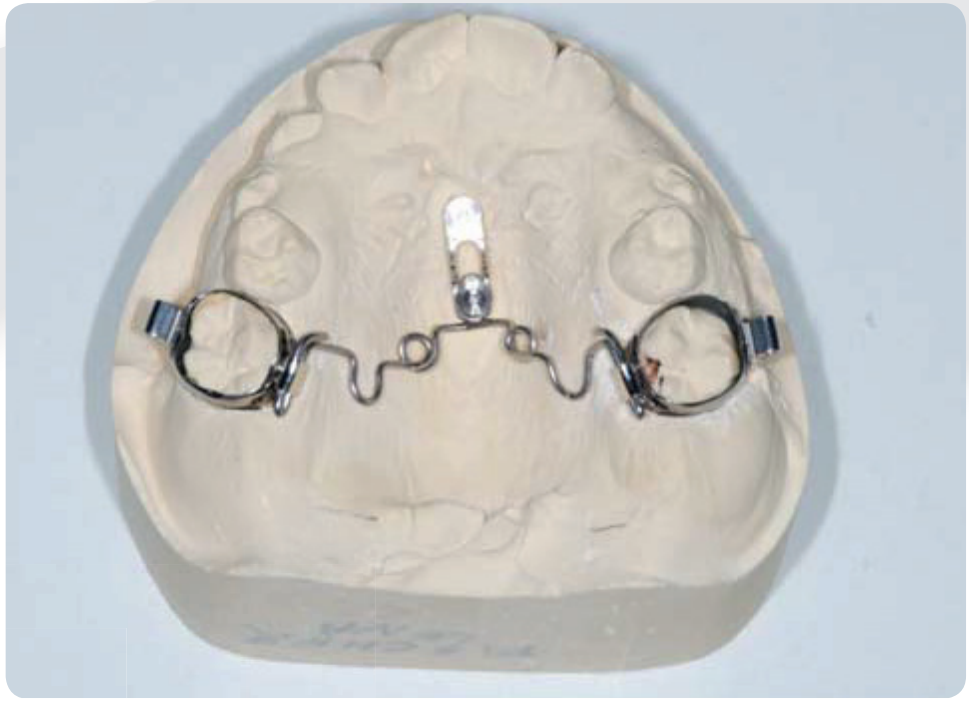
LITERATURE – *PUBLICATIONS*:

Wilmes B, Neuschulz J, Safar M, Braumann B, Drescher D. Protocols for combining the Beneslider with lingual appliances in Class II treatment. J Clin Orthod. 2014;48:744-52

beneplates

BENEplate **with 0.8 mm stainless steel wire** (33-54428) **or TMA** (33-54420)

BENEplate sur arc acier inox 0.8 mm (33-54428) ou TMA (33-54420)



LITERATURE – *PUBLICATIONS*:

Wilmes B, Katyal V, Drescher D. Mini-implant-borne Pendulum B appliance for maxillary molar distalisation: designand clinical procedure. Aust Orthod J. 2014;30:230-9

beneplates

BENEplate with 0.8 mm stainless steel wire (33-54428) – or TMA (33-54420)

BENEplate sur arc acier inox 0.8 mm (33-54428) ou TMA (33-54420)

Treatment Start
Début de traitement

4 months later
Après 4 mois

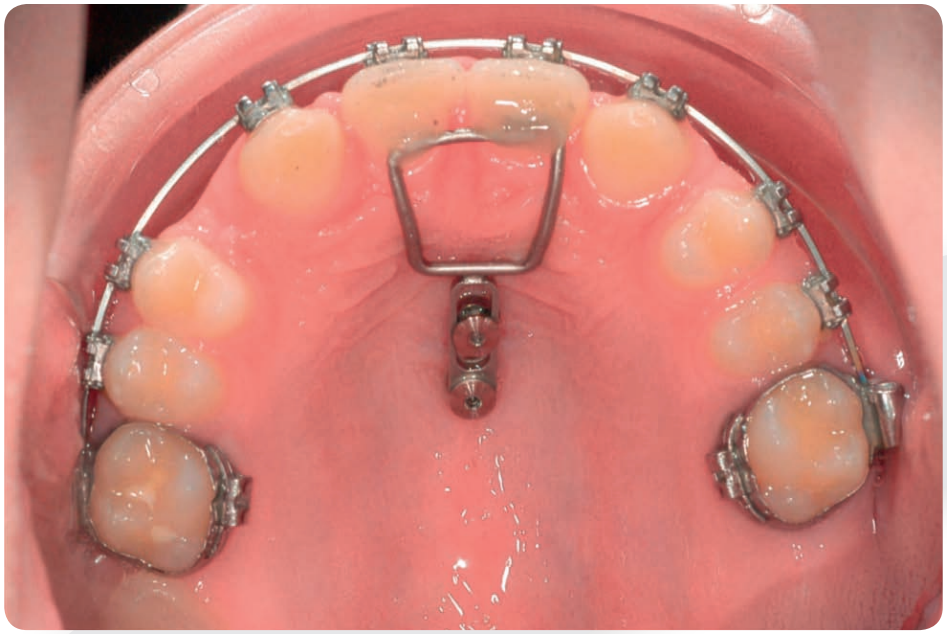
› Total treatment time: 12 months
- 6 months Pendulum
- 6 months MB

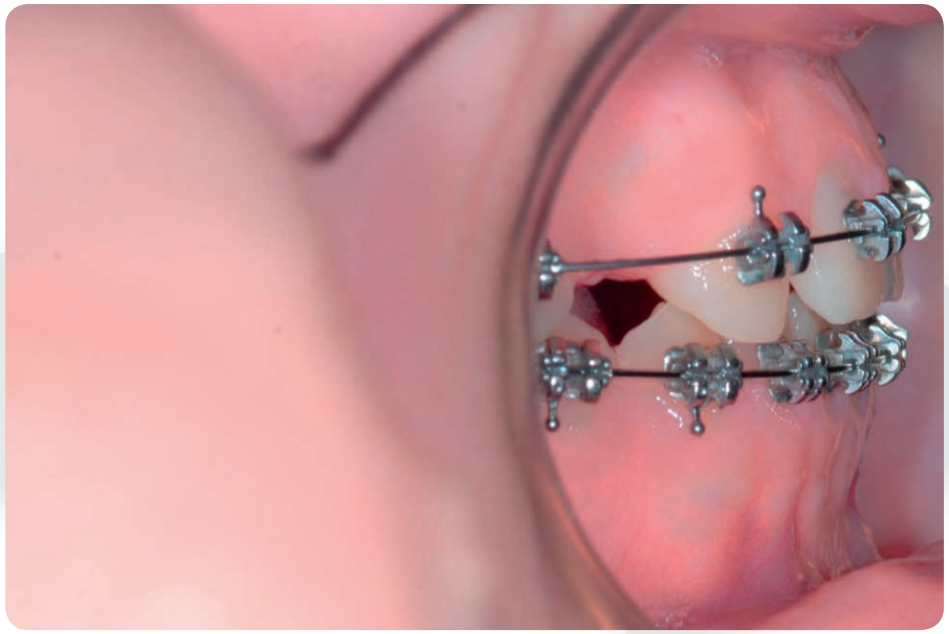
Patient traité en 12 mois:
- 6 mois par le système Pendulum B
- 6 mois par multi-attaches

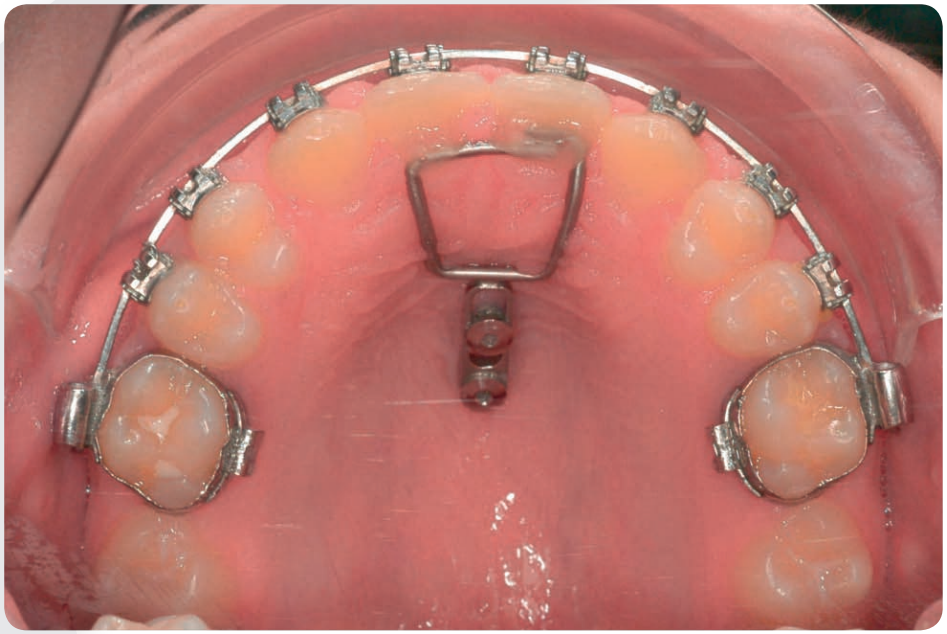
Anterior anchorage, T-bow

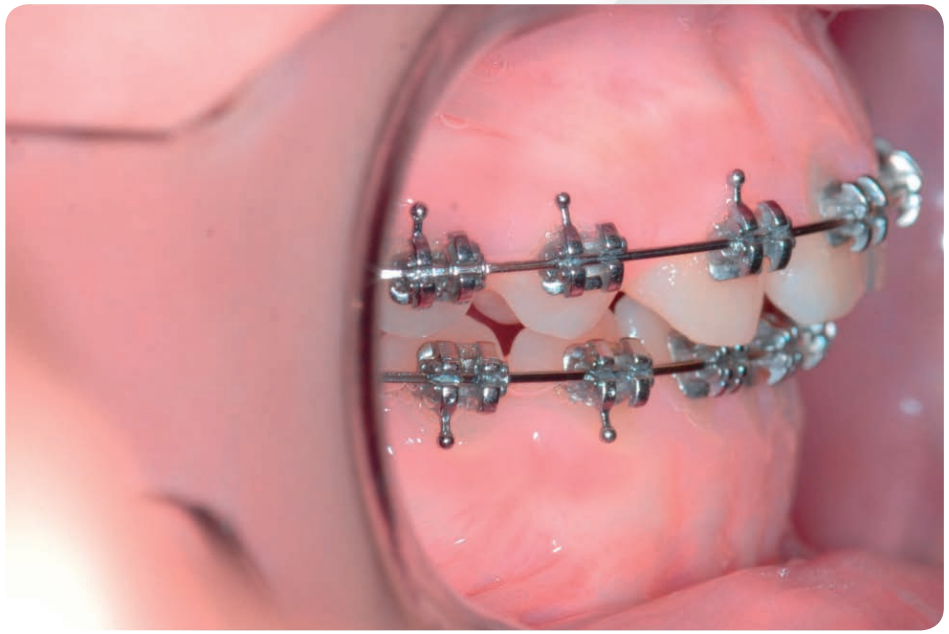
Système T-Bow: Ancrage antérieur

Prof. Dr. Benedict Wilmes, Düsseldorf, Germany



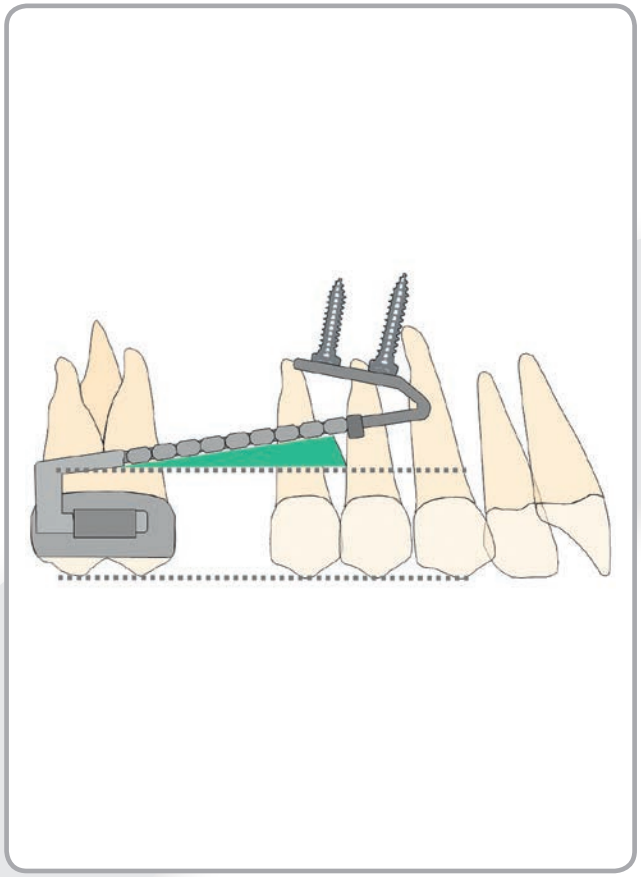






Mesialslider with an inclined plane for simultaneous molarsintrusion

Mesialslider avec un plan incliné pour molairesintrusion simultanée



LITERATURE – *PUBLICATIONS*:

