

ORTHOtain®

A WORLD LEADER IN ORTHODONTIC APPLIANCES

OFFERS:

- Nite-Guide®
- Occlus-o-Guide®
- Interim-G®
- Ortho-T®
- Ortho-Tain
Preformed Positioner®
- Habit-Corrector®
- Hawley-Form™
- Perfit Bumper®
- Snore-Cure®

**APPLIANCES
FOR ANY AGE
TO CORRECT MOST
MALOCCLUSIONS**

BEFORE



AFTER



BEFORE



AFTER



Nite-Guide®

Technique that guides incoming adult teeth in 93% of 5 to 7 year olds.

- Only TWO (2) appliances needed (one “C” Series and one “G” Series)
- Only ONE hour of passive nighttime wear needed, worn only while sleeping
- Guides incoming adult teeth into an ideal occlusion
- Scientifically designed sockets straighten erupting adult incisors



Guides in Remaining Adult Teeth (Available in 13 sizes)



Guides in Adult Lower Centrals

- PDM fibers then form to hold aligned adult teeth straight permanently
- Improves the facial profile by mandibular advancement
- Corrects overjet, overbite, and many open-bites
- Orthodontic insurance covers this procedure
- “C” Series available in ELEVEN (11) sizes for optimum results

See page 15 for more details and measuring instructions.

EARLY TREATMENT FOR THE 5 TO 7 YEAR OLD

INITIAL DECIDUOUS DENTITION (5 YEARS, 4 MONTHS)



- Severe Overjet
- Facial Disfiguration
- Sucked Thumb
- Severe Overbite

ADULT DENTITION (12 YEARS, 8 MONTHS)



- Used Nite-Guide®
- ONLY while sleeping
- Ideal Profile
- Ideal Occlusion
- 5 years post-treatment

- Potential Lower Crowding
- Extruded Upper Incisors
- Rotations

INITIAL DENTITION (5 YEARS, 8 MONTHS)



- Straightened Adult Incisors
- Adequate Lower Space
- Good Facial Appearance

ADULT INCISORS (7 YEARS, 8 MONTHS)



INITIAL DENTITION (6 YEARS, 2 MONTHS)



- Excessive Open-Bite
- Sucked Thumb
- Speech Problems

ADULT DENTITION (9 YEARS, 0 MONTHS)



- Used Nite-Guide®
- ONLY while sleeping
- Ideal Occlusion

Occlus-o-Guide®

**Mixed dentition treatment
for 70% of malocclusions.**

Corrects:

- Any severity of overjet
- Any severity of overbite
- Up to 4mm of crowding
- Up to 5mm of spacing
- Most TMJ problems
- Only one appliance needed for full treatment and retention
- Most cases finished in 4 to 10 months
- Takes only 1 to 2 hours of total chairtime
- Available in THIRTEEN (13) sizes for optimum fit



Occlus-o-Guide® appliance

**See page 16 for more details
and measuring instructions.**

Occlus-o-Guide®

**ORTHO TECHNIQUE
FOR THE 8-12 YEAR OLD**

INITIAL MIXED DENTITION (8 YEARS, 1 MONTH)



- Severe Overjet
- Facial Disfiguration
- Class II Molars
- Deep Overbite

ADULT DENTITION (14 YEARS, 4 MONTHS)



- Used Occlus-o-Guide®
- 3 hours per day & nights
- Ideal Occlusion
- Ideal Facial Appearance
- Retention result 5 years after treatment

Crowded Upper Incisors
Upper Incisors Rotated
Facial Disfiguration

INITIAL MIXED DENTITION (12 YEARS, 10 MONTHS)



Used Occlus-o-Guide®
2+ hours per day & nights
Ideal Facial Profile
Ideal Occlusion

RETENTION ADULT DENTITION (14 YEARS, 10 MONTHS)



INITIAL DENTITION (9 YEARS, 11 MONTHS)



- Flared Upper Incisors
- Severe Overjet
- Facial Disfiguration

POST RETENTION (25 YEARS, 8 MONTHS)



- Occlus-o-Guide® worn
- 2+ hours per day & nights
- Ideal Occlusion
- Ideal Facial Appearance

Ortho-T[®]

Treats adults without the use of braces.

