



**Narval CC™**  
Mandibular repositioning device

## Narval CC design guide

NEW

**5** designs  
**New** anterior contact options  
**Multiple** combinations



[Use our new order form now!](#)

[ResMed.com/Narval](https://www.ResMed.com/Narval)

# Our philosophy: putting comfort into each of our devices

**ResMed understands that the key benefits of comfort and quality of life help to ensure patient compliance. Narval CC has been designed to provide effective treatment that is widely accepted by Obstructive Sleep Apnoea (OSA) patients.<sup>1</sup> It is now available with new design options.**

When Narval CC was developed by Ludovic Baratier in 2002, he aimed to address one of the main complaints heard from MRD users: How to avoid the uncomfortable and painful feeling coming from the incisors after wearing an MRD for the whole night?

Narval CC made that possible through the use of splints that prevent retention on the anterior teeth. This unique design is based on the combination of a “traction” based articulation and the use of CAD/CAM technology. Today, the latest clinical data confirm that Narval CC offers a high level of patient satisfaction and compliance over time.<sup>2</sup>

Five design variations are available, all of which avoid retention on the incisors. They cover a broad range of patient needs and anatomical constraints, as band design plays an important role when it comes to fit, comfort, and retention of the device.

Narval CC now comes with a new option: 3 of the 5 designs are also available with contact on the facial and lingual surfaces of the incisors. This option can be used for very low retentive cases, as it increases surface contact with the teeth. It can also be used to help maintain anterior teeth alignment into the splints – In 86% of the cases included in a European Controlled Product launch, dental sleep experts chose this design option to prevent MRD-related tooth movements.<sup>3</sup>

**Whatever design you choose, with or without contact, the Narval CC does not take retention from the anterior teeth. Refer to the following Narval CC design guide to help you select the appropriate design for your patients, and then use our new order form.**

1 Vecchierini MF et al. A custom-made mandibular repositioning device for obstructive sleep apnoea-hypopnoea syndrome: the ORCADES study. *Sleep Med.* 2016 Mar 19: 131-40. Doi: 10.2016.

2 Attali V et al (for OrcaDES Study Investigators). Two year follow-up results of ORCADES study: Long-term mandibular repositioning device (MRD) therapy in patients treated for obstructive sleep apnea (OSA). *European Respiratory Journal.* 2016 September 01; Volume 48, issue suppl 60.









3 Anterior contact European Controlled Product launch (CPL). *ResMed Internal Report*, data on file (confidential) – September 2017 – 86% of the dental sleep experts chose the anterior contact option with the intent of preventing MRD-related tooth movements.

# Our goal: helping you to select the right Narval CC design

Each of your patients can benefit from the 5 designs available that can be applied independently on the lower and upper splint.

If a design is not specified in the order form, ResMed will select the design for you, prioritizing a non-contact facial band design unless the patient’s dental morphology requires otherwise.

● : recommended  
 N/A : not applicable

|                          |  | Teeth morphology                                      |  |                      |                      |                                     | Particular focus                   |                                    |                       |  |
|--------------------------|--|---|--|----------------------|----------------------|-------------------------------------|------------------------------------|------------------------------------|-----------------------|--|
|                          |  | Low retentive canines & molars (short or no undercut) | Proclined or highly retentive incisors | Retroclined incisors | Significant overbite | Significant overlap of the incisors | Frenulum close to gingival margins | Reduce tongue pressure on incisors | Maximize tongue space | Foster anterior teeth alignment <sup>3</sup> |
| WITHOUT ANTERIOR CONTACT | Facial band             |   |  | ●                    | ●                    | ●                                   |                                    |                                    | ●                     |  |
|                          | Facial band with cap    | ●   |  | ●                    |                      |                                     |                                    |                                    | ●                     |  |
|                          | Incisors full coverage  | ●   |  |                      |                      |                                     |                                    | ●                                  |                       |  |
|                          | Lingual band with cap   | ●   | ●                                      |                      |                      |                                     | ●                                  | ●                                  |                       |  |
|                          | Lingual band            |   | ●                                      |                      | ●                    | ●                                   | ●                                  |                                    |                       |  |
| WITH ANTERIOR CONTACT    | Facial band with cap    | ●   | N/A                                    | ●                    |                      |                                     |                                    |                                    | ●                     | ●  |
|                          | Incisors full coverage  | ●   | N/A                                    | N/A                  |                      |                                     |                                    | ●                                  |                       | ●  |
|                          | Lingual band with cap  | ●   | ●                                      | N/A                  |                      |                                     |                                    | ●                                  |                       | ●  |



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