

ComfortCurve™



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What is the ComfortCurve?

The ComfortCurve is a Nasal Interface System that is used to deliver Positive Airway Pressure (PAP) in order to treat Obstructive Sleep Apnea. It is an alternative to traditional nasal “masks” that provides a less invasive, more complete and lifestyle-oriented form of airway delivery. Each ComfortCurve Nasal Interface comes complete with 3 size cushions (S, M, L), headgear, and our exclusive tubing system.

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How does it work?

The ComfortCurve relies on a soft, cradling cushion that gently seals under the base of the nose. The cushion is supported by ergonomically designed cheek pads that can be individually adjusted for a comfortable yet stable cushion support. The ComfortCurve comes with our exclusive Tubing System for a light and flexible connection to the device. The ComfortCurve is also available in 5 optional colors.

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How does the ComfortCurve compare to pillows or prongs products?

Unlike pillows or prongs-style products, the ComfortCurve uses a less invasive cushion that provides a soft seal under the base of

the nose. Instead of forcing air to jet directly into the nose, the ComfortCurve cushion delivers a more dispersed flow evenly to both nostrils. Also, unlike pillows or prongs products that use the nose to support the seal, the ComfortCurve relies on 2 ergonomic cheek pads that provide a soft foundation for the seal and further eliminate unnecessary nasal irritation, pressure or pulling. ([See How It Works](#))

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Are there any limitations on using the ComfortCurve?

No, the ComfortCurve can be used with all Respirationics devices including REMstar Systems with C-Flex, BiPAP Pro Systems with Bi-Flex and REMstar Auto-CPAP systems.

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Why does the ComfortCurve have its own tubing system?

A key part of what makes the ComfortCurve a Nasal Interface System is the exclusive Tubing System. Traditional tubing can sometimes pull on the interface, especially if the weight of it falls off of the bed. The ComfortCurve Tubing System was developed for a lighter and more flexible connection to the device. It provides a more forgiving connection to the device since it is less likely to apply pull or torque to the interface and disrupt the seal.

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Can the ComfortCurve Tubing System work with other masks?

No, the ComfortCurve Tubing System is included with each Nasal Interface System and is designed to work exclusively for the ComfortCurve. Also, other tubing systems cannot be used with the ComfortCurve interface.

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How should the ComfortCurve be worn?

The ComfortCurve cushion should be worn under the nose so it cradles or saddles the base of the nose to create the seal. The tip of the nose should rest on top of the cushion and should not be placed inside the cushion opening. The split-strap headgear should be separated such that the top strap is positioned at the top of the head and the bottom strap is stretched and pulled down toward the base of the neck.

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Why does the ComfortCurve have the option of different colors?

The ComfortCurve is the first Nasal Interface System to offer the option of different colors. This option was developed in order to provide an added lifestyle alternative for the end-user. PAP therapy can be a difficult experience for many users. By personalizing the color of their interface, users may feel better about their treatment and equipment, which may help to improve their compliance.

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What colors options are available for the ComfortCurve?

The "bridge" (or curved part that includes the logo) of the ComfortCurve is available in 5 colors sold separately as part of a Variety Pack. The Variety Pack includes the standard color or "Sky" (light blue) in addition to "Burgundy" (light red), "Sage" (light green), "Platinum" (light gray), and "Bronze" (light yellow). Trial participants greatly enjoyed the opportunity to personalize their Curve through these 5-color combinations.

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How do I get started with the ComfortCurve?

The ComfortCurve Nasal Interface System includes 3 size cushions (S, M, and L), headgear, and our exclusive tubing system. The cheek pads and headgear are already assembled to the interface. To get started, simply attach a cushion (try the Medium size first) and connect the longer hose of the tubing system. The ComfortCurve is now ready to be connected to your PAP device.

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How do I attach the cushion to the ComfortCurve?

Each ComfortCurve cushion has a blue plastic clip inside of it that connects to the straight white tube or cross tube of the interface. This clip has a set of 3 teeth (1 tooth on the top and 2 on the bottom). Each tooth has a corresponding slot on the cross tube. To attach the cushion, simply wrap it around the cross tube and firmly snap it into place (be sure that each tooth is fully engaged).