CORRECTS:

- Crowding
- Spacing
- Overjets
- Overbites
- TMJ

STRAIGHTENS ADULT CASES IN 1 TO 12 MONTHS

- ▶ Corrects rotations and crowding in 1 to 8 weeks
- ▶ Corrects up to 4mm overbite and overjet in 6 months

AFFORDABLE TREATMENT

- ▶ Only one appliance needed for treatment and retention
- ▶ No lab fees or waiting period – prefabricated

DESIGNED TO ALSO CORRECT RELAPSED ORTHO CASES

WORN ONLY 1 TO 2 HOURS DAILY

- ▶ Wear it while driving to work, watching TV or surfing the web
- ▶ 22 hours a day with nothing on the teeth

- Only ONE removable appliance needed per patient
- No expensive lab fees
- Affordably priced treatment due to low overhead and minimal chairtime
- Correction in 1 to 12 months with as little as TWO (2) hours daily active wear
- Even severe crowding or spacing can be treated without stripping enamel when worn with a headgear or bumper
- THIRTEEN (13) preformed sizes available for optimal results.

See measuring instructions on page 17.

Ortho-T[®] ADULT BRACELESS ORTHO TECHNIQUE

BEFORE — CANINE CROSSBITE



AFTER — 4 MONTHS



BEFORE — RELAPSED ORTHODONTIC CASE



AFTER — 6 MONTHS



BEFORE — DEEP OVERBITE



AFTER — 6 MONTHS



BEFORE — DIASTEMA



AFTER — 7 MONTHS



Ortho-T® CONTINUED

Ortho-T® can even correct severe cases when combined with a headgear or bumper with no stripping of precious adult enamel:

5mm of crowding ■ 5mm of overjet ■ 5mm of overbite



- ◀ Impacted 2nd premolar
- Deep overbite
- Excess overjet
- Ortho-T® worn with lower bumper. Ortho-T® worn for 2+ hours per day and at night



- ◀ Severe crowding with lack of space
- Rotations
- Ortho-T® worn only passively while sleeping
- Cervical headgear worn at night simultaneously



- ◀ Severe crowding
- Rotations
- Ortho-T® worn actively 2+ hours per day and at night
- Bumper worn to distalize lower molars



- ◀ Crowding and rotations
- End-to-end molar relation
- Ortho-T® worn 2+ hours per day actively
- Headgear worn at same time

