



heliosphere® BAG

INTRAGASTRIC AIR BALLOON

Characteristics

Obesity is a danger for the health and the quality of patient's life. As a minimally invasive, reversible and comfortable medical implant, HELIOSPHERE® BAG is a guarantee of safe and effective treatment for obesity.

Non-surgical and minimally invasive

- Implanted in around 30 minutes by endoscopic route without the need to hospitalise the patient.

Inflated with air

- Light so reducing post-implantation nausea, vomiting and the feeling of pain.

Temporary

- The implant is left in place for 6 months.

Airtight

- Initial volume assured.

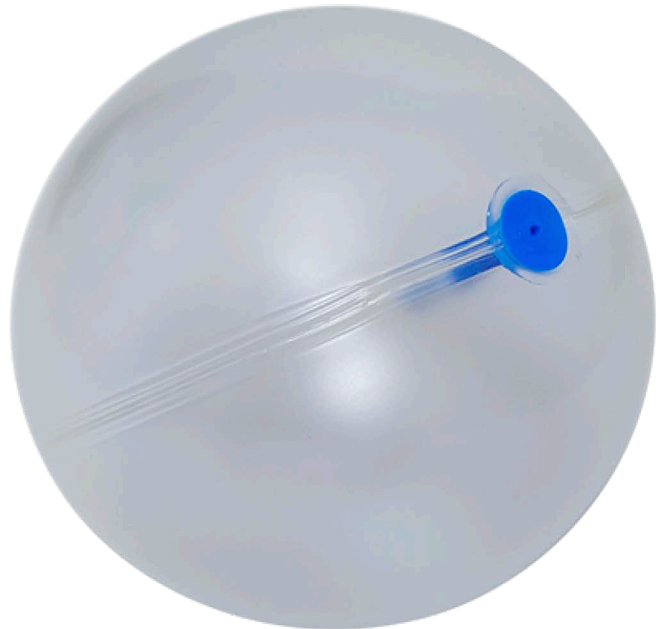
Easy to put in place

- Patented cover removal system.

Easy to extract

- Reduction in extraction force and wall thickness.

LNE/G-Med CE marking



VOLUME OF INFLATED BALLOON **550 cm³**

Ø 10 cm

60 cc
x10

HELIOSPHERE® BAG

Ø 10 cm

- 1 double-pouch balloon
- 1 insertion kit pre-connected to the balloon
- 1 X 60 cc syringe

HELIOSPHERE® BAG-EXTRACT

- 1 deflation needle
- 1 pair of extraction forceps
- 1 universal connector for aspiration tube

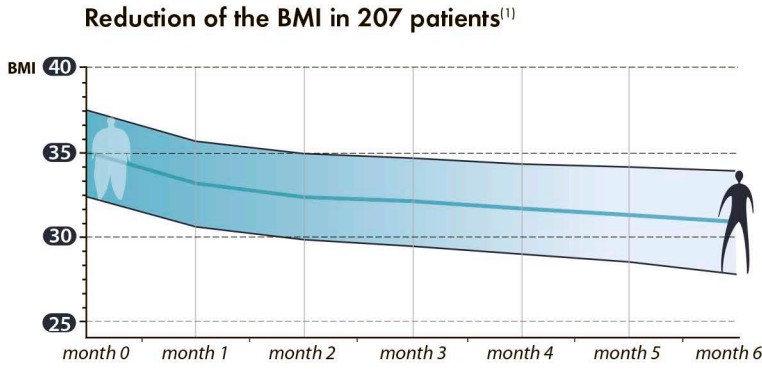


TREATMENT FOR OBESITY

MEDICAL IMPLANTS
helioscopie

heliosphere® BAG

INTRAGASTRIC AIR BALLOON



⁽¹⁾ According to the European prospective database (Observatory of HELIOSCOPE).

Indications

It is important for the success of the treatment that the use of the HELIOSPHERE® BAG intragastric balloon is accompanied by dietetic and medical monitoring.

Obesity (BMI 30-40)

- Serious medical risks.

Type II diabetes

- Difficult to balance due to excess weight.

Surgery for obesity (BMI >35-40)

- Anaesthetic or surgical contra-indication or refusal to surgery.

For pre-operative use or for morbid obesity, the use of the HELIOSPHERE® BAG PRE OP intragastric balloon is recommended.

BIBLIOGRAPHY

⁽²⁾ Tolerance And Efficacy Of An Air-Filled Balloon In Non-Morbidly Obese Patients... F. Mion. *Obesity Surgery*, 2007; 17, 764-769

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Heliosphere Intragastric Air Balloon: Our Initial Experience In The Dominican Republic. Dk Ramirez. (2006), Intragastric Balloon For Obesity: Comparative Study With 420 Patients: New Generation Airfilled Vs Liquid-Filled. C Hermida. (2006) or from the UEGW : Primary Experience With Air Filled Intragastric Balloon Confronted To Liquid Intragastric Balloon Literature Data. H. Claudez (2005)

Results

Once inflated, the balloon reduces the nominal volume of the stomach. By acting on the mechano-receptors in the upper part of the stomach, the HELIOSPHERE® BAG stimulates a rapid feeling of satiety at meals. The patient eats less and loses weight.

Efficacy

- Loss of weight, even up to 24 kg.⁽¹⁾

Tolerance

- Vomiting lasts for less than 3 days.⁽²⁾
Less than 1% of balloons extracted early.⁽²⁾

Eating habits

- Change of eating habits by learning to eat reasonable quantities.



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