

WEBINAR PECTUS UP

QUESTIONS/ANSWERS



SPEAKERS



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What Haller Index measurement indicates need for this surgery?

A Haller index greater than 3.25 is sufficient indication; however, there are other more relevant aspects in the decision to operate on one of these patients, such as the self-image and the social or emotional impact that the patient attributes to his/her malformation in the chest. An evaluation by a professional is indispensable against diagnosis, beyond the index reported in the chest CT.

What is the fatality risk?

Being extra-thoracic, the complications are minor.

It is true that this is a simpler technique, but in the case of asymmetry, is an additional procedure is required?

Only in extreme cases of asymmetry will an additional procedure be required.

Are there reports of Pectus up rupture?

There are no cases of rupture in any of the past interventions.

Can exercise surgery or therapy for a 12-year-old be avoided?

Exercise and physical therapy are highly recommended because it can improve many postural aspects and strengthen the muscles. Exercise or physical therapy do not prevent surgery when the indication of treatment is surgical.

When there are other malformations produced by syndromes such as FOP, that show ossification in the sternum, is this treatment recommended?

The treatment with Pectus Up always is recommended if the surgeon advises it. Having other malformations can be treated in the same surgery by combining other techniques. Having a FOP will depend on the level of ossification of the muscles and tendons. Depending on where you live, any of the expert surgeons can be contacted in Pectus Up section of the website of Ventura Medical Technologies <https://pectusup.com/profesionales/>.

I am a kinesiologist and I would like to know what rehab is like, what level of exercise is allowed?

Exercises that involve major torso movements should be avoided for the first 6 months.



Is the Pectus Up compatible with Contact Sports?

This is dependent on the type of sport and its intensity, but it is not recommended in the first few months following intervention. After 6 months, the surgeon may consider this option.

For Marfan adolescent patients, is this intervention common?

This operation has only been performed on one patient with Marfan with excellent results. There has been no reintervention.

Can 12-year old's make their pectus Excavatum worse?

This depends on the patient, but it is not uncommon that sinking can worsen until end of growth (after puberty). At this age, an annual checkup by a pediatric surgeon well versed in chest malformations is recommended. Consult the following website for more information: <https://pectusup.com/profesionales/>

I have an 8-month baby with quite a pronounced Pectus, could the vacuum hood be used already? What would be the earliest age to operate?

The ideal age for the operation is between 10 and 12 years old but mainly depends on each particular case. The recommendations of a surgeon should always be followed. As for the use of a vacuum hood, we recommend that you contact a pediatric surgeon that treats chest malformations.

I have had an operation with a Nuss bar. I withdrew the bar for pain, and now at 35 years old I would like to try this technique. Would this be recommended?

An intervention with the Pectus Up has been performed due to failure of a Nuss bar with very good results. It is a good option that you should discuss with a surgeon in Pectus Up.

How recommended is the procedure at the age of 35 years and with a Haller index of 1.4? The only options that have been given