Habit-Corrector®

TWO TYPES OF HABIT-CORRECTOR®

CLOSED VERSION - FOR NASAL BREATHERS

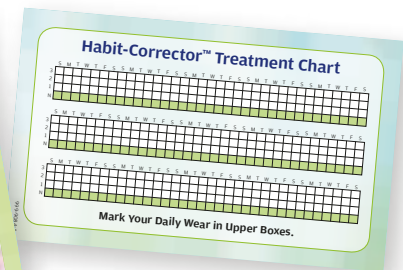


OPEN VERSION - FOR MOUTH BREATHERS

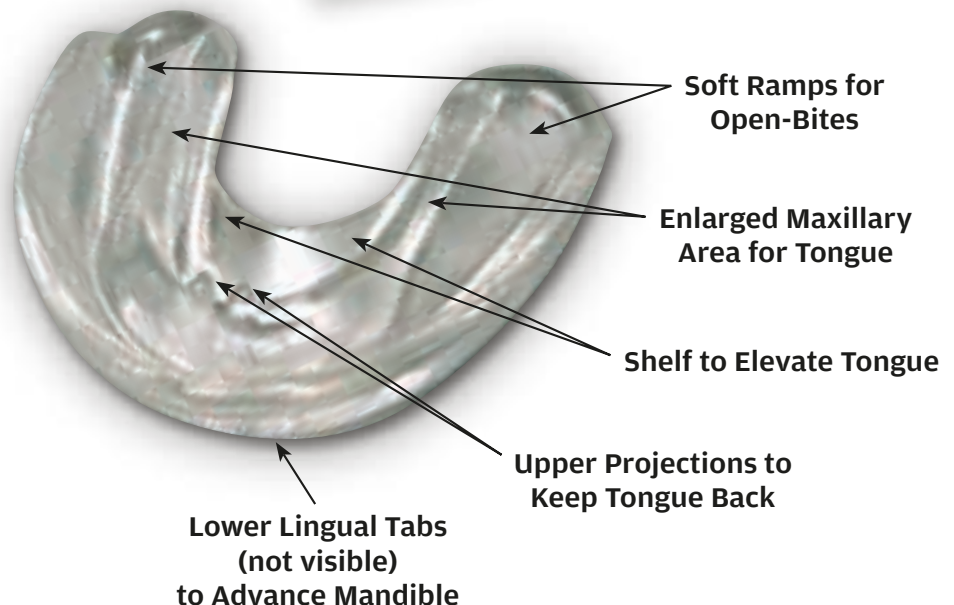


Aids in the correction of:

- Tongue Thrusting
- Abnormal Swallowing Patterns
- Thumb and Finger Sucking
- Open-Bites
- Overjets and Flared Incisors
- Mouth Breathing
- Speech Problems (Lisping)



Wear passively TWO (2) hours per day and night for 720 normal swallows.



Ortho-Tain® Positioners

ADVANTAGES:

- Immediate retention upon bracket removal
- Completely prefabricated – no lab work
- Lost appliances can be replaced immediately
- Retains overbite and overjet corrections
- Effectively corrects most TMJ problems
- Designed to provide orthodontic patients with an ideal Class I occlusion
- Also available in THREE (3) versions to accommodate: non-extraction cases (N series), (4) premolar extraction cases (X series), and (2) upper premolar extraction cases (U series)
- Available in various sizes.
- Rulers provided to determine correct size. For measuring instructions see page 17.

ORTHO-TAIN® appliances are made with Cooperation-Detector® (C-D®)

which turns the appliance slightly translucent when worn only at night, and becomes almost opaque white when worn 2 to 4 hours each day. If it is not worn for 48 hours, it returns back to transparent.

(Available for Occlus-o-Guide®, Ortho-T® and the Original Preformed Positioner®)



No Cooperation



Only Nighttime Wear



Daytime Exercise
& Nighttime Wear

The Original Preformed Positioner®

TYPICAL ORTHO-TAIN® RESULTS

BRACKET REMOVAL



ORTHO-TAIN® WORN 3 WEEKS



BRACKET REMOVAL



ORTHO-TAIN® WORN 1-1/2 MONTHS



BRACKET REMOVAL



ORTHO-TAIN® WORN 3-1/2 MONTHS



Interim-G Retainer®

- Used between Phase I & II of orthodontic treatment
- Worn only passively while sleeping
- Allows for deciduous exfoliation and adult eruption without adjustments
- Guides incoming adult teeth into perfect intercuspation
- 10 minute insertion – just measure and insert
- Extra soft material with breathing holes
- Available in clear and five colors: blue, magenta, green, purple and orange



INITIAL



PROGRESS - 1ST PHASE
Interim-G Retainer® used in conjunction
with a thumb-sucking appliance



END OF 1ST PHASE
Interim-G Retainer® used while sleeping
to retain and guide erupting teeth
until beginning of 2nd phase ortho



FINAL
Second phase of orthodontics finished

Hawley-Form™

THE 5-MINUTE
CHAIRSIDE RETAINER



Appliances with Liner Kit

The Hawley-Form™ appliances are available in five versions:



