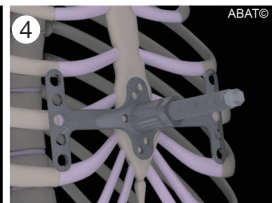
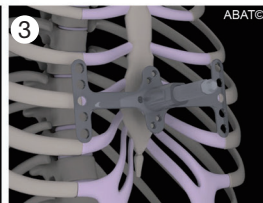
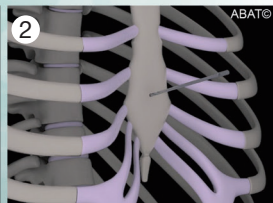
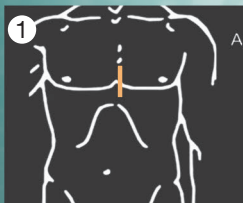


# Pectus UP surgery kit, the solution for Pectus Excavatum

## What is Pectus Excavatum?

- A congenital deformity of the chest cavity characterised by the concave or “funnel-like” shape of the chest
- The sternum is turned inwards, putting pressure on the vital organs within the thorax, restricting their capacity for growth and provoking shortness of breath and respiratory problems
- It affects 1 in 500 children and is the most common congenital abnormality of the chest wall (90%)
- The ailment is slight at birth, becoming more pronounced during infancy and adolescence



Surgical procedure



Pectus UP surgery kit

## The solution: Pectus UP

Ventura Medical Technologies, jointly with Dr. Bardají (Corporació Sanitària Parc Taulí), has developed a new product (Pectus UP Surgery Kit) for the treatment of Pectus Excavatum patients.

**Pectus UP Surgery Kit** is an implant and a set of tools manufactured in order to treat this pathology with a new surgical method called **Taulinoplastia**, which is less painful and entails a shorter convalescence period than other methods.

## Surgical procedure

1. Make an incision for placing the plate in the area of the chest with greatest degree of sinking
2. Make a small puncture into the patient's sternum
3. Place the plate in the desired position, ensuring that it aligns with the puncture and add the lifting system.
4. Lift the sternum to the ideal position and fix the plate with screws. Remove the lifting system and close the incision

## Advantages over other techniques

- Minimally invasive surgery
- External device in the subcutaneous tissue
- Minimal blood loss
- Much shorter recovery period
- There is no risk of affecting internal organs
- Shorter surgical intervention
- Small incisions
- Less pain and minimal analgesic consumption
- Much shorter recovery period
- Fewer hospitalization stays
- Does not require intensive treatment
- No intraoperative complications







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**Ventura Medical Technologies** is a company focused on the development of innovative products of the biomedical sector that provides the necessary know-how and experience from the industrial sector, and ensures the manufacturing and marketing of any product previously designed at experimental level.

**BVentura Corp.**

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Manufacture of high precision and quality mechanical components for leading companies in the automotive sector, but also in truck, motorbike and aviation industry.



The company was created in the year 2010 within the group's diversification strategy framework and focused on the development of innovative solutions in the health sector.

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