

## aerstent<sup>®</sup> TBS

Trachea Bronchus Stent



## aerstent<sup>®</sup> TBJ

J Carina Stent



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a bess group company

## 1 Dear Patient,

You have been given an implant of the type aerstent TBS / TBJ. For your own safety, please read this Patient Information Document carefully and keep it somewhere safe. If you have any questions about your implant, please contact the physician who treats you.

## 2 About this Document

### 2.1 Symbols Glossary











Symbol	Description
	MR conditional
	Catalog number
	Batch code
	Unique Device Identification (UDI)
	Manufacturer
	Distributor
	Patient name
	Implantation date
	Name of facility through which the implantation was performed
	Patient Information Website

Table 1: Symbols Glossary

### 2.2 Safety Information Marking

#### WARNING

Non-compliance may result in serious injuries, serious deterioration of your general condition or your death.

## 3 What you must look out for

1. Always carry your implant card with you. Show your implant card and this Patient Information Document to your treating physician before undergoing diagnostic or therapeutic procedures.
2. To prevent any encrustation, perform regular damp inhalations with saline.
3. Contact your doctor if you experience one or more of the following symptoms: Foreign body sensation, halitosis (bad breath), bleeding
4. Stick to the appointments you make with your treating physician for follow-up examinations and observe their instructions for any necessary follow-up measures.

ATTENTION: Your aerstent TBS / TBJ must be monitored regularly by your attending physician. Be sure to keep your appointments for these follow-up examinations and follow your physician's advice on the necessary aftercare measures. This is especially true when the intended lifetime of your aerstent TBS / TBJ has been reached ([ ▶ Expected Lifetime, page 3 ]).

## 4 Product Description

### 4.1 General information

- Self-expanding, woven metal stent
- Complete cover

## 4.2 Materials with Potential Patient Contact

Product (part)	Material	Contact person	Type of contact
Struts	100% Nitinol <sup>1)</sup>	Patient	In the event of product damage
Coating	100% implant-grade silicone	Patient	With every use
X-ray markers	100% Tantalum	Patient	In the event of product damage

<sup>1)</sup> Potentially sensitizing / allergenic material

## 5 Intended Use

### 5.1 Intended Purpose

The stent is intended to maintain the patency of the target organ and / or to cover pathological changes.

### 5.2 Patient Target Group

The product is suitable for use in the following patient groups:

- Children and youth
- Adults
- Patients of all genders

### 5.3 Expected Lifetime

Expected lifetime: 12 months

The likelihood of complications and product damage increases with increasing application duration.

Unless an earlier replacement is needed, it is recommended to replace the product after 12 months as a precautionary measure.

## 6 Expected Clinical Benefit

According to the clinical evaluation, aerstent TBS / TBJ can be used safely and easily for closing tracheal defects and achieving patency of the trachea and main bronchi.

## 7 Possible Complications and Side Effects

The following product-related complications are known:

- Stent breakage
- Bleeding
- Perforations
- Stent migration
- Tracheal obstruction
- Formation of granulation tissue
- Ingrowth of / overgrowth with tissue
- Secretion obstruction
- Infection
- Foreign body sensation
- Persistent pain
- Restenosis due to progressive tumor growth
- Halitosis
- Decay of the cover due to microbial colonisation

Other known complications such as in endoscopic interventions.

Special caution recommended in the following cases:

- Severe cardiopulmonary dysfunction
- Ulcer in the target area or in the access to the target area
- Massive bleeding or blood clotting disorders

For patients with tracheostoma: Place the stent far enough from the tracheostoma to prevent reciprocal damage to the stent and the tracheal cannula.

## 8 Combining with Other Procedures

### WARNING

- Laser therapy, argon plasma coagulation, high-frequency surgery, cryotherapy and other procedures, the effect of which is due to heat or cold: Do not use those methods directly on the product. Otherwise, injury to the tissue and product damage are possible.
- The product is MRI conditional. Use the product in MRI fields only as per specification. Possible consequences of using the product in MRI fields outside the specifications include: Heating of the product, electromagnetic discharges, consequential damages caused by the application of force to the product, errors in the imaging (also in the surrounding tissue)

For important information about MRI see:

aerstent TBS: <http://www.leufen-medical.eu/tbs>

aerstent TBJ: <http://www.leufen-medical.eu/tbj>

Any method for reducing tissue, such as chemotherapy or radiation therapy, can lead to stent migration.

## 9 Other Residual Risks

Beyond the listed safety instructions, possible complications and side effects, no further significant residual risks are known.

## 10 Additional Information

Download link for the Patient Information Document: <sup>1)</sup>	<a href="http://www.leufen-medical.eu/pi/lmpi0003">www.leufen-medical.eu/pi/lmpi0003</a>
Summary of Safety and Clinical Performance (SSCP): <sup>1)2)</sup>	<a href="https://ec.europa.eu/tools/eudamed">https://ec.europa.eu/tools/eudamed</a> To search for the product-specific SSCP, enter the basic UDI-DI of the product.
Basic UDI-DI (device identifier):	4063106AST8Z

<sup>1)</sup> Updated on an ongoing basis.

<sup>2)</sup> Is only available with the entry into force of the EUDAMED database.

The catalog number and batch code for your implant can be found on your implant card.

For Australia:

ATTENTION: In case that any serious incident has occurred in relation to the device the incident should be reported to the manufacturer and to the competent authority of the Member State in which you live.

<https://www.tga.gov.au/>