



# Patient Interface



The key to better patient compliance.

# Patient Interface

Our mask solutions for at home and in hospital.



Requirements are highly varied for ventilation masks used in the Homecare area (sleep medicine and outpatient ventilation). The masks have to offer wearing comfort and a perfect fit. They should also be small, lightweight and easy to use. The exhalation system should be quiet with a diffuse flow and a ball-and-socket joint should provide freedom of movement. Finally, the mask should look good too.

The demands on masks used in the hospital have a different focus. There the ventilation masks need a good seal and a stable fit to be able to withstand high pressures. That's particularly important because the pressure difference between inspiration and expiration is often considerable. Depending on their specific uses, the masks have to be reusable (suitable for hygienic reprocessing) or disposable after one use (Single-Patient Use).

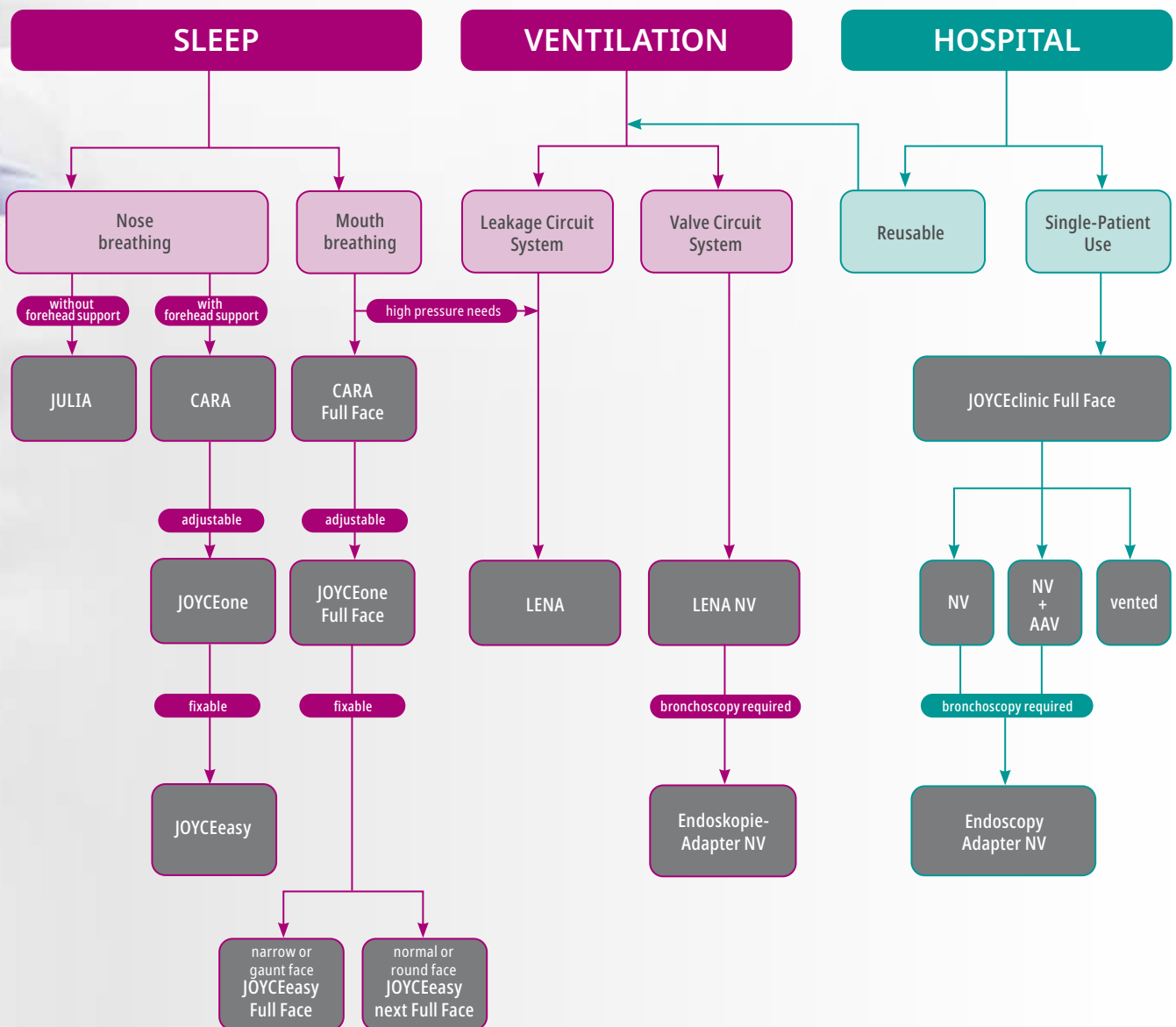
Satisfying these mask requirements is key to more patient compliance and therapy success. Our mask assortment meets the challenge with a wide range of solutions:

The homecare segment includes the outstanding CARA family, the small JULIA, the adaptable JOYCEone family and the easy-to-use JOYCEeasy family.

