

Mandibular Advancement Splint Comparison



DENTAL PROSTHETIC SERVICES
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	EMA® Custom 	O2 OASYS™ 	Panthera D-SAD™ 	Panthera X3™ 	SomnoDent® Classic Acrylic or Flex 	SomnoDent Fusion™ Acrylic or Flex 	SomnoDent Herbst Advance™ Acrylic or Flex 	TAP® 3 TL or AccuTherm 	dreamTAP™ TL or AccuTherm 
Appliance holds jaw securely in place			X (must request elastics)	X (must request elastics)	X (must request elastics)	X (must request elastics)	X (must request elastics)	X	X
Allows for speech	X	X	X	X	X	X	X		
Allows lips to close	X	X	X	X	X	X	X		
Appropriate for a bruxer		X	X	X			X		X
Appropriate for edentulous patients		X (upper only)			X (upper only)	X (upper only)	X (upper only)		
CPAP compatible		X (must specify)			X (must specify)	X (must specify)		X (must specify)	X (must specify)
Metal free	X		X	X					
Material	Thermoplastic polymer Straps are a latex-free polymer	Thermoplastic polymer Thermo-sensitive acrylic Stainless steel wire (not nickel free)	Nylon polyamide type 12	Nylon polyamide type 12	Acrylic or Flex liner Stainless steel wire and hardware (not nickel free)	Acrylic or Flex liner Stainless steel wire and hardware (not nickel free)	Acrylic or Flex liner Stainless steel hardware (not nickel free)	Thermoblend Triple Laminate Durasoft layer or Polycarbonate thermoformed trays Nickel-free hardware	Thermoblend Triple Laminate Durasoft layer or Polycarbonate thermoformed trays Chromium-Cobalt hardware (nickel free)
Unique features	Low profile Easy for patients to adjust	Opens nasal passages Tongue buttons optional	CAD/CAM for precision fit Multiple plateau and band options	CAD/CAM for precision fit Multiple plateau and band options	Choice of Flex material or ball clasps for retention	Choice of Flex material or ball clasps for retention	E0486 Medicare approved Choice of Flex material or ball clasps for retention	E0486 Medicare approved	E0486 Medicare approved Up to 10mm of lateral excursion
Adjustment	Four different strengths of straps in nine different lengths using 1mm increments 8mm of total adjustment range	The anterior shield is on a sliding/locking mechanism, with mm guides 10mm of total adjustment range	Rods have 20mm of total adjustment range using 0.5mm or 1mm increments	Clips have 6mm of total adjustment range 1mm backward and 5mm forward, using 0.5mm increments	Bilateral adjustments screws on the upper splint 1 turn = 0.10mm 6mm of total adjustment range	Bilateral adjustment screws on upper splint Interchangeable wings on lower splint 8.5mm of total adjustment range	Visual calibration indicator 8mm of total adjustment range	An anterior dial with one point of adjustment 7mm of total adjustment range	An anterior dial with one point of adjustment Three hooks with a total of 15mm of adjustment range
Cleaning	Daily: clean with denture brush with non-abrasive toothpaste and cool water Weekly: soak 10 minutes in Polident for Partials	Daily: clean with denture brush with mild soap and cool water Weekly: soak 10 minutes in Polident for Partials	Daily: clean with denture brush and lukewarm water Weekly: soak in antibacterial chlorine-free orthodontic cleaning solution	Daily: clean with denture brush and lukewarm water Weekly: soak in antibacterial chlorine-free orthodontic cleaning solution	Daily: clean with denture brush with mild soap and cool water Do not use an ultrasonic cleaner or hot water	Daily: clean with denture brush with mild soap and cool water Do not use an ultrasonic cleaner or hot water	Daily: clean with denture brush with mild soap and cool water Do not use an ultrasonic cleaner or hot water	Daily: clean with denture brush with mild soap and cool water	Daily: clean with denture brush with mild soap and cool water
Do not use hot water to clean appliances and never use mouthwash, ammonia, bleach, or expose appliance to alcohol.									
Storage	Store dry	Store dry	Store dry	Store dry	Store in water	Store in water	Store in water	Store dry	Store dry
Warranty	1 year	1 year	3 years	3 years	3 years	3 years	3 years	1 year	1 year

Common Diagnosis Codes: G47.33 - Obstructive Sleep Apnea

G47.3 - Upper Airway Resistance

R06.83 - Snoring

Treatment Code: E0486 - Custom Fabricated Oral Appliance for OSA