Wilmes B, Katyal K, Willmann J, Stocker B, Drescher D. Mini-implant-anchored Mesialslider for simultaneous mesialisation and intrusion of upper molars in an anterior open bite case: a three-year follow-up. Aust Orthod J 2015;31:87-97

Prof. Dr. Benedict Wilmes, Düsseldorf, Germany

beneplates

BENEplate for mesialization

BENEplate système de mésialisation

(33-54541)
Mobilizer with hook
Ecrou d'activation mobile

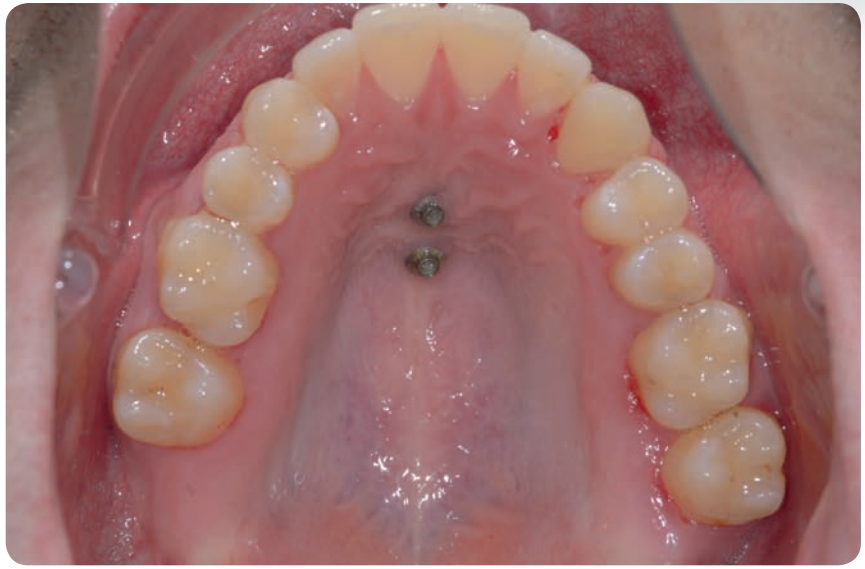
(33-54539)
Mesialtube
Tube mesial

(33-54495 soft / faible / 33-54496 medium / moyen
33-54497 strong / fort)
Niti spring
Ressort d'activation en nickel titane

LITERATURE – *PUBLICATIONS*:

Wilmes B, Nienkemper M., Drescher D. A miniplate system for improved stability of skeletal anchorage. J Clin Orthod 2009; 43:494-501
Wilmes B, Nienkemper M, Nanda R, Lübberink G, Drescher D. Palatally anchored maxillary molar mesialization using the Mesialslider. J Clin Orthod 2013.47:172-79



LITERATURE – *PUBLICATIONS*:

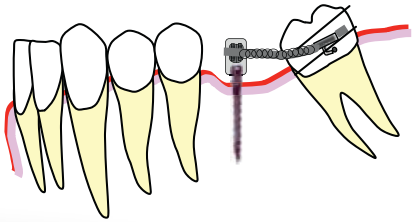
Wilmes B, Nanda R, Nienkemper M, Ludwig B, Drescher D. Correction of upper-arch asymmetries using the Mesial-Distalslider. J Clin Orthod. 2013 ;47:648-55

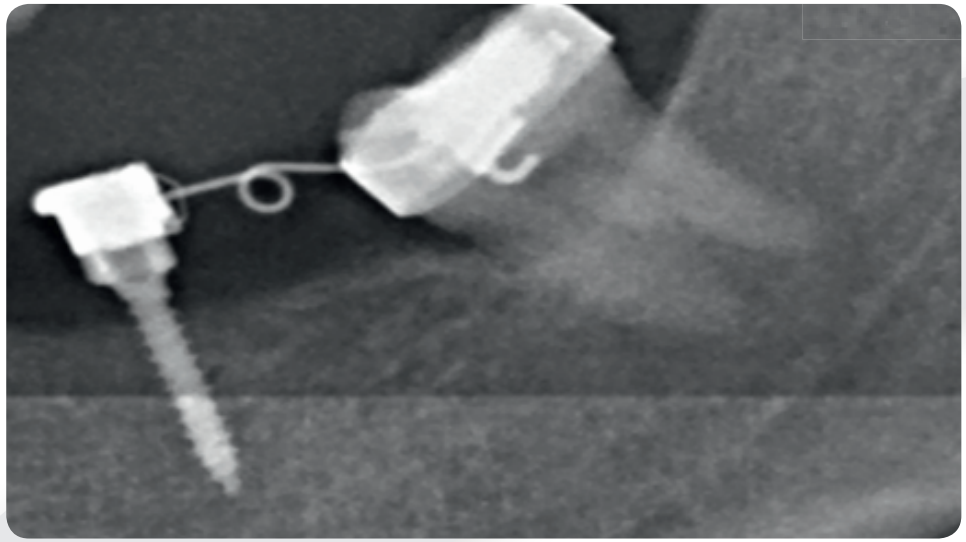
Molar uprighting
Système de redressement d'axes des Molaires

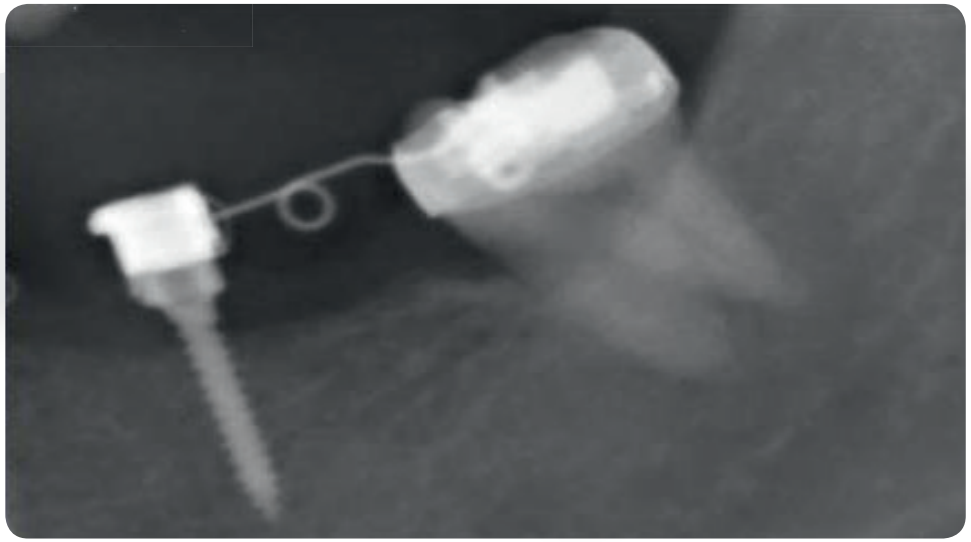
Prof. Dr. Benedict Wilmes, Düsseldorf, Germany

33-54450

33-54452







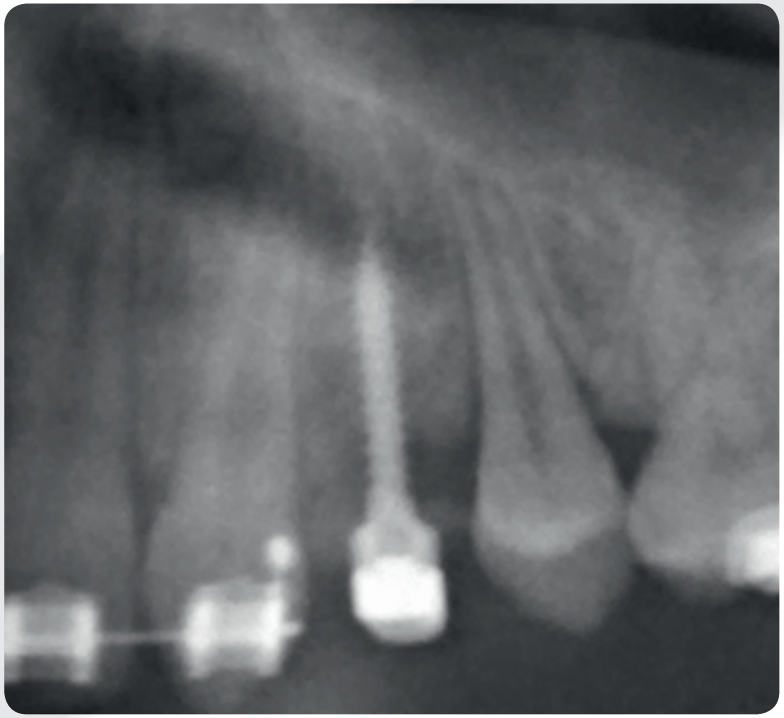
LITERATURE – *PUBLICATIONS*:

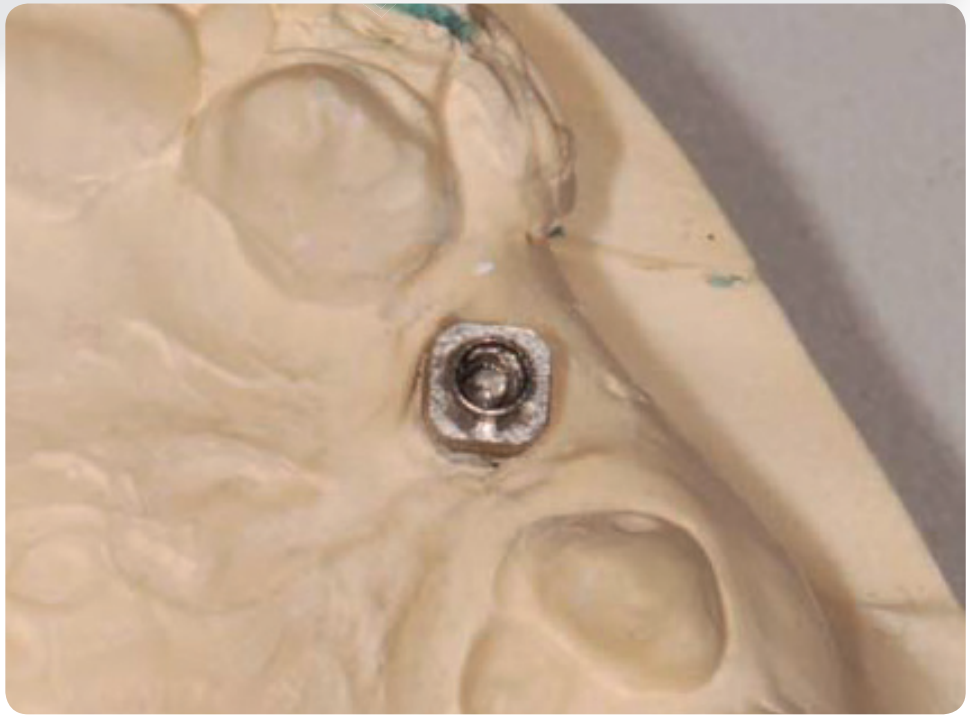
Nienkemper M,·Wilmes B,·Pauls A, Drescher D. Preprosthetic molar uprighting using skeletal anchorage. J Clin Orthod 2013, 47:433-7

