



7 FEATURES

OF AN ORTHOBAR SMILE

BRADY PETERSEN, DMD, MS
KORY GRAHL, DMD, MS, FAGD
BOARD-CERTIFIED ORTHODONTISTS

www.orthobar.com



ABOUT DR. GRAHL



Although Dr. Grahl hails from San Diego, California, he has forged a strong connection with Las Vegas, having completed his dentistry and orthodontics training at the University of Nevada, Las Vegas. Interestingly, both Dr. Petersen and Dr. Grahl share the unique distinction of graduating from dental school together!

Prior to orthodontic residency, Dr. Grahl honed his skills in the realm of private practice as a general dentist, focusing on TMD, airway concerns, esthetic dentistry, and orthodontics. His commitment to continuous learning and mastery of his craft led to notable achievements, including earning the prestigious Fellowship in the Academy of General Dentistry (FAGD) and the distinction of being an Associate Fellow of the American Academy of Implant Dentistry (AFAAID). Notably, he holds the exclusive title of being the sole Kois Recognized Specialist in Las Vegas, a testament to his passion for interdisciplinary orthodontics.

Beyond his commitment to orthodontics, Dr. Grahl's passion for competitiveness extends to his college ice hockey days and continues to drive his active lifestyle. He is a devoted husband to Rachael and a loving father to their two beautiful children, Briarrose and Kent. He firmly embraces the philosophy that each day is a blessing, urging everyone to seize the full potential of every moment. Dr. Grahl is thrilled to collaborate with you as a crucial part of your patients' comprehensive dental journey.

ABOUT DR. PETERSEN



Born and raised right here in Las Vegas!

Before pursuing his orthodontic residency at the University of Nevada, Las Vegas, Dr. Petersen dedicated his skills as a general dentist to the Las Vegas community. His unwavering commitment continues in raising the BAR in Orthodontics. Through attentive patient communication and an unwavering commitment to precision, Dr. Petersen crafts Orthobar Smiles that leave patients absolutely full of confidence.

Dr. Petersen and his beautiful wife, Nicole, have four amazing children. Briggs, Grant, Teagan and Olivia keep them very busy with school, sports, music, and everyday activities.

Dr. Petersen enjoys spending time with friends and family, golfing, playing basketball, and supporting our local Vegas sports teams. He loves working and creating with the best orthodontic team in town and is looking forward to helping patients obtain the smile of their dreams!

FEATURES OF AN ORTHOBAR SMILE

- 1) FACIAL BALANCE
- 2) LIP BALANCE + PROPER TOOTH POSITION
- 3) ALIGNMENT + SMILE ARCH
- 4) BROAD, BRIGHT SMILES
- 5) FUNCTIONAL OCCLUSION
- 6) AESTHETIC TOOTH SHAPE + CONTOUR
- 7) GUM DISPLAY + CONTOUR

** This manual contains actual patient cases treated by Orthobar.*



FACIAL BALANCE

KEY EMPHASIS

- Orthopedic correction of skeletal imbalances
 - Narrow upper/lower jaws (width)
 - Setback upper/lower jaws (forward/back)
 - Achieving a full, straight profile with sufficient skeletal support for soft tissues
 - Ensuring balanced facial proportions across all facial thirds
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BENEFITS

- Enhances beauty and harmony, especially when smiling, through facial balance
 - Supports anti-aging of soft tissues by maintaining proper facial balance and skeletal support
 - Improves airway function by correcting skeletal imbalances
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LIP BALANCE + PROPER TOOTH POSITION

KEY EMPHASIS

- Ensuring 100% front tooth display with 1-2mm of gum show
 - Ideal tooth angle for proper lip position, avoiding excessive leaning backward or forward
 - Maintaining adequate lip volume and support
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BENEFITS

- Enhances beauty and harmony, especially when smiling, through facial balance
 - Supports anti-aging of soft tissues by maintaining proper facial balance and skeletal support
 - Improves airway function by correcting skeletal imbalances
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ALIGNMENT + SMILE ARCH