**Upper Appliance
(with or without wire)**



**Lower Appliance
(with or without wire)**



**Upper Appliance
with Lingual Tab**

**OR in combination with a lower
for mandibular advancement:**



**Upper Appliance
with Lingual Tab and
Lower Appliance**

ADVANTAGES:

- Can immediately be customized in the mouth at chairside. No impressions or additional appointments needed
- Snaps firmly into place preventing appliance from falling out
- Maintains rotation corrections
- Retains overjets better than other retainers
- Can expand or constrict arch widths with the imbedded wire feature
- Can restore rotation relapses
- Can retain torque



Snore-Cure® Appliance



Liner Kit

THE ADVANTAGES OF THE NEW SNORE-CURE® ARE:

- Can immediately be customized in the mouth at chairside. No impressions or additional appointments needed
- Snaps firmly into place to prevent falling out
- Advances mandible to prevent vibration of uvula
- Stays in all night
- One size fits all with hinge in back

The Softee® Appliance FOR THE 10 TO 12 YEAR OLD

Eliminates overbite and overjet before fixed appliance use

Worn only while sleeping for about 4 to 6 months

- Worn only while sleeping to obtain overbite and overjet corrections
- Reduces fixed appliance treatment time up to one year
- Worn before and during bracket phase
- Obtains mandibular advancement for overjet correction
- Converts cases to Class I touch-ups using minimal brackets
- Super soft material for patient comfort
- Use as an anti-bruxism appliance
- Comes in 10 sizes

See page 16 for measuring instructions.

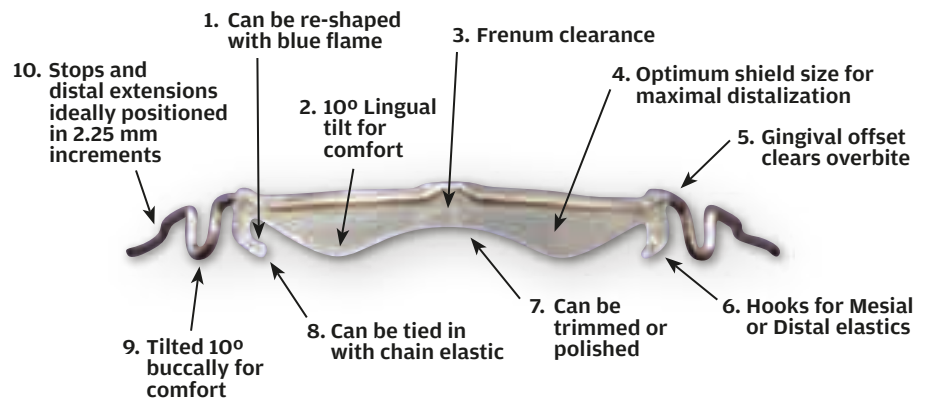


Perfit Bumpers®

FOR A "PERFECT" FIT

The Perfit® Bumper is a perfect adjunct to all our Ortho-Tain® appliances which are used for deciduous, mixed and adult dentitions that have 4 to 6mm of crowding. It is ideal for the adult, since the labial shield is hidden by the upper or lower lip, making it barely detectable.

- Distalizes deciduous or permanent molars (upper or lower) 1mm per month
- Takes only 1 to 3 try-ins for a perfect fit – saves 15 minutes in fitting
- Comes in 8 convenient sizes and made of .045 wire
- Protects anchorage
- Protects mesial migration
- Labializes the lower or upper incisors if desired
- Can develop the lower and/or upper arch
- Plastic labial shield and hooks are adjustable with blue flame



Sizes and Dental Arch Length from Molar Tube-to-Molar Tube (Mesial)

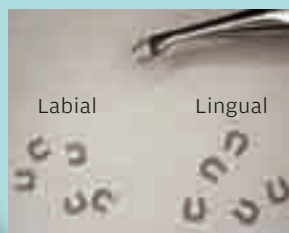
1L	57.0mm	5L	75.0mm
2L	61.5mm	6L	79.5mm
3L	66.0mm	7L	84.0mm
4L	70.5mm	8L	88.5mm