(33-54430)
Abutment Standard
Ecrou de fixation standard

or
ou

(33-54466)
Abutment Peek
tête d'écrou pour implant temporaire





LITERATURE – *PUBLICATIONS*:

Wilmes B, Nienkemper M, Renger S, Drescher D. Mini-implant-supported temporary pontics. J Clin Orthod. 2014;48:422-9

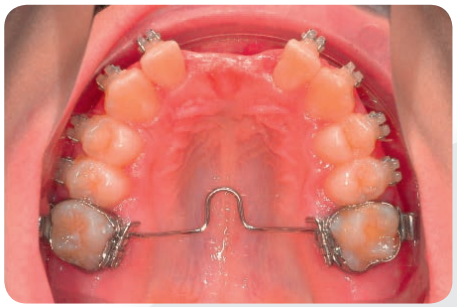
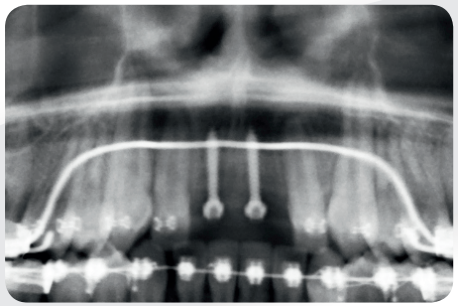
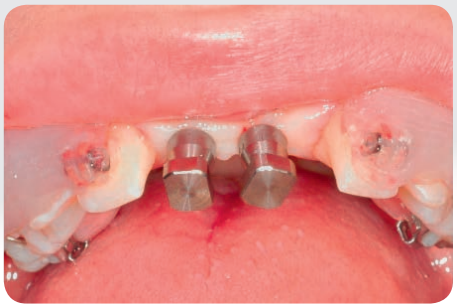
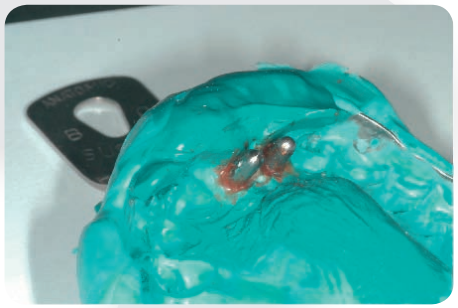
Temporary pontic
Système d'implant dentaire temporaire

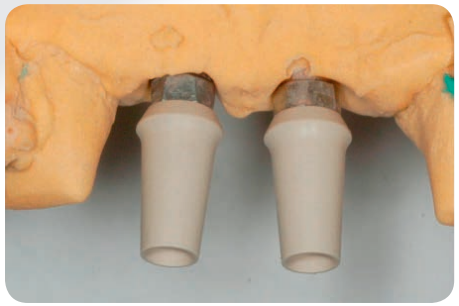
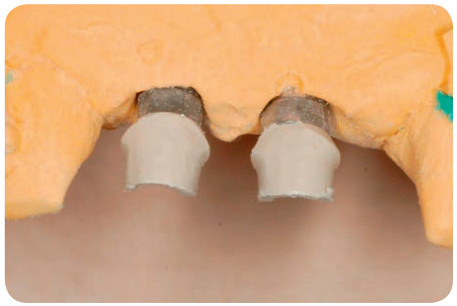
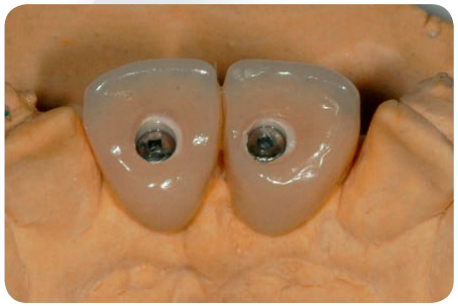
Prof. Dr. Benedict Wilmes, Düsseldorf, Germany

(33-54466)

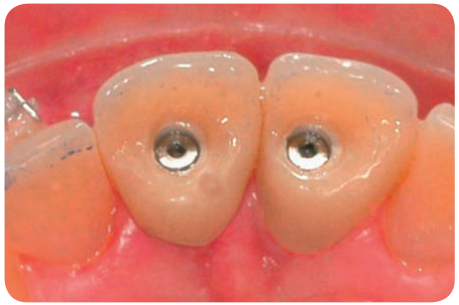
BENEfit® Peek Abutment, incl. 1 fixation screw

BENEfit® *Tête conique (1 pièce) avec vis de fixation (1 pièce)*

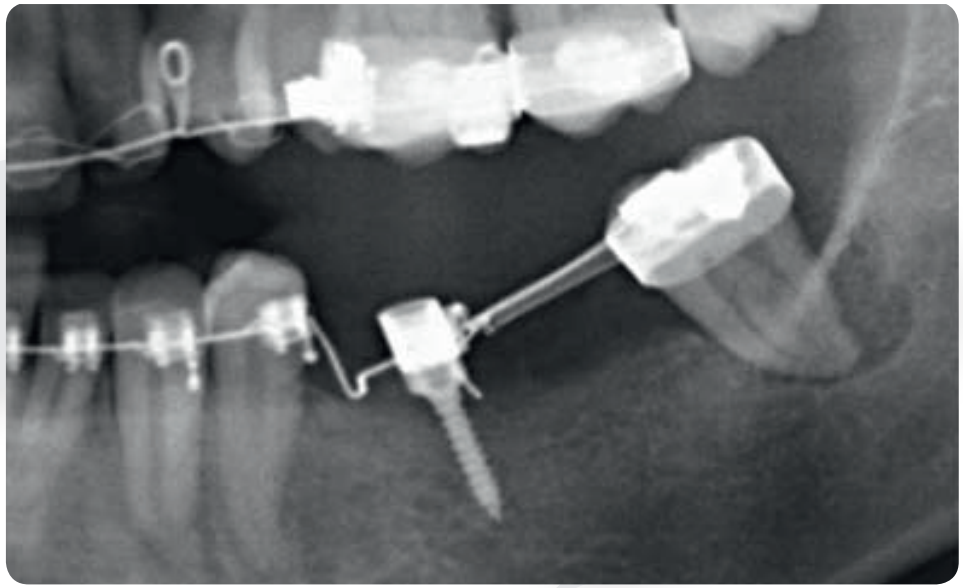





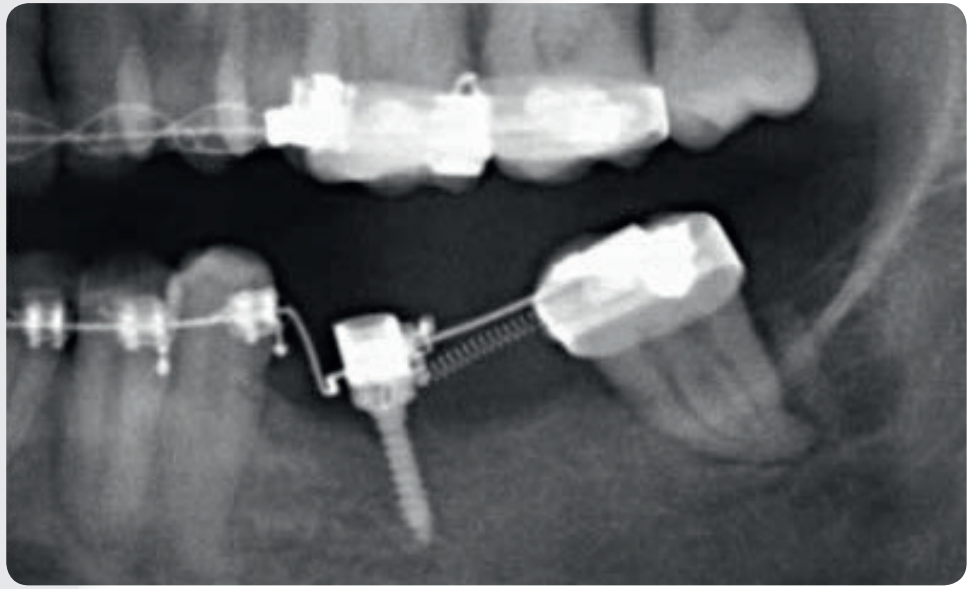






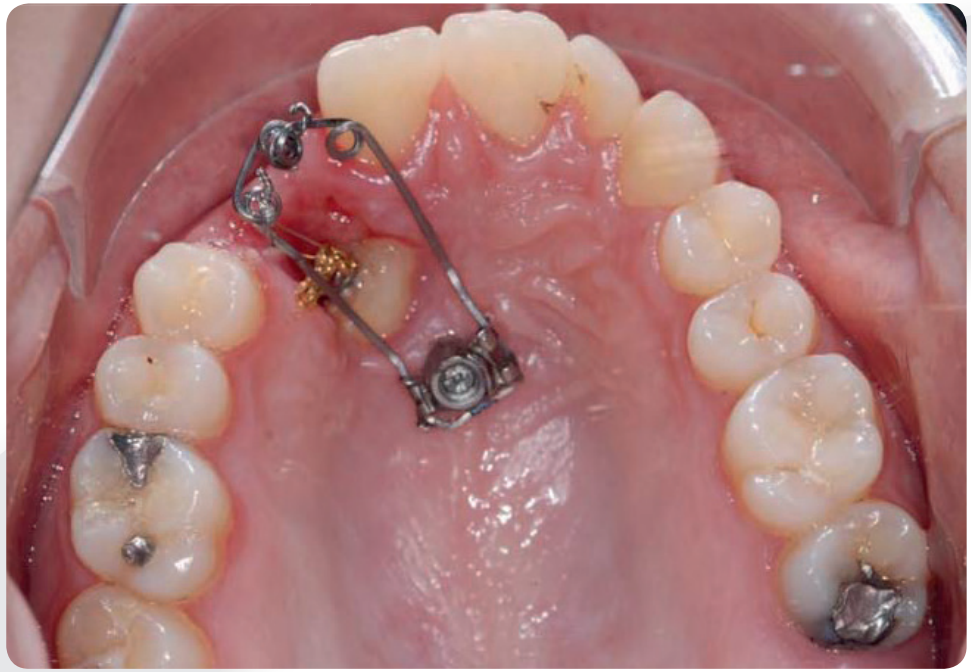


"Bridge technique"
Méthode dite du "Bridge Technique"





