



# heliogast<sup>®</sup> HAGA

## ADJUSTABLE GASTRIC BAND

### Characteristics

Obesity is a danger for the health and the quality of patient's life. As a minimally invasive, biocompatible, reversible and atraumatic medical implant, HELIOGAST<sup>®</sup> HAGA is a guarantee of safe and effective treatment for obesity.

#### Surgical and minimally invasive

- Implanted in less than an hour by coelioscopic route.
- Size of scars limited.

#### Safety and comfort

- Low-pressure inflatable cuff with a totally atraumatic surface.

#### Double balloon band

- Better stability.

#### Easy to insert

- Shape memory band.

#### Reversible

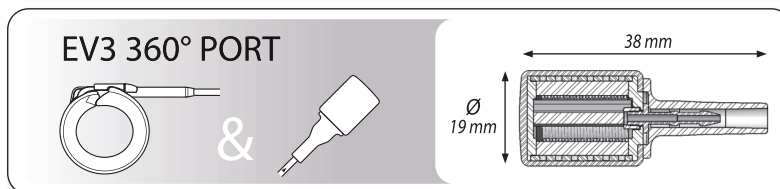
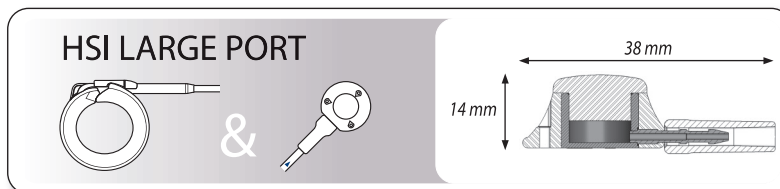
- Extractable by laparoscopy.

#### Innovative ports

- Three unique and patented implantable ports.
- Surfaces covered in silicone for patient comfort.
- A cylindrical port with 360° accessibility facilitates injection by needle and avoids fixation of the site and the risks of roll-over.



LNE/G-Med CE marking



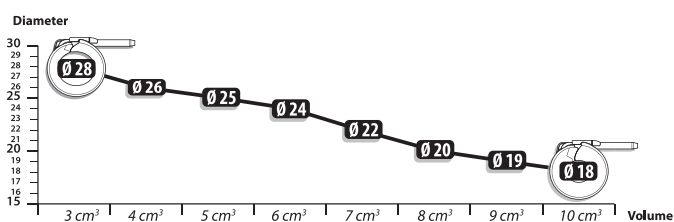
- HELIOGAST<sup>®</sup> HAGA**
- One adjustable gastric band
  - One implantable port
  - Two locks
  - One straight Huber needle
  - One 5 cm<sup>3</sup> syringe
  - One foam-tipped needle
  - One sealing stopper
  - One cuffed gastric tube



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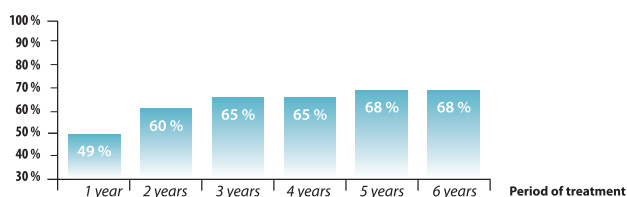
## ADJUSTABLE GASTRIC BAND

### Range of use



### Excess weight loss (%)

After implantation of the adjustable HELIOGAST<sup>®</sup> HAGA band<sup>(1)</sup>



## Indications

Surgery for obesity by gastroplasty is considered where all medically managed diets have not enabled a long-term weight loss to be achieved. It is important for the success of the treatment that the use of the adjustable HELIOGAST<sup>®</sup> HAGA band is accompanied by dietetic and medical monitoring.

### Obesity with comorbidities (BMI 35-40)

- Threatening the vital or functional prognosis: cardio-respiratory impairment, incapacitating osteo-articular impairment, serious metabolic disorders not controlled by intensive treatment etc.

### Morbid obesity (IMC > 40)

- Resistant to medical treatments and exposing the patient to the risk of major complications not controlled by intensive treatment.

See too the HELIOGAST<sup>®</sup> HAGE band

## BIBLIOGRAPHY

Results From a French Prospective Multicentric Study of Heliogast Adjustable Gastric Band, S. Msika - Oral presentation XIV World Congress - Paris, France - 2009 - Published in: *Obesity Surgery*, 2009, Volume 19, Number 8, Pages 953-1076

The Gastric Band: Tricks And Tips To Achieve Satisfactory EWL% And Low Percentage Of Complications, F. Bellini - Oral presentation IFSO XV World Congress - Los Angeles, USA - 2010 - Published in: *Obesity Surgery*, 2010, volume 20, number 8, pages 969-1077

<sup>(1)</sup> Six years experience with adjustable gastric band. Analysis of 1,582 cases - 41 tonnes weight loss, N. Sikas - Poster from IFSO XV World Congress - Los Angeles, USA - 2010 - Published in: *Obesity Surgery*, 2010, volume 20, number 8, pages 969-1077

## Results

Placed around the stomach, the adjustable HELIOGAST<sup>®</sup> HAGA band allows the quantity of food absorbed to be regulated. The patient gets a feeling of satiety quickly. The patient eats less and loses weight.

### Efficacy

- 68% excess weight loss after 5 years of implantation of the adjustable HELIOGAST<sup>®</sup> HAGA band.<sup>(1)</sup>

### Tolerance

- Low rate of complications after implantation of the adjustable HELIOGAST<sup>®</sup> HAGA band.<sup>(1)</sup>

### Eating habits

- Change of eating habits by learning to eat slowly (passage reduced by the band) and in reasonable quantities.

FROM TECHNOLOGY TO HUMAN

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