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

The solution: Pectus UP

Ventura Medical Technologies 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
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.