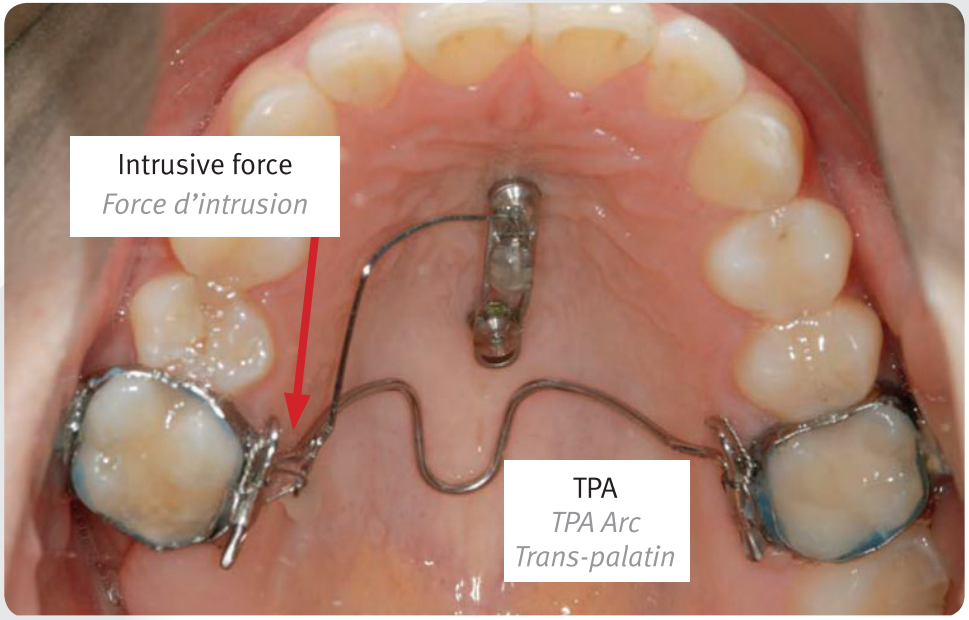
Bracket-Abutment TMA-Wire 16/22”
Ecrou de fixation pour mini-implant à double bracket. (reçoit des arcs en TMA 16x22)



LITERATURE – *PUBLICATIONS*:

Nienkemper M, Wilmes B, Ludwig B, Lübberink G, Drescher D. Extrusion of impacted teeth using mini-implant-borne mechanics. J Clin Orthod.2012;46: 150-155

(95-13012)
Model Mouse Trap Intrusion
Modèle de présentation du système "Mouse trap"



LITERATURE – *PUBLICATIONS*:

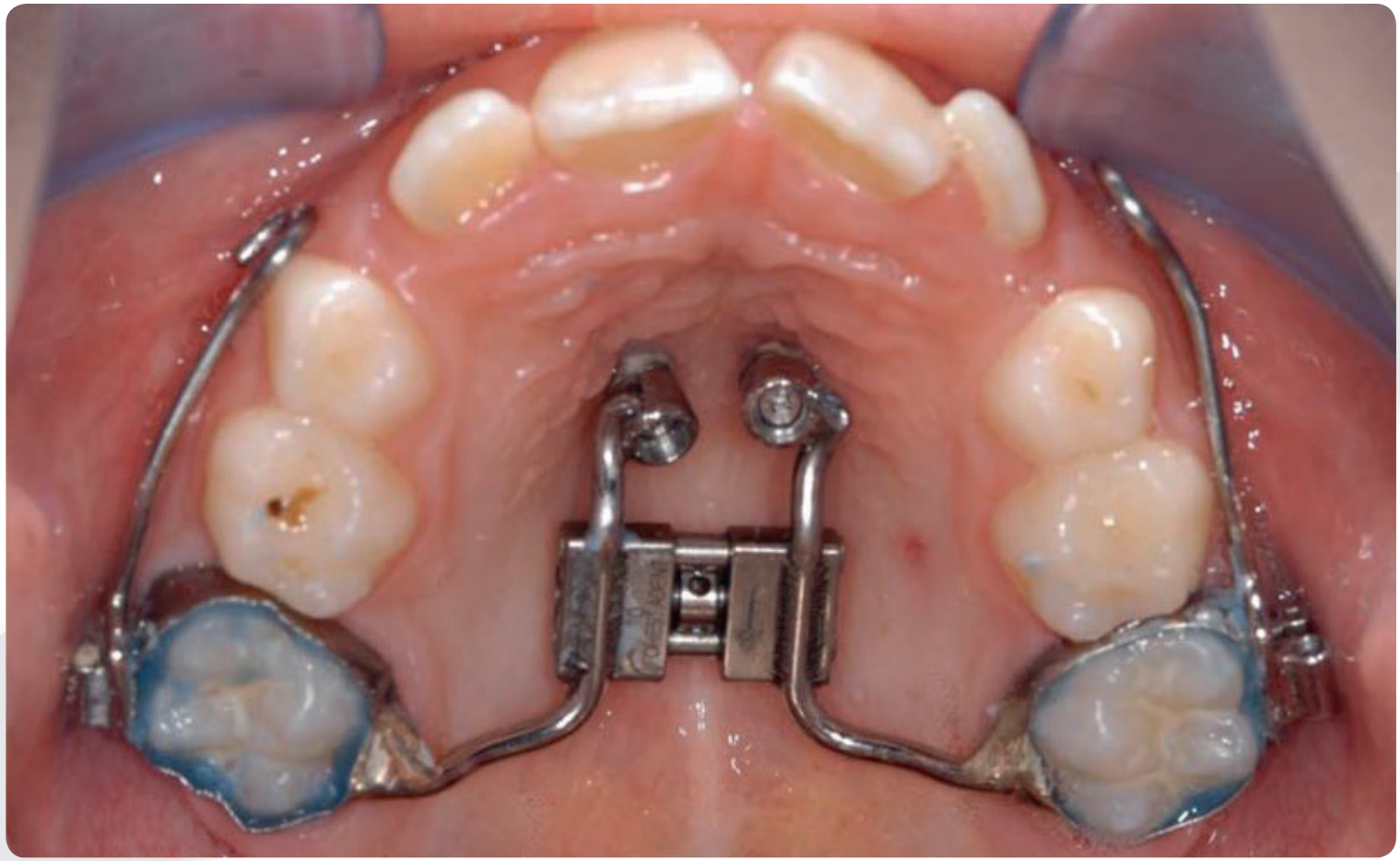
Wilmes B, Nienkemper M, Ludwig B, Nanda R, Drescher D. Upper-Molar Intrusion Using Anterior Palatal Anchorage and the Mousetrap Appliance. J Clin Orthod 2013.47:314-20

Peridontal distraction of ankylosed teeth
Distraction des dents ankylosées

Prof. Dr. Benedict Wilmes, Düsseldorf, Germany

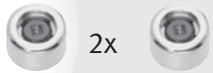
LITERATURE – *PUBLICATIONS*:

Wilmes B., Drescher D., Vertical Periodontal Ligament Distraction – a New Method for Aligning Ankylosed and displaced Canines.
J Orofac Orthop. 2009; 70:213-223



2x

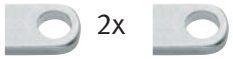
BENEfit 2.0 Screw, 9 mm
Mini Implant BENEfit 2.0, 9 mm



2x

(33-54463)
Tête d'implant pour Hyrax
Hyrax Pilastro

or
ou



2x

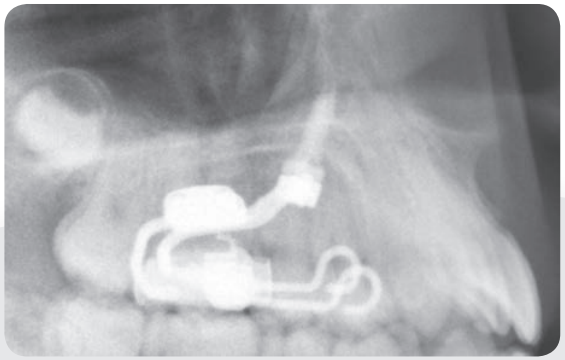
(33-54462)
Anneau pour Hyrax
Hyrax Ring

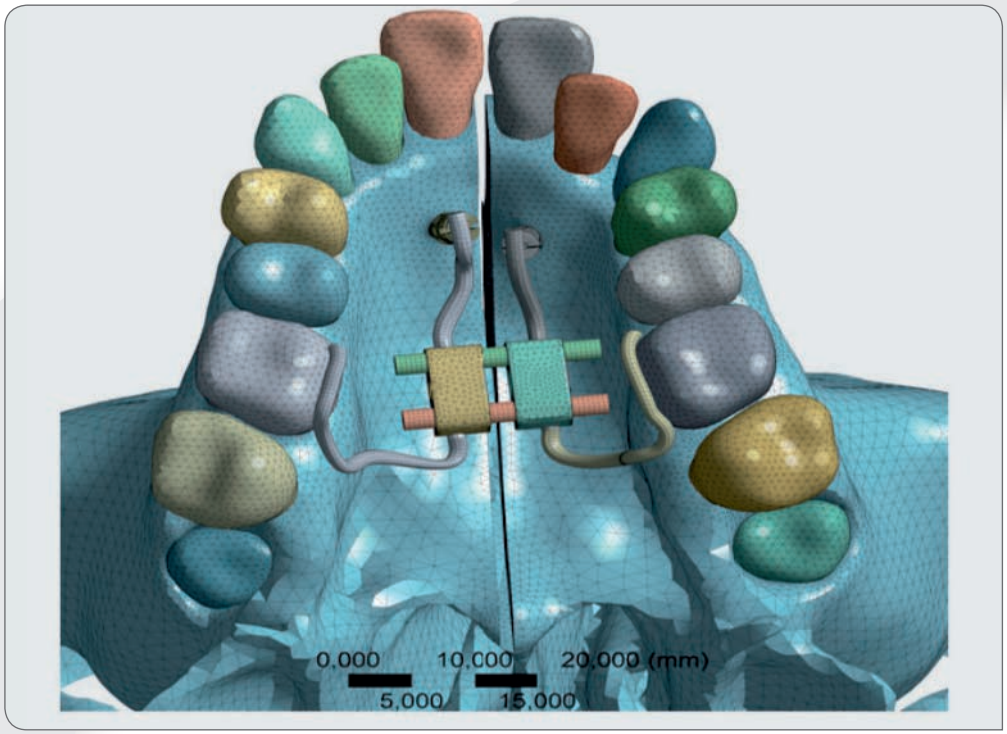
LITERATURE – *PUBLICATIONS*:

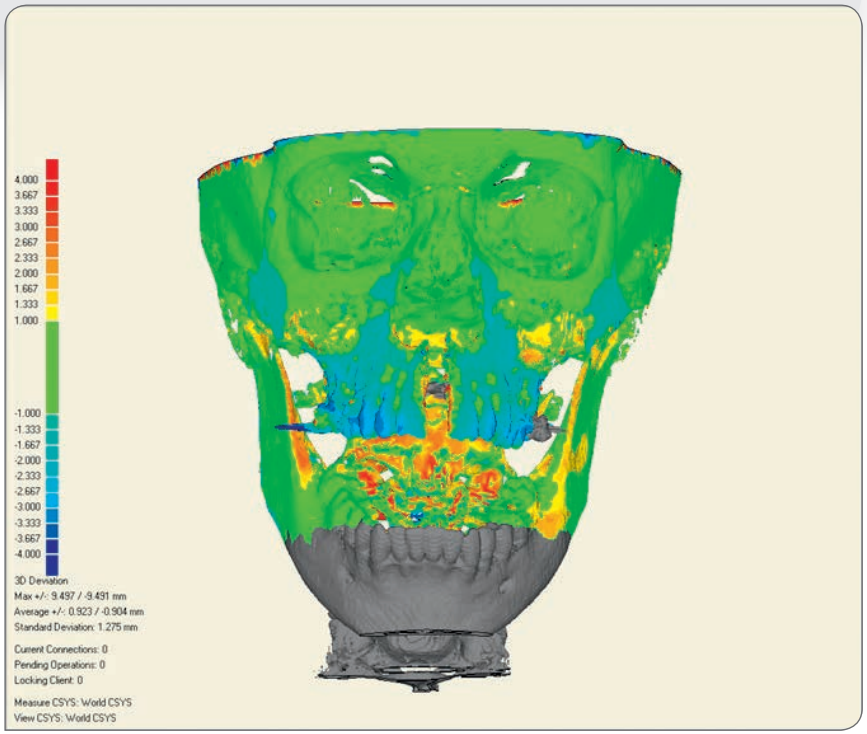
Wilmes B, Fields of Application of Mini-Implants. In: Ludwig, Baumgaertel, Bowman: Mini-Implants in orthodontics. Innovative anchorage concepts. London, Berlin etc. Quintessence. 2008: 91- 122
Wilmes B, Nienkemper M, Drescher D. Application and effectiveness of a new miniimplant and tooth-borne rapid palatal expansion device. World J Orthod. 2010
Nienkemper M, Wilmes B, Franchi L, Drescher D. Effectiveness of maxillary protraction using a hybrid hyrax-facemask combination: A controlled clinical study. Angle Orthod. 2014