In the hospital segment we offer the Single-Patient-Use mask JOYCEclinic Full Face and the LENA ventilation mask that can be hygienically reprocessed and reused.

**Thanks to this variety, every patient can find exactly the right mask.**

## The right mask for every requirement:





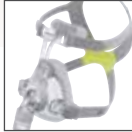


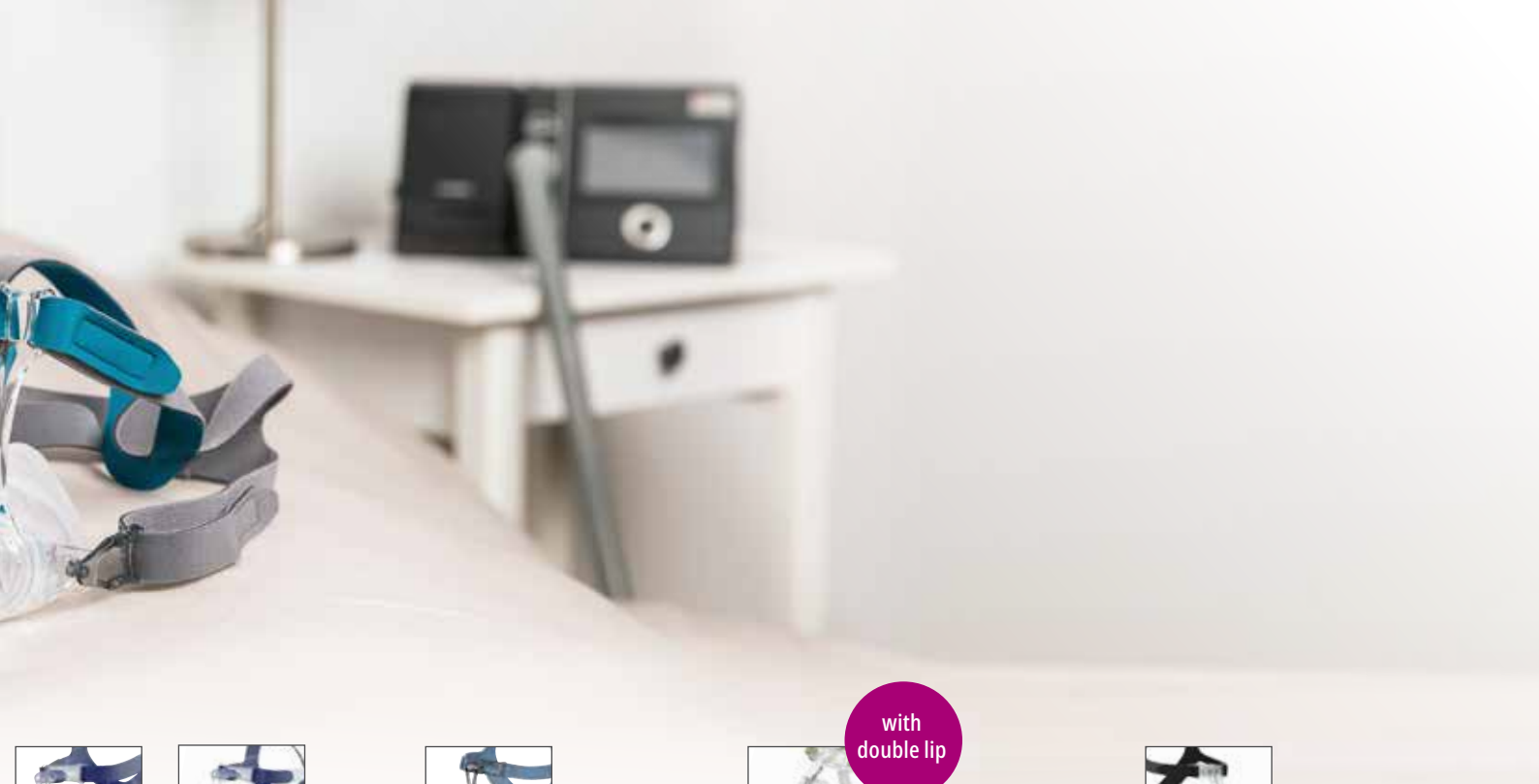
Our award-winning CARA masks



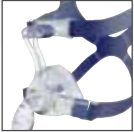


## An overview of our masks



							
		CARA	CARA Full Face	JULIA	JOYCEone	JOYCEone Full Face	
		Nasal mask	Full face mask	Nasal mask	Nasal mask	Full face mask	
		vented	vented	vented	vented	vented	non-vented
Size/ Order number	XS	25590	—	—	—	—	—
	S	25600	25630	26710	25260	25290	25270
	M		25640	26720			
	L	25610	25650	26730			
	XL	25580	25680	—			
Pressure range		4 – 30 hPa	4 – 25 hPa	4 - 30 hPa	4 – 30 hPa	4 – 30 hPa	4 – 30 hPa
Noise level (db(A) at 10 hPa) Sound pressure level		18	19	18	19	19	—
Sustainable		—	—	●	—	—	—
Ball-and-socket joint		●	●	Flexible mask tube	●	●	—
Can be reprocessed for change of patient		●	●	●	●	●	●
Made in Germany		●	●	●	●	●	●



