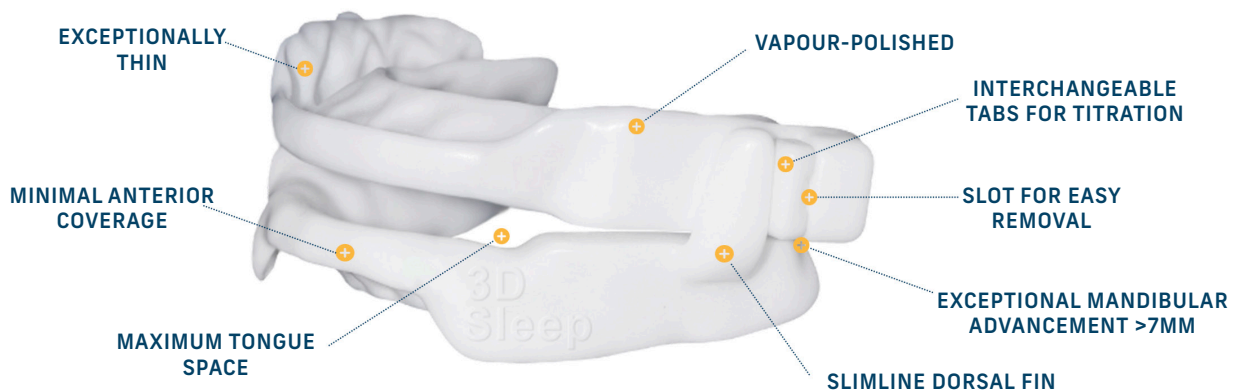


# OUR RANGE OF APPLIANCES

## SNORING & SLEEP APNOEA

### 3DS Advance

Our most popular style of custom-made dental sleep appliance. Its unique design, where the upper and lower components are not connected offering patients greater comfort, natural jaw movement, and minimal side effects.



**3DS Eclipse**



**3DS Connect**

### Why We Use Vapour-Polished Nylon (and Not Acrylic)

Acrylic resin is increasingly obsolete in dental sleep medicine due to its bulk, brittleness, and susceptibility to fracture. For an appliance worn nightly, material strength and comfort are critical for safety and long-term success.

All 3D Sleep appliances are fabricated using 3D printed medical-grade, vapour-polished nylon, delivering:

- **Ultra-thin profile** - reduces bulk for enhanced compliance
- **High tensile strength** - virtually unbreakable during normal use
- **Smooth finish** - gentle on oral tissues
- **Longevity** - resistant to wear and fracture

# OUR RANGE OF APPLIANCES

## BRUXISM - TEETH GRINDING & CLENCHING

### 3DS Protect

Nylon splints have rapidly become the gold standard. Their unmatched strength, flexibility, and ultra-thin profile make them ideal for long-term patient use. But here's the crucial detail many overlook.

**Not all nylon splints are created equal and that's the 3D Sleep Difference.**



### Vapour Polishing

#### The Essential Difference

Vapour polishing is the essential finishing step that takes nylon splints to the highest standard. Naturally porous nylon can absorb saliva, stain, and harbour bacteria, but vapour polishing transforms the material by gently melting its surface to seal the pores. The result is a smooth, non-porous finish that's more hygienic, comfortable, and durable with clear clinical benefits:

- **Reduced Staining** - Resists common beverage stains
- **Bacterial Resistance** - Easier to clean, less bacterial build-up
- **Better Patient Compliance** - Greater comfort encourages wear
- **Increased Longevity** - Less breakdown, fewer adjustments