Most Common Range for Perfit® Bumpers

Adult Non-Extraction Sizes	2L - 7L
Mixed Dentition Sizes	3L - 8L
4 Bicuspid Extraction Sizes	1L - 6L
Deciduous Dentition Sizes	1L - 6L
Upper Arch Sizes	6L - 8L

Cleats for Rotation Corrections

Available in TWO versions:
Labial and Lingual



1. Heat ends in blue flame



2. Insert into appliance



3. Placed along long axis of tooth

Measuring Instructions

FOR THE 5 - 7 YEAR OLD

FOR USE WITH THESE APPLIANCES:

- Nite-Guide® “C” Series
- Nite-Guide® “G” Series (Occlus-o-Guide®)

The size of the appliance is stamped on upper left hand margin.
Each appliance on the upper arch is 1.5mm apart and on the lower arch is 0.8mm apart.



Place pointer at mesial of lower left canine



To mesial of lower right canine

OR



From mesial of upper left canine



To mesial of upper right canine

Place pointer of pink ruler at mesial of lower or upper left deciduous canine; bend ruler along incisal edges (or along ideal arch form) and read size at mesial of right deciduous canine. Add two sizes to measurement for potentially crowded cases (example: 2 → 2-1/2 → 3). This larger sized appliance is used in anticipation of expansion of the arches to provide space for the predicted adult crowding. The second appliance (“G” Series) is usually 3 sizes larger than the first (“C” Series) appliance used after the lower laterals begin erupting.

“C” SERIES – FIRST APPLIANCE

First appliance (“C” Series) inserted when lower centrals begin erupting. Select “C” Series appliance two sizes larger than measurement (example: 2 → 2-1/2 → 3).

“G” SERIES – SECOND APPLIANCE

Second appliance (“G” Series) inserted when lower laterals start to erupt. Select “G” Series appliance three sizes larger (example: 3C → 3-1/2 → 4 → 4-1/2G).

Note: If the 6 year old molars are present when treatment is initiated, substitute a “G” Series appliance instead of a “C” Series appliance to prevent molars from super-erupting. The second appliance used when adult lower laterals start to erupt should be a “G” Series appliance that is 3 sizes larger than the first “G” Series appliance used. Both “G” Series appliances are worn only while sleeping.

“C” SERIES FOR DECIDUOUS NON-EXTRACTION CASES

SIZES	UPPER DECIDUOUS or PERMANENT INCISAL AREA (MM)	LOWER DECIDUOUS or PERMANENT INCISAL AREA (MM)	LOW CANINE TO CANINE WIDTH (MM)	% POPULARITY
1 C	24.9-26.0	18.9-19.6	22.6	5%
1-1/2 C	26.1-27.2	19.7-20.4	23.2	10%
2 C	27.3-28.3	20.5-21.1	23.7	15%
2-1/2 C	28.4-29.5	21.2-21.9	24.3	15%
3 C	29.6-30.7	22.0-22.7	24.9	10%
3-1/2 C	30.8-31.9	22.8-23.5	25.4	8%
4 C	32.0-33.1	23.6-24.3	26.0	7%
4-1/2 C	33.2-34.2	24.4-25.0	26.6	6%
5 C	34.3-35.4	25.1-25.8	27.2	5%
5-1/2 C	35.5-36.6	25.9-26.6	27.7	3%
6 C	36.7-37.8	26.7-27.4	28.3	1%

(See “G” Series table on page 16)

Measuring Instructions

FOR THE 8 - 12 YEAR OLD

FOR USE WITH THESE APPLIANCES:

- Occlus-o-Guide® (G Series)
- Interim G® (IG Series)
- Softee® (CS Series)



Place pointer at distal of upper left lateral



To distal of upper right lateral

OR



From distal of lower left lateral



To distal of lower right lateral

Place the pointer of the pink ruler at the distal of the upper or lower left lateral and bend the ruler along the incisal edges to the distal of the right lateral. Be sure to use the correct side of the ruler marked either "lower incisors" or "upper incisors."