with double lip

								
JOYCEeasy	JOYCEeasy Full Face	JOYCEeasy next Full Face		LENA		JOYCEclinic Full Face		
Nasal mask	Full face mask	Full face mask		Full face mask		Full face mask		
vented	vented	vented	non-vented	vented	non-vented	non-vented	non-vented + AAV	vented
—	—	—	—	—	—	—	—	—
25510	25910	25109	25159	26460	26960	26805 / 26857*	26845 / 26869*	26840 / 26866*
25520	25920	25119	25169	26470	26970	26815 / 26858*	26855 / 26870*	26850 / 26867*
25530	25930	25129	25179	26480	26980	26825 / 26859*	26865 / 26871*	26860 / 26868*
—	—	—	—	—	—	—	—	—
4 – 30 hPa	4 – 30 hPa	4 – 40 hPa	4 – 40 hPa	4 – 35 hPa	4 – 35 hPa	4 – 50 hPa	4 – 50 hPa	4 – 50 hPa
17	13	13	—	12	—	—	—	—
—	—	—	—	—	—	—	—	—
•	•	•	—	•	—	—	—	—
•	•	•	•	•	•	—	—	—
•	•	•	•	•	•	•	•	•

\* in a set of 10

## The fit & sizes

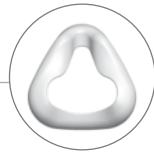
Nasal cushions



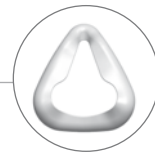
**JULIA**  
3 sizes for up to 95%  
of all faces



**CARA**  
4 sizes for  
95 percent of all faces



**JOYCEone**  
one size / broader  
and more flexible at  
bridge of nose



**JOYCEeasy**  
narrow design

Full face cushions



**LENA**  
stable at pressures up  
to 35 mbar  
in three sizes

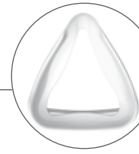
with  
double lip



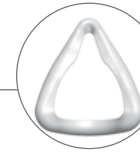
**CARA Full Face**  
4 sizes for  
90 percent of all faces



**JOYCEone Full Face**  
one size / broader and  
more flexible at  
bridge of nose



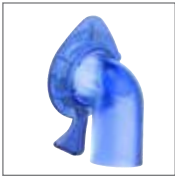
**JOYCEeasy next Full Face**  
broader and longer than  
JOYCEeasy Full Face /  
higher pressures



**JOYCEeasy Full Face**  
narrow design



## Accessories



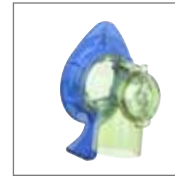
### NV Elbow

In addition to the standard vented variant, we offer the Elbow Full Face NV Set.



### NV+AAV Elbow

Besides the standard vented and non-vented elbows, we offer the variant non-vented with Anti-Asphyxia Valve (AAV).



### Endoscopy Adapter

Endoscopic examination during NIV with our solution for professional users. On many of our masks, simply replace the mask elbow with the Endoscopy Adapter.



### Quick-release Cord

The quick-release cord is used in place of headgear clips. Patients with arthritis or limited mobility (e.g., after a stroke) benefit from the simple use.



### XL Headgear

This headgear is the top choice of patients with a head circumference of more than 60 cm. It can be combined with all standard masks.



### WILAsilent 2

This external passive exhalation valve is used in clinical environments with NV masks.

	NV Elbow	NV+ AAV Elbow	Endoscopy Adapter NV	Quick-release Cord	XL Headgear (without clips)
<b>CARA</b>	—	—	—	—	●
<b>CARA Full Face</b>	—	—	—	25623	●
<b>JULIA</b>	—	—	—	—	—
<b>JOYCEone</b>	—	—	—	—	●
<b>JOYCEone Full Face</b>	25275	—	15864	26890	●
<b>JOYCEeasy</b>	—	—	—	—	●
<b>JOYCEeasy Full Face</b>	25275	—	15864	26890	●
<b>JOYCEeasy next Full Face</b>	25275	—	15864	26890	●
<b>LENA</b>	15970	—	15968	26464	●
<b>JOYCEclinic Full Face</b>	25269	26834	15864	Included in standard supply schedule	—

Made in  
Germany

**LÖWENSTEIN**  
medical

**Sales + Service**

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 With people in mind



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