Goal 1: Less tipping of the teeth
→ Cranial force application

Goal 1: diminution d'inclinaison des dents
→ *Application de la force cranial*

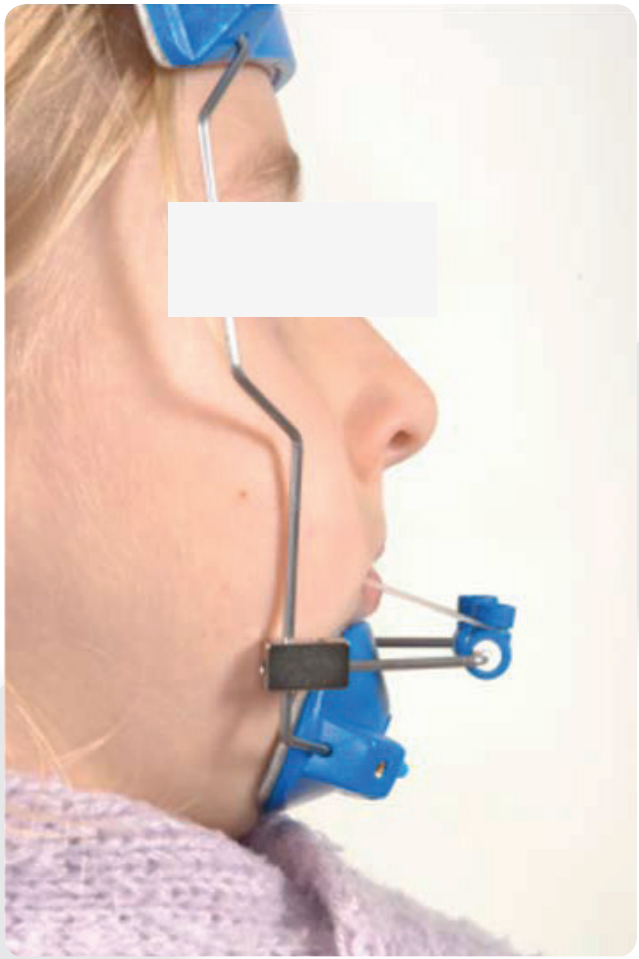




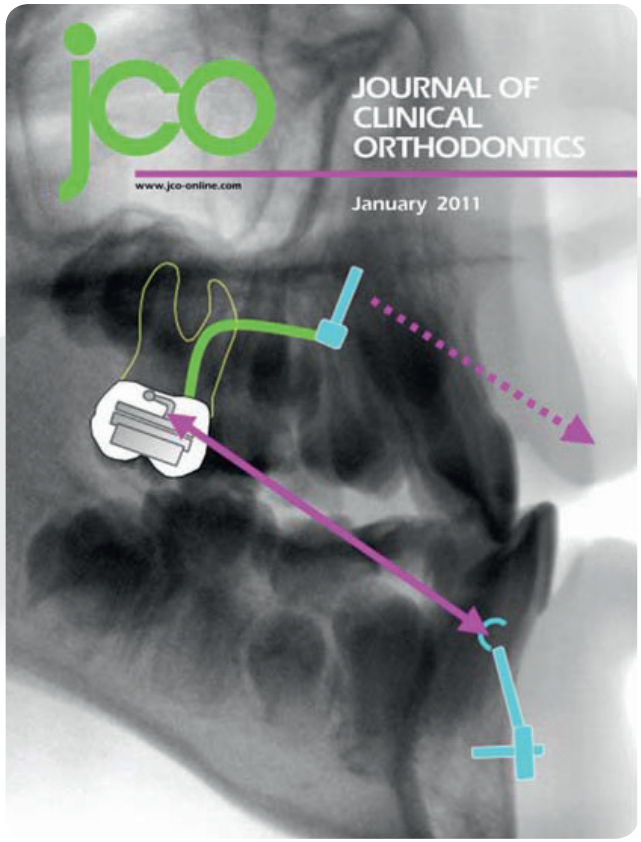


LITERATURE – *PUBLICATIONS*:

Ludwig B, Baumgaertel S, Kinzinger G, Zorkun B, Glasl B, Wilmes B. Application of a new visco-elastic FEM-Model and analysis of miniscrew supported Hybrid-Hyrax treatment. Am J Orthod Dentofacial Orthop 2013



Intraoral alternative?
Une alternative aux traitements intra-oraux?



LITERATURE – *PUBLICATIONS*:

Wilmes B, Kau CH, Ludwig B, Drescher D. Early Class III Treatment with a Hybrid Hyrax-Mentoplate Combination J Clin Orthod, 45:1-7

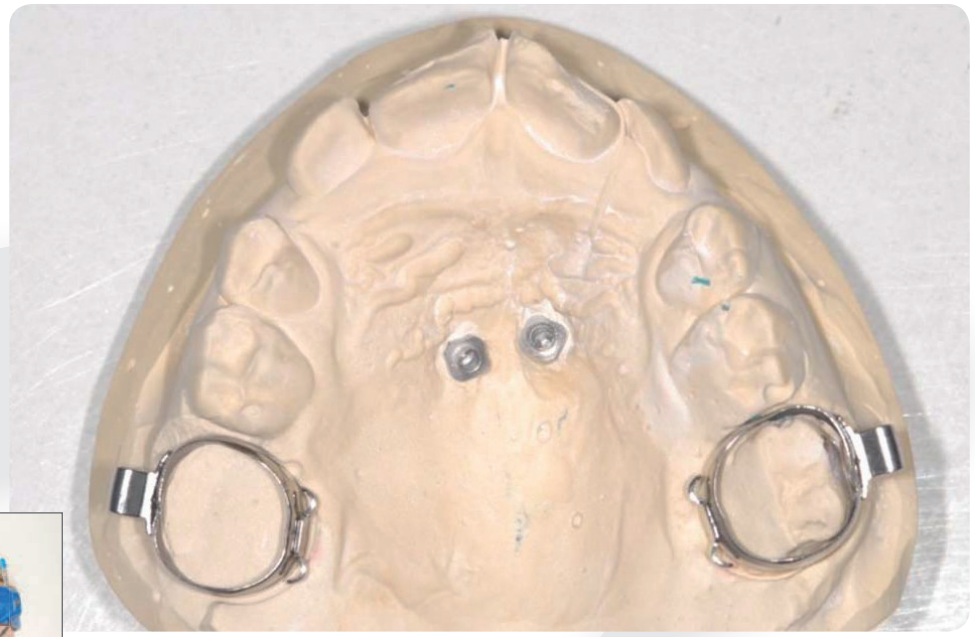
LITERATURE – *PUBLICATIONS*:

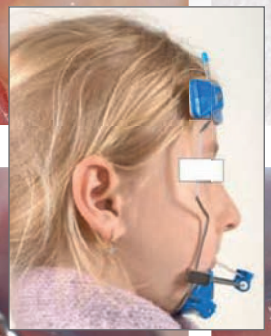
Ludwig B, Glasl B, Bowman J, Drescher D, Wilmes B. Miniscrew supported Class III Treatment with the Hybrid RPE Advancer. J Clin Orthod 2010; 44:533-539
Nienkemper M, Wilmes B, Pauls A, Drescher D. Maxillary protraction using a hybrid hyrax - face-mask combination. Prog Orthod 2013;14:5

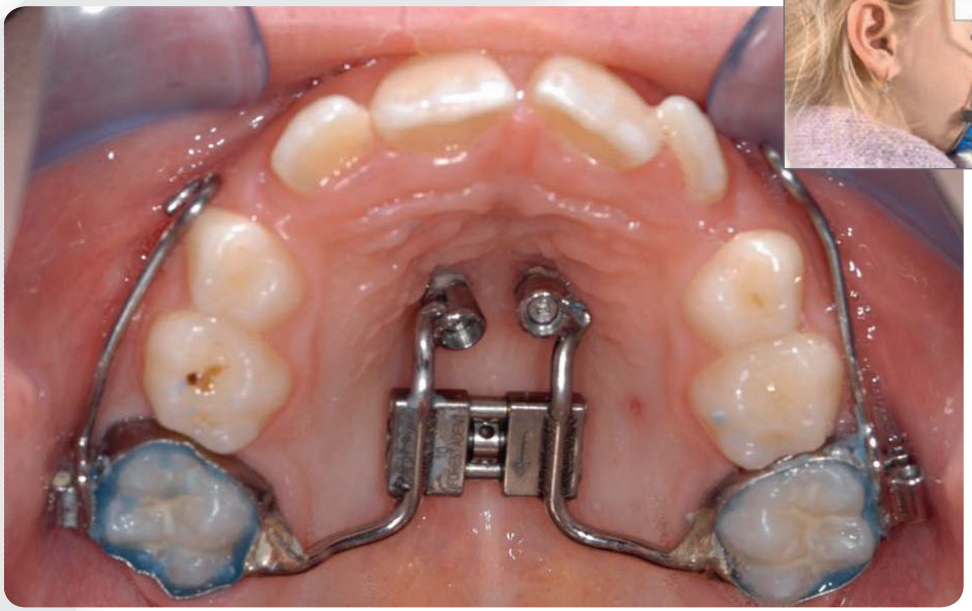
Goal 2: Avoid mesial migration when using a facemask
Goal 2: Eviter la migration mésiale lorsque vous utilisez un masque facial

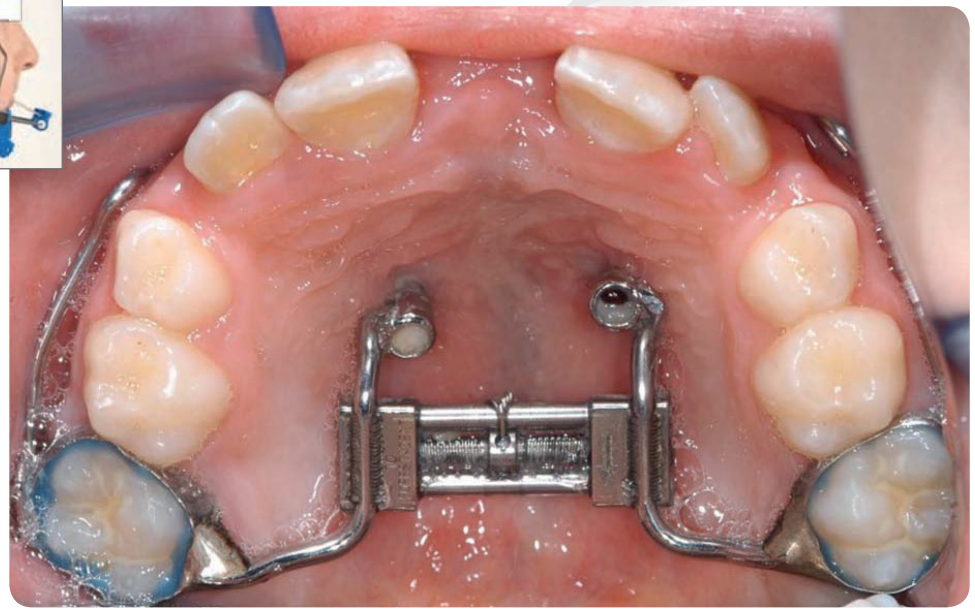
Hybrid-Hyrax
Hyrax Hybride

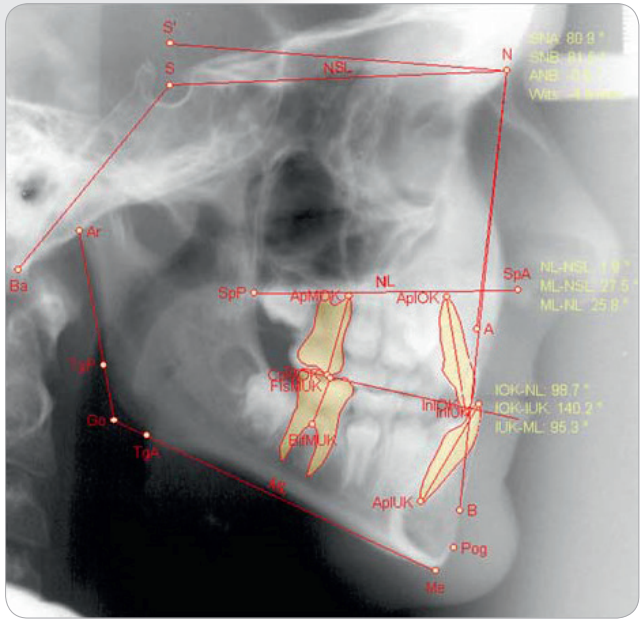
Prof. Dr. Benedict Wilmes, Düsseldorf, Germany







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ApMDK
NL
ApIOK
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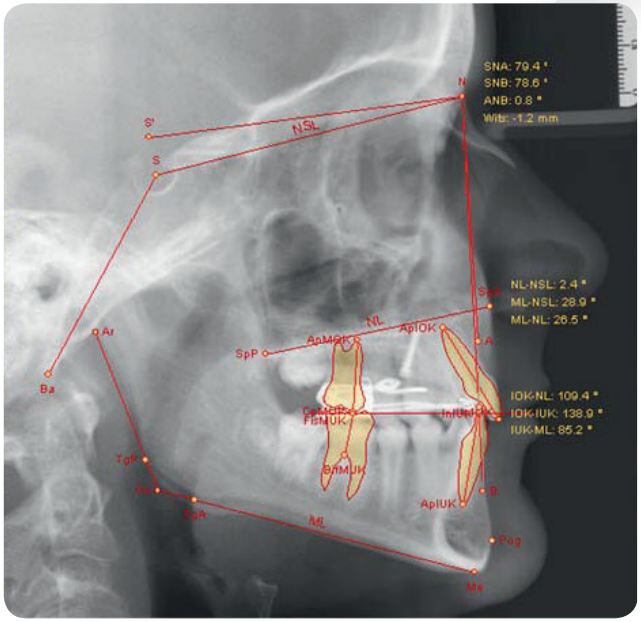
ApIUK
B
Pog
SNA: 80.9 °
ANB: 4.0 °
NL-NSL: 1.9 °
ML-NSL: 27.5 °
ML-NL: 25.8 °
IOK-NL: 98.7 °
IOK-IUK: 140.2 °
IUK-ML: 95.3 °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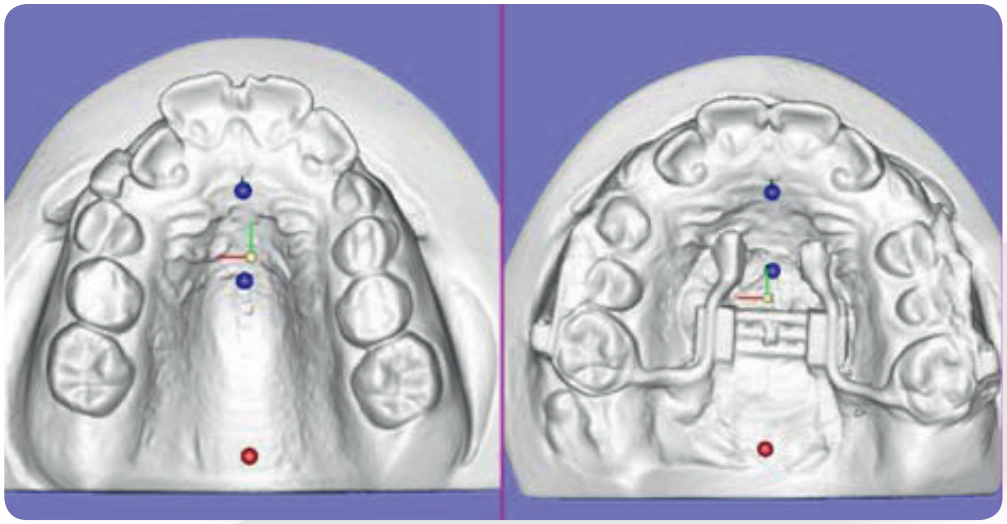
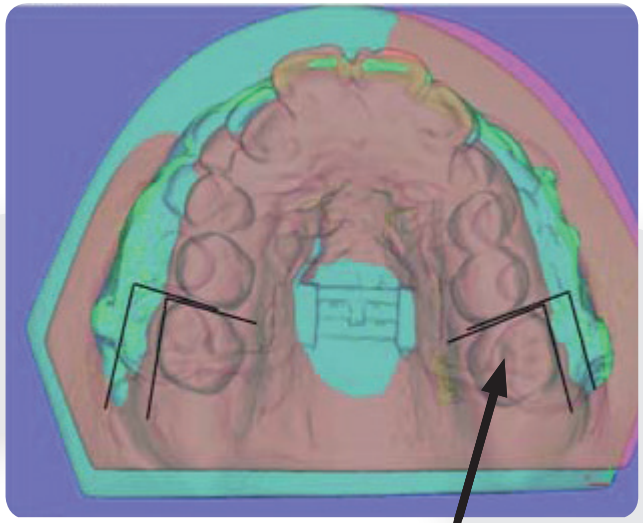
SNB: 78.6 °
ANB: 0.8 °
Witts: -1.2 mm
NL-NSL: 2.4 °
ML-NSL: 28.9 °
ML-NL: 26.5 °
IOK-NL: 109.4 °
IOK-IUK: 138.9 °
IUK-ML: 85.2 °

Hybrid-Hyrax / Facemask
Hyrax Hybride et Masque facial

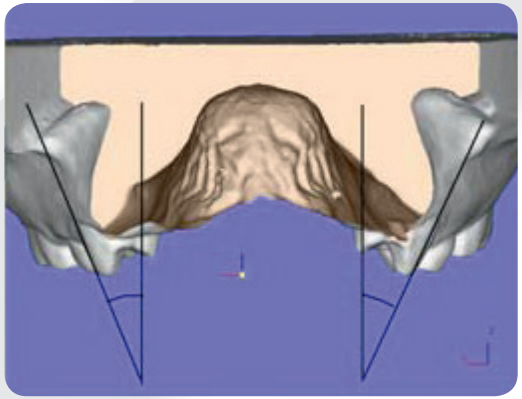
Prof. Dr. Benedict Wilmes, Düsseldorf, Germany





Less mesial migration using a facemask

Réduit la migration mésiale grâce au masque facial



Less tipping

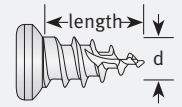
Réduit le risque de version

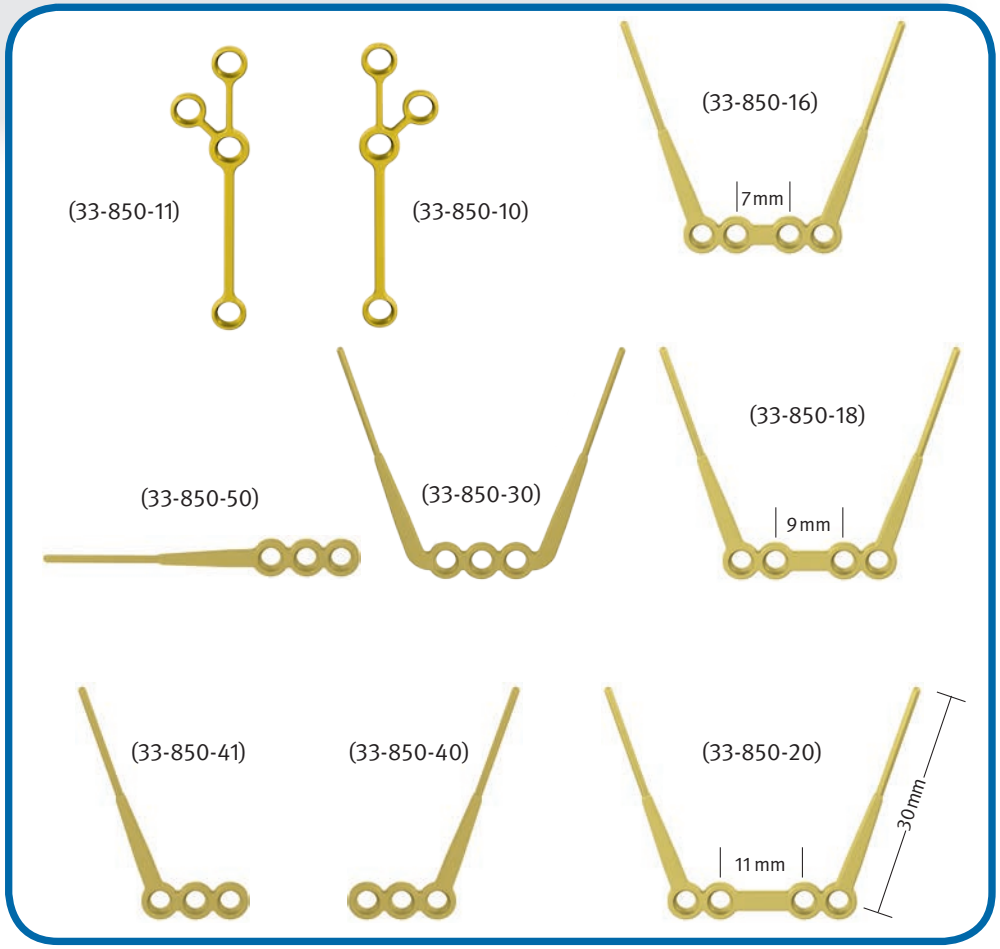
LITERATURE – *PUBLICATIONS*:

Wilmes B, Nienkemper M, Drescher D. Application and effectiveness of a new mini-implant and tooth-borne rapid palatal expansion device. World J Orthod. 2010

Abmessung (d x length)
Dimensions (Diamètre x longueur)

2.0	33-820-04	2.0 x 4 mm
	33-820-05	2.0 x 5 mm
	33-820-07	2.0 x 7 mm
	TX Bone Screw 2.0 mm TX Vis pour fixation dans l'os 2,0 mm	

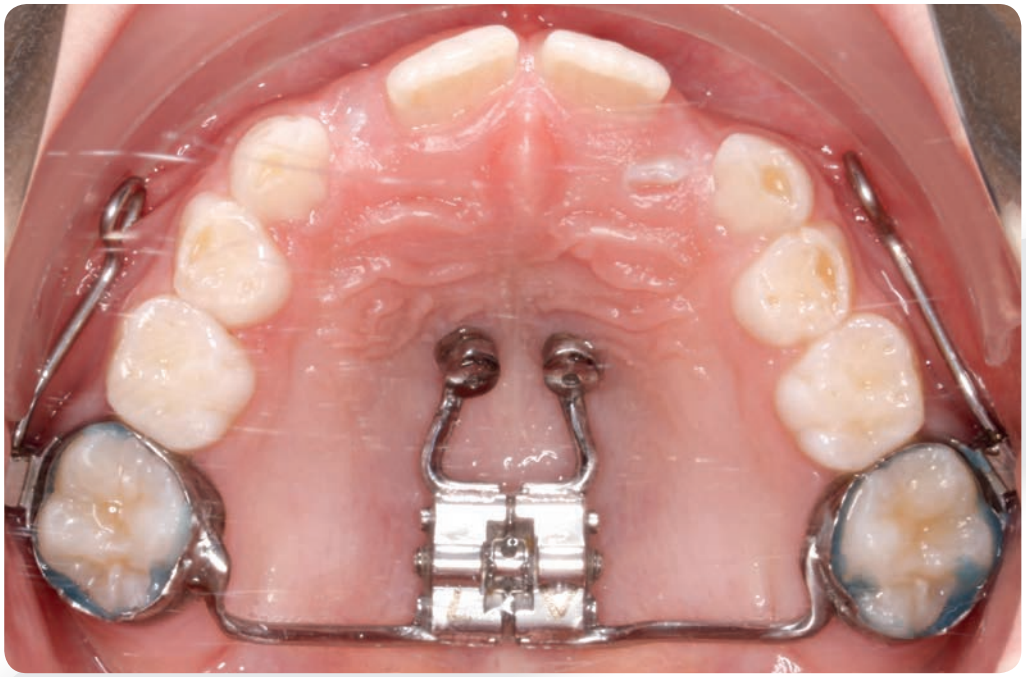


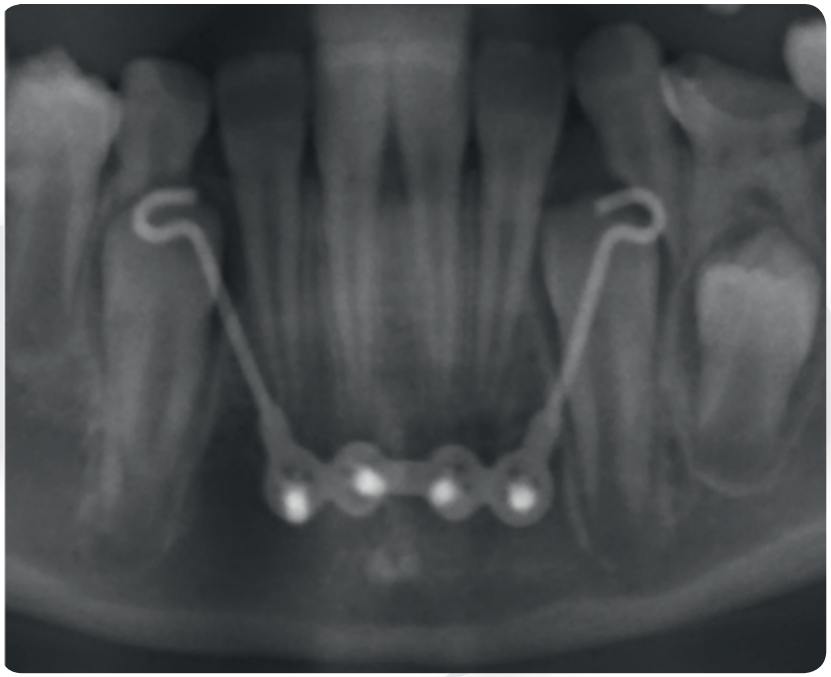


Hybrid-Hyrax and MentoPlate

Hyrax Hybride et MentoPlate

Prof. Dr. Benedict Wilmes, Düsseldorf, Germany





Face mask no longer necessary

Advantages:

– The MentoPlate can be inserted before eruption of the canines we can start at the age of 8 years
– Loosening of the midface sutures (RPE effect)
– Low risk of root injury

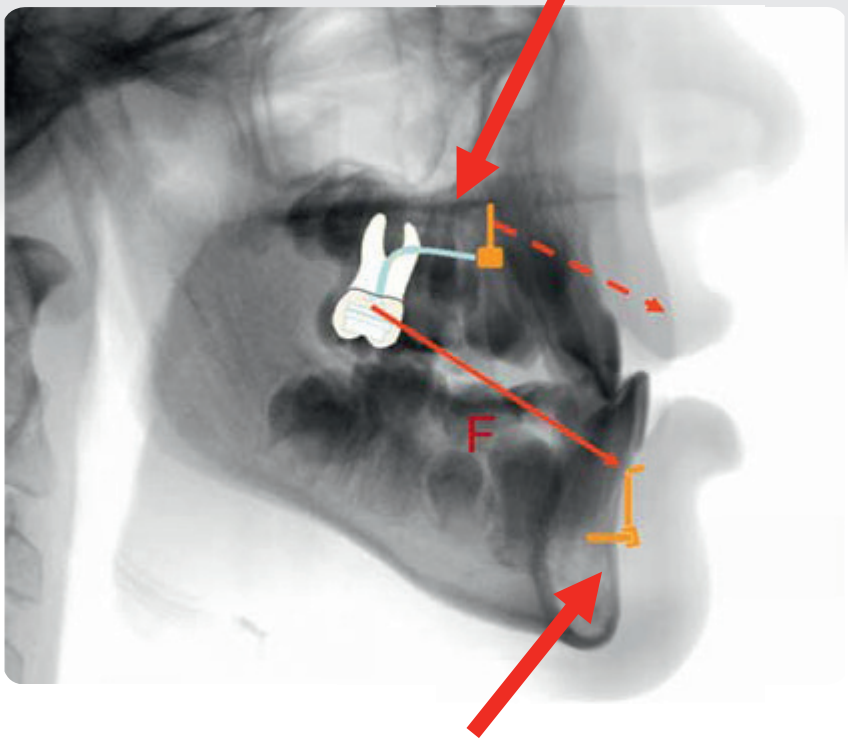
Masque facial n'est plus nécessaire

Avantages:

– *La Mentoplate peut être mise en place en amont de l'éruption des canines, possibilité de démarrage du traitement dès 8 ans*
– *Action sur la suture palatine grâce a l'effet RPE*
– *Faible risque de blessure à la racine*

LITERATURE – *PUBLICATIONS*:

Wilmes B, Nienkemper M, Ludwig B, Kau CH, Drescher D. Early Class III Treatment with a Hybrid Hyrax-Mentoplate Combination. J Clin Orthod 2011; 45:1-7



Hybrid-Hyrax
Hyrax Hybride

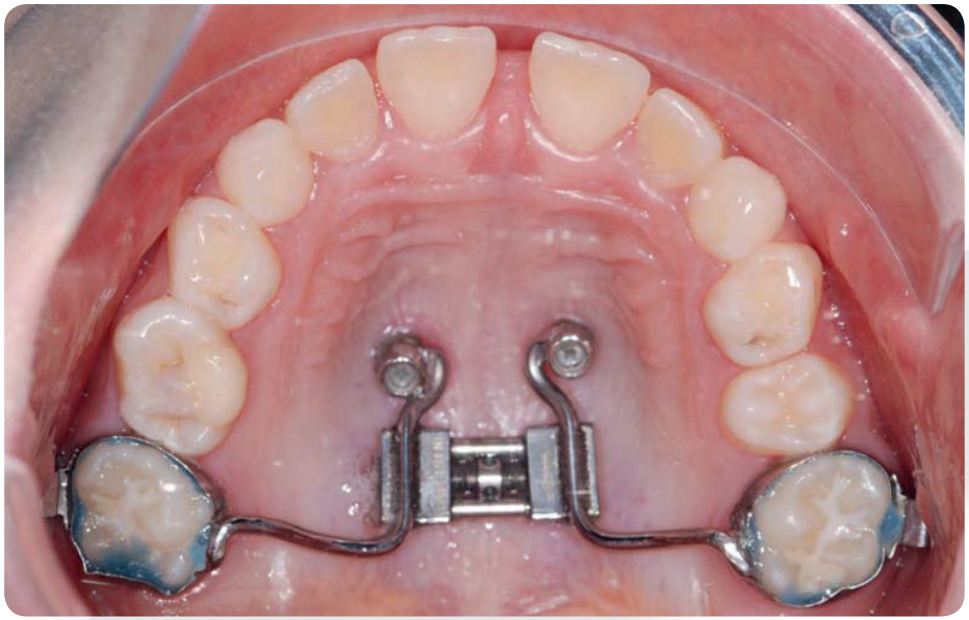
MentoPlate
MentoPlate

LITERATURE – *PUBLICATIONS*:

Wilmes B, Nienkemper M, Ludwig B, Kau CH, Drescher D. Early Class III Treatment with a Hybrid Hyrax-Mentoplate Combination. J Clin Orthod 2011; 45:1-7

Hybrid-Hyrax and MentoPlate
Hyrax Hybride et MentoPlate

Prof. Dr. Benedict Wilmes, Düsseldorf, Germany



5 months later

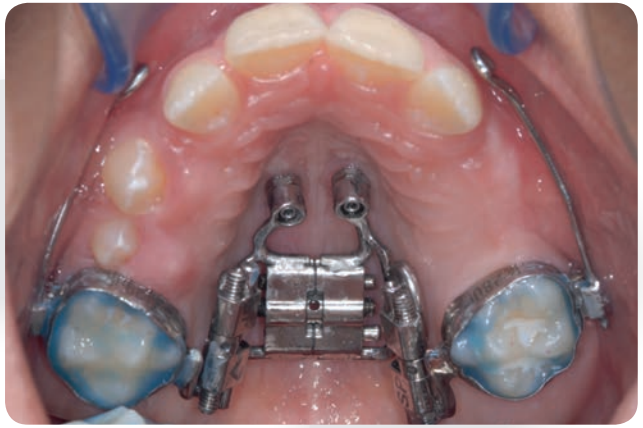
Après 5 mois

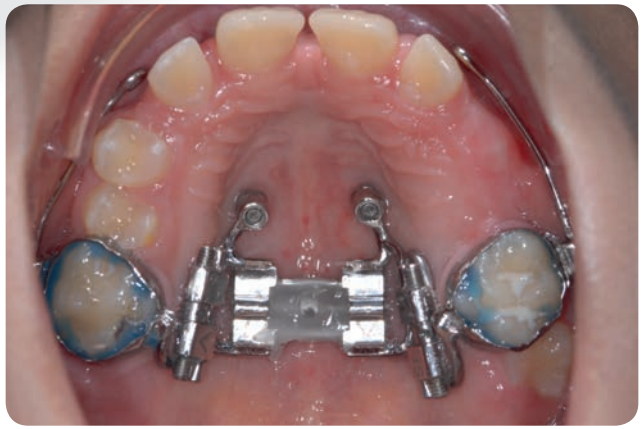
Hybrid-Hyrax Distalizer
Hyrax Hybride et Distaliseur

Prof. Dr. Benedict Wilmes, Düsseldorf, Germany

Before
Avant

Afterwards
Après





LITERATURE – *PUBLICATIONS*:

Wilmes B, Ludwig B, Katyal V, Nienkemper M, Rein A, Drescher D. The Hybrid Hyrax Distalizer, a new all-in-one appliance for rapid palatal expansion, early class III treatment and upper molar distalization. J Orthod. 2014;41:47-53

-› Less failures
Réduit les risques d'échec

-› Safer mechanics
Mécanique sûre et éprouvée.

benefit

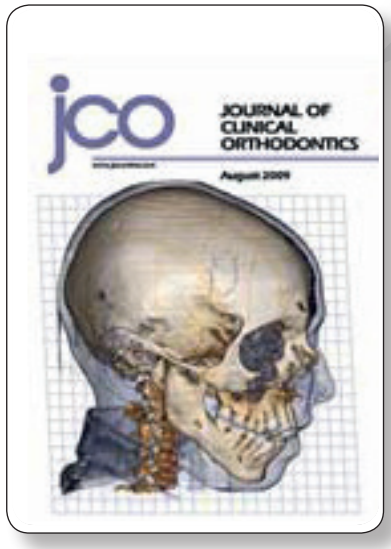
Benefit-System

„A Breakthrough in Miniscrew Stability"

Robert G. Keim, Editor JCO

The Editor's Corner J Clin Orthod 2009.43;485-386

www.uniklinik-duesseldorf.de/kieferorthopaedie



Keim: The Editor's Corner

A Breakthrough in Miniscrew Stability

As with all other practical innovations in orthodontics, temporary anchorage devices (TADs) have involved a significant learning curve. Although Creekmore and Eklund's seminal paper on skeletal anchorage appeared in JCO more than 25 years ago,1 it remained on the fringes of the profession until around the turn of the century, when the concept took off like a rocket. Since then, paper after paper has illustrated successful treatment of most categories of malocclusion... [more]
Access to the Editor's Corner ar free. For more free articles click here

August 2009 corner: This month's cover features a 30 volume rendering of a CT scan using software from Anatomage, Icc, as described in The Cutting Edge.

sterile

2.0

33-54207	2.0 x 7 mm
33-54209	2.0 x 9 mm
33-54211	2.0 x 11 mm
33-54213	2.0 x 13 mm
33-54215	2.0 x 15 mm

BENEfit® Orthodontic Screw 2.0 mm
BENEfit® mini-implant 2.0 mm

sterile

2.3

33-54307	2.3 x 7 mm
33-54309	2.3 x 9 mm
33-54311	2.3 x 11 mm
33-54313	2.3 x 13 mm
33-54315	2.3 x 15 mm

BENEfit® Orthodontic Screw 2.3 mm
BENEfit® mini-implant 2.3 mm

For the complete *BENEfit* product range please consult our *BENEfit* product flyer KAT-002.
Pour la gamme complète des dispositifs *BENEfit*, merci de consulter notre brochure KAT-002.

BENEslider

33-54599	**BENEslider Set 240 gr. complete consisting of:** **BENEslider Kit 240 gr. complet de démarrage:**
33-54409	BENEplate short, with 1.1 mm wire, incl. fixation screws BENEplate court sur arc 1.1mm; Kit d'une plaque et deux vis
33-54540	Mobilizer for wires from 0.5 to 1.2 mm, 2 ea. Ecrou mobile d'activation (pour arcs de 0,5mm à 1,2mm), Kit de 2
33-54524	BENEslider springs, 240 gr., 2 ea. BENEslider ressorts, 240grs., Kit de 2
33-54535	BENEslider Hook lock, 2 ea. BENEslider Tube standard à crochet pour foureaux, Kit de 2
33-54597	as 33-54599 but with **500 gr.** springs identique au kit 33-54599 mais avec ressorts **500gr.**

NEW!

73-31960 QB

quattro®/BENEfit® Sterilization tray for instruments and implants, empty
quattro®/BENEfit® Support pour stérilisation des instruments et implants, vendu vide

NEW!

33-54100 QB

quattro®/BENEfit® Instrument Set
quattro®/BENEfit® Kit d'instrumentation

33-54460 1.1 stainless steel

Abutment Standard with 1.1 mm wire (12 cm)
Ecrou de fixation standard sur arc 1,1 mm (longueur de l'arc 12cm)

NEW!

33-54445

BENEfit® Abutment with slot
BENEfit® Ecrou de fixation avec gorge

NEW!

33-54463

BENEfit® Hyrax Abutment
Tête d'implant ***BENEfit®*** pour Hyrax

33-54535

BENEtube, Standard, 2 ea.
BENEtube, Standard, Kit de 2

33-54536

BENEtube, large, 2ea
BENEtube, large, Kit de 2

33-54524 240 g
33-54525 500 g

BENEslider NiTi springs, 2 ea.
BENEslider Ressorts d'activation, Kit de 2

33-54425

BENEfit® laboratory analog
BENEfit® implant de transfert pour travail sur moulages

33-54540

Mobilizer for wires from 0.5 to 1.2 mm
Vis d'activation pour arcs de 0,5 à 1,2 mm

33-54410

BENEfit® impression cap
BENEfit® tête de prise d'impression

33-54539

Mesialtube, with hook
Mesialtube, Tube mesial avec crochet

33-54541

Mobilizer with hook
Vis d'activation avec crochet

NEW!

33-54543

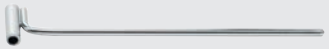
Micro Mobilizer for wires from 0.5 to 1.2 mm
MICRO-écrou mobile d'activation pour arcs de 0,5mm à 1,2mm

33-54430

BENEfit® Abutment Standard
BENEfit® écrou de fixation standard seul

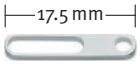
33-54450 Abutment mit | avec un bracket
33-54452 Abutment mit | avec deux bracket

BENEfit® Abutment with brackets
BENEfit® Ecrou de fixation avec brackets



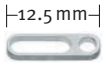
33-54544

BENEtube acc. to. Dr. Banach, with wire 1.1 mm, 40 mm, 2 ea.
BENEtube selon le Dr. Banach, sur fil 1.1 mm, longueur 40 mm, Vendu par 2.



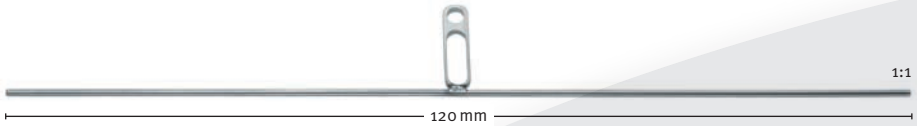
33-54400 stainless steel 1:1

***BENEplate*, long,** incl. fixation screws
***BENEplate*, long** avec écrous de fixation



33-54402 stainless steel 1:1

***BENEplate*, short,** incl. fixation screws
***BENEplate*, court** avec écrous de fixation



33-54429 1.1 stainless steel 1:1

***BENEplate*,** long, with 1.1 mm wire (12 cm), incl. fixation screws
BENEplate, long sur arc 1.1 mm (12 cm) avec écrous de fixation

33-54409 1.1 stainless steel 1:1

***BENEplate*,** short, with 1.1 mm wire (12 cm), incl. fixation screws
BENEplate, court sur arc 1.1 mm (12 cm) avec écrous de fixation

33-54428 0.8 stainless steel 1:1

***BENEplate*,** long, with 0.8 mm wire (12 cm), incl. fixation screws
BENEplate, long sur arc 0.8 mm (12 cm) avec écrous de fixation

33-54408 0.8 stainless steel 1:1

***BENEplate*,** short, with 0.8 mm steel wire (12 cm), incl. fixation screws
BENEplate, court sur arc 0.8 mm (12 cm) avec écrous de fixation

33-54407 1:1

BENEplate long, with bracket incl. fixation screws
BENEplate long avec bracket et écrous de fixation

33-54420 0.8 TMA 1:1

***BENEplate*,** short, with 0.8 mm TMA wire (12 cm), incl. fixation screws
BENEplate, court sur arc TMA 0.8 mm (12 cm) avec écrous de fixation

for 2.0 mm screws
Pour Mini Implants 2.0 mm

10-67513 QB DENTAL

Drill, 1.4 x 33 mm WL 15 mm, red
for 2.0 mm screws
Foret 1.4 x 33 mm, travaillant sur 15 mm, rouge, pour Mini Implants 2.0 mm

10-63025 QB

Manually turned unit for contra-angled handpieces
Manchon manuel pour contre-angle

33-54533

FlexiTube, 2 ea.
FlexiTube, 2 pièces

NEW!

33-54462

Hyrax Ring, incl. fixation screws, 2 ea.
Anneau de fixation pour Hyrax, Incluant les vis de fixation, 2 pièces

NEW!

33-54466

BENEfit Peek Abutment, 1 ea. incl. 1 fixation screw
Système ***BENEfit***: Tête d'écrou pour implant temporaire avec 1 vis de fixation

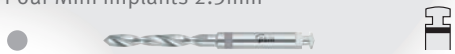
33-55000

BENEfit® Starter Instrument Set
BENEfit® Kit d'instrumentation

73-31990

BENEfit® Starter tray, empty
BENEfit® Support de démarrage, en plastique, vendu vide

for 2.3 mm screws
Pour Mini Implants 2.3 mm



11-18452 QB DENTAL

Drill, 1.8 x 28 mm WL 15 mm, grey
for 2.3 mm screws
Foret 1.8 x 28 mm, travaillant sur 15 mm, gris pour Mini Implants 2.3 mm

33-54704 QB

Manually turned unit mod. to Pauls, with adjustable torque from 0 – 40 Ncm
Manchon manuel selon Pauls avec vitesse de rotation adjustable de 0 à 40 Ncm

NEW!

33-18266 QB

Thumb screw for Dental mandrel with limited torque (10 Ncm)
Mandrin de vissage manuel à couple bridé à 10 Ncm

33-54403

Spare fixation screws, 2 ea.
Ecrous de fixation seuls, vendus par deux

95-13001

Model ***BENEslider***, mesial., distal.
Modèle de présentation du système ***BENEslider*** mesial-distal.

95-13002

Model Anchorage for upper Molars
Modèle de présentation du système d'ancrage maxillaire.

95-13003

Model Pendulum B
Modèle de présentation du système Pendulum B

95-13005

Model Molar uprighting
Modèle de presentation du système de redressement d'axe pour molaires

95-13006

Model Hybridhyrax
Modèle de présentation du système Hyrax Hybride

V-90-994-00

BENEfit® Model Case for 9 models, empty
Mallette de présentation des modèles ***BENEfit***®

V-90-994-02

BENEfit® Model Case for 18 models, empty
Mallette de présentation des modèles ***BENEfit***®

95-13007

Model Anchorage Anterior Teeth
Modèle de présentation du système d'ancrage antérieur

95-13008

Model Tooth Eruption
Modèle de présentation du système d'éruption

95-13009

Model "Temporary Implant"
Modèle de présentation du système d'implant temporaire

95-13011

Plaster Model with laboratory implants
Modèle de présentation du système de transfert pour travaux en laboratoire

95-13012

Model Mouse Trap Intrusion
Modèle de présentation du système "Mouse trap"

95-13013

Model Hybridhyrax Distalizer
Modèle de présentation du système de distalisation Hyrax Hybride

95-13014

Model T-Mesial/Distalslider
Modèle T-Mesial/Distalslider

95-13015

Model Hybridhyrax Distalizer 2
Modèle Hyrax hybride et distaliseur 2

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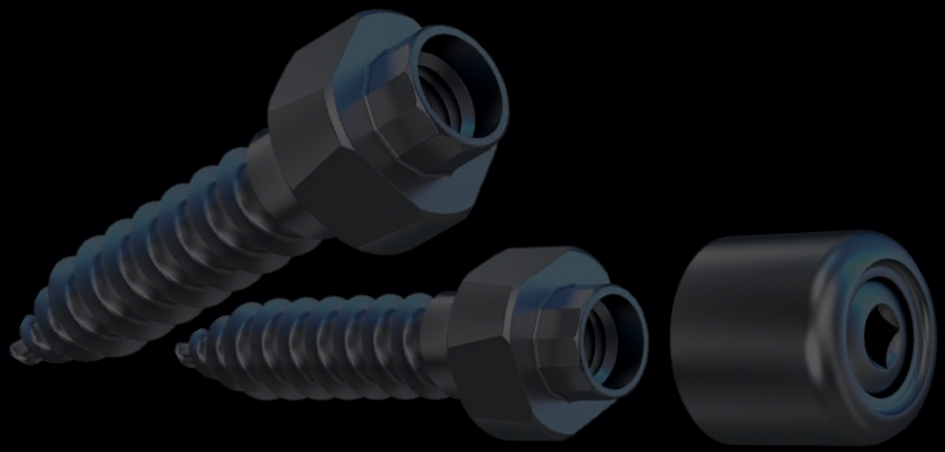
BENEfit®-System. Handout – *Manuel d´information*



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