Each size on the pink ruler is 1.5mm apart on the upper and 0.8mm on the lower. If there is no crowding or spacing the size measured on the ruler is used. If a patient has 1.5mm of upper anterior crowding and the size measured is a 4G, a 4-1/2G would be used to provide space for correction. If there is 3mm of upper anterior spacing and a 4G is measured on the ruler, a 3G would have to be used to close the spaces. In such a case, the appliance would be stretched across the spaced anterior teeth.

An alternate method is to measure the mesio-distal widths of the four upper or lower incisors in millimeters and select the Occlus-o-Guide® appliance that corresponds to this total measurement from the chart.

"G", "IG" or "CS" SERIES FOR MIXED-DENTITION CASES

SIZES	UPPER PERMANENT INCISORS (MM)	LOWER PERMANENT INCISORS (MM)	UPPER 6 PERMANENT ANTERIORS (MM)	% POPULARITY
1 G	24.9-26.0	18.9-19.6	39.5-40.9	2%
1-1/2 G	26.1-27.2	19.7-20.4	41.0-42.4	3%
2 G	27.3-28.3	20.5-21.1	42.5-43.9	4%
2-1/2 G	28.4-29.5	21.2-21.9	44.0-45.4	6%
3 G	29.6-30.7	22.0-22.7	45.5-46.9	7%
3-1/2 G	30.8-31.9	22.8-23.5	47.0-48.4	10%
4 G	32.0-33.1	23.6-24.3	48.5-49.9	14%
4-1/2 G	33.2-34.2	24.4-25.0	50.0-51.4	16%
5 G	34.3-35.4	25.1-25.8	51.5-52.9	14%
5-1/2 G	35.5-36.6	25.9-26.6	53.0-54.4	12%
6 G	36.7-37.8	26.7-27.4	54.5-55.9	10%
6-1/2 G	37.9-39.0	27.5-28.2	58.0-57.4	3%
7 G	39.1 & over	28.3 & over	57.5 & over	2%

Measuring Instructions

FOR OVER 12 YEARS (ADULT)

FOR USE WITH THESE APPLIANCES:

- Positioner® (N Series - Non Extraction)
- Positioner® (X Series - 4 Premolar Extractions)
- Positioner® (U Series - 2 Upper Premolar Extractions)
- Ortho-T®



From distal of
upper left canine



To distal of
upper right canine

Place the pointer of the white ruler at the distal of the upper left canine then bend it along the incisal edges to the distal of the upper right canine. For retention after orthodontic bracket removal select an appliance that is one size smaller than the size indicated on the ruler for an optimal result.

Note: One side of the ruler measures non-extraction and two upper premolar extractions. The other side measures four premolar extractions.

“N” SERIES NON-EXTRACTION CASES

SIZES	UPPER 6 PERMANENT ANTERIORES (MM)	% POPULARITY
1 N	39.5-40.9	2%
1-1/2 N	41.0-42.4	3%
2 N	42.5-43.9	4%
2-1/2 N	44.0-45.4	6%
3 N	45.5-46.9	7%
3-1/2 N	47.0-48.4	10%
4 N	48.5-49.9	14%
4-1/2 N	50.0-51.4	16%
5 N	51.5-52.9	14%
5-1/2 N	53.0-54.4	12%
6 N	54.5-55.9	10%
6-1/2 N	56.0-57.4	3%
7 N	57.5 & over	2%

“X” SERIES FOUR (4) BICUSPID EXTRACTION CASES

SIZES	UPPER 6 PERMANENT ANTERIORES (MM)	% POPULARITY
1 X	45.5-46.9	3%
1-1/2 X	47.0-48.4	6%
2 X	48.5-49.9	7%
2-1/2 X	50.0-51.4	9%
3 X	51.5-52.9	11%
3-1/2 X	53.0-54.4	16%
4 X	54.5-55.9	17%
4-1/2 X	56.0-57.4	12%
5 X	57.5-58.9	9%
5-1/2 X	59.0-60.4	6%
6 X	60.5 & over	4%

“U” SERIES TWO (2) UPPER BICUSPID EXTRACTION CASES

SIZES	UPPER 6 PERMANENT ANTERIORES (MM)	% POPULARITY
2 U	42.5-43.9	4%
2-1/2 U	44.0-45.4	6%
3 U	45.5-46.9	8%
3-1/2 U	47.0-48.4	11%
4 U	48.5-49.9	16%
4-1/2 U	50.0-51.4	18%
5 U	51.5-52.9	16%
5-1/2 U	53.0-54.4	12%
6 U	54.5 & over	9%

Now on DVD...

OCCLUS-o-GUIDE® & NITE-GUIDE® TECHNIQUES

#1 OCCLUS-o-GUIDE® 3 hours on Overbite and Overjet correction

#2 OCCLUS-o-GUIDE® 3 hours on Rotations, Crowding and TMJ

#3 NITE-GUIDE® 3 hours on early intervention in the
4 to 7 year old to prevent adult malocclusions

Earn 6 hours credit toward certification by the Academy of General Dentistry
for the review of each DVD set for a total of 18 hours of credit!

Courses are offered in different cities throughout the year. Check online at
www.ortho-tain.com for the most up-to-date course schedule.



WAITING ROOM TAPE

OCCLUS-o-GUIDE® and/or NITE-GUIDE® Promotional Tape for Waiting Room Viewing

Fifteen minute presentations with continuous viewing for 2-1/2 hours

PATIENT INSTRUCTIONAL TAPE

Ten minute chairside instructional video explaining use, care and wear for new Occlus-o-Guide® patients.

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Over 60 complimentary monographs available online at www.ortho-tain.com

INSIGHTS ON USE • SYNOPOSIS OF TREATMENT • FREQUENTLY ASKED QUESTIONS

WEBSITE PRESENTATIONS

Available at www.ortho-tain.com on the Nite-Guide®, Occlus-o-Guide® and the Ortho-T® techniques.

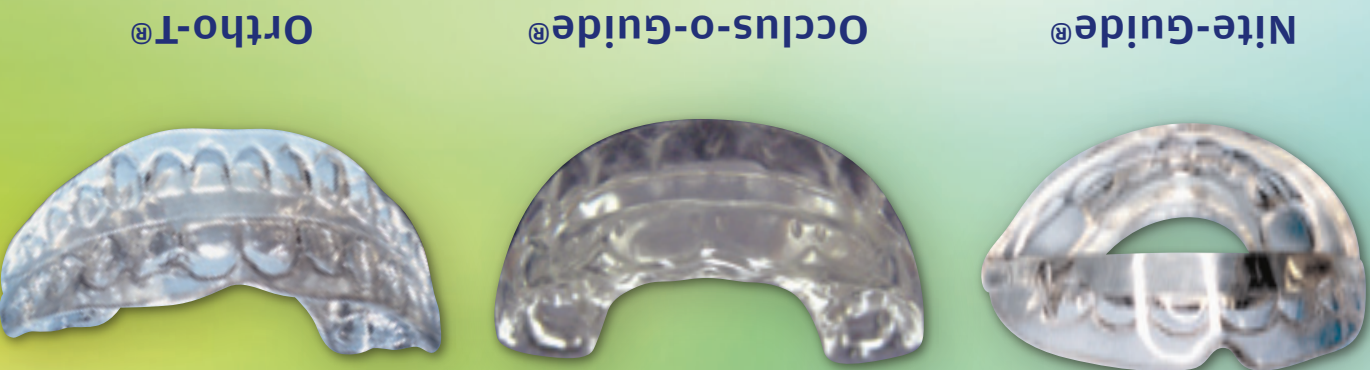




ORTHOtain®

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 Use the Original Ortho-Tain® Preformed Appliances
 Over 2 MILLION used to date!