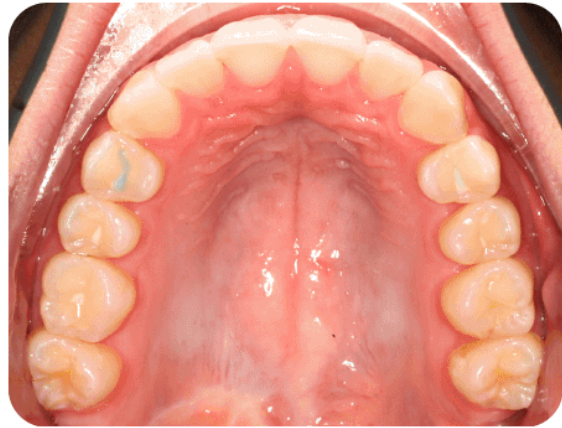
KEY EMPHASIS

- Straight teeth with all spaces closed
 - Upper front teeth edges following the lower lip line
 - Seamless progression of each tooth from front to back
 - Centered upper and lower midlines on the face
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BENEFITS

- Restored confidence in your smile through optimal tooth alignment
 - Radiant and energetic smile, devoid of distractions
 - Enhanced oral hygiene and reduced risk of gum disease
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BROAD, BRIGHT SMILES

Damon Arch form key to Orthobar Smiles

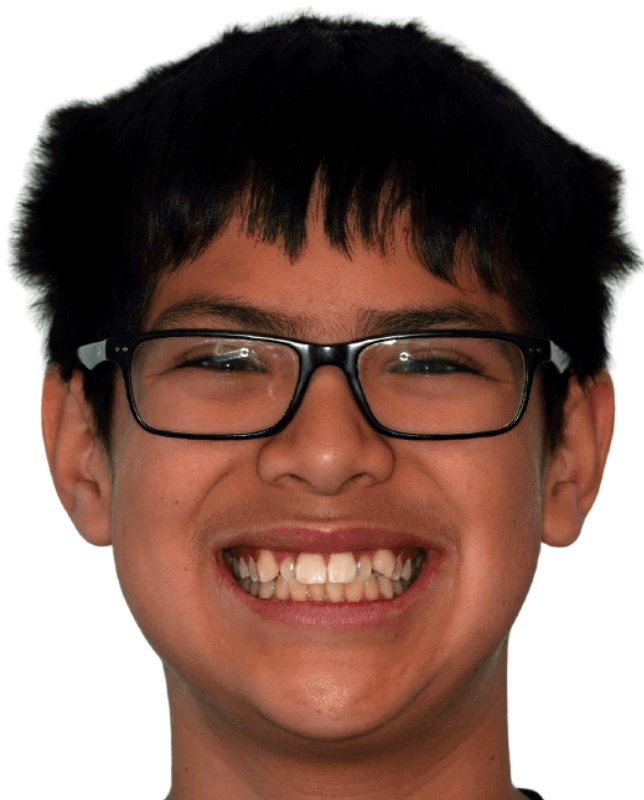
KEY EMPHASIS

- Wide and broad smile
 - Teeth and smile fill the entire corners of mouth
 - Smile flows harmoniously from one side to the other
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BENEFITS

- Anti-aging benefits as a broad smile provides better support to the cheeks and lips
 - Enhanced attractiveness
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FUNCTIONAL OCCLUSION

KEY EMPHASIS

- Upper teeth overlap lower teeth proportionally
 - Ideal overbite achieved
 - All teeth make contact and support each other
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BENEFITS

- Prevents excessive wear, chipping, or fractures of the teeth
 - Improves chewing efficiency
 - Reduces the risk of jaw pain and discomfort
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AESTHETIC TOOTH SHAPE + CONTOUR

Hard Tissue Contouring

KEY EMPHASIS

- Golden proportions: Emulating natural beauty principles
 - Teeth with a natural veneer-like appearance
 - Ideal height-to-width ratios
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BENEFITS

- Achieves a youthful, harmonious, and symmetrical smile
 - Ensures symmetrical and ideal light reflection for picture-perfect selfies
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GUM DISPLAY + CONTOURS

Soft Tissue Contouring

KEY EMPHASIS

- Wide and broad smile
- Teeth and smile fill the entire corners of mouth
- Smile flows harmoniously from one side to the other

BENEFITS

- Anti-aging benefits as a broad smile provides better support to the cheeks and lips
- Enhanced attractiveness





BONUS

INTERDISCIPLINARY ORTHODONTICS

KEY EMPHASIS

- Tooth size and harmony
- Tooth color and shape
- Level gingival line architecture

BENEFITS

- Proper teeth in alignment lead to less tooth preparation
- Unveiling a beautiful, natural tooth appearance by reducing excess gum tissue