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How do I remove the cushions from the ComfortCurve?

The best way to remove the cushion from the Curve is to grab the top of the cushion and pull it up and away from the interface – this can be done easily without harming the cushion.

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How do I know if the ComfortCurve is right-side up, particularly in the dark?

There are several ways to identify if the interface is right-side up. First, if possible, look for the ComfortCurve and Respiroics logo. If you cannot see the logo, feel for a set of 5 notches on the bottom of the bridge that indicate the bottom. Also, one participant in our trials recommended simply feeling the cushion to identify which way is up: the cushion is very flat on the bottom and curved on the top.

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How do I adjust the ComfortCurve?

The primary adjustments on the ComfortCurve are the angle of the cheek pad supports and the headgear straps. The cheek pad supports can be rotated to 1 of 5 settings for a better seal and more comfortable position of the cushion under the nose. The standard, split-strap headgear is easily adjustable.

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What is the best way to disassemble the headgear?

The 2 buttons on the side of the cheek pad supports are used to release the Quick Clips for easy headgear removal without altering settings.

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How should I wash the ComfortCurve?

The user's manual included with the ComfortCurve contains detailed cleaning instructions. Be sure to thoroughly clean the interface, nasal cushion and tubing system using a mild dishwashing detergent (avoid using bleach, alcohol, strong household cleaners and avoid products using conditioners or moisturizers). The headgear can be machine or hand washed with a standard laundry detergent.

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How do I remove and attach the cheek pads?

The cheek pads are made of soft silicone and can be easily removed from the pad supports by peeling them away from the pad supports. To attach, simply stretch the cheek pads around the pad supports and be sure that they are fully assembled around the edges.

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What makes the ComfortCurve cheek pads “ergonomic”?

The cheek pad supports of the ComfortCurve (the oval plastic parts that hold the silicone cheek pads) make the pads ergonomic because of their contoured design. If you remove the cheek pads, you will notice that the surface of each support is contoured to fit the shape of your face. That is why there are specific right and left pad supports and why we describe them as ergonomic.

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Is it possible to read or watch TV with the ComfortCurve?

Yes, the low-profile design of the ComfortCurve makes it perfect for reading or watching television before going to sleep.

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Is the ComfortCurve quiet?

The dual diffusion ports located on both sides of the cross tube make the ComfortCurve exceptionally quiet. These ports are specifically designed to disperse air for a quiet and less-directed flow of exhalation. Our trial participants were very impressed by the low level of noise created by the diffusion ports particularly when compared to similar competitive products.

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What did patients in your trials say about the ComfortCurve?

Patients in our trials were most impressed by the comfort of the cushion and the lightweight and more flexible tubing system. They were very pleased that they could get a compact, low profile and less invasive experience from a product that created no unnecessary nostril irritation, pressure or pulling.

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What is the best way to disassemble the tubing?

In order to disassemble the Tubing System from the ComfortCurve, place your thumb over the elbow of the tubing connection and your fingers around the tubing then unsnap the elbow from the cross tube. This is the designated method for disconnecting the tubing system and will not damage the interface system.

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How should the clip be used that comes with the tubing?

The stability clip that comes assembled to the tubing system is an optional accessory that may improve the patient experience. It can be used to attach the tubing system and isolate movement or can also be used to better manage the shorter tubes. See the Photo Gallery for specific illustrations.

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What information comes with the ComfortCurve?

The ComfortCurve Nasal Interface System includes an instruction manual, a step-by-step assembly insert, a registration card, and a useful replacement reminder card and sticker that can help track and manage supply replacement opportunities.

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Can the ComfortCurve be used with a chin strap?

Yes.

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What are the numbers on the bottom of the ComfortCurve pad support?

The numbers that appear on the bottom of the cheek pad support represent the Part Number of the ComfortCurve and the Lot Number that indicates the date of manufacture (YYMMDD). These numbers are used to track the product and allow for detailed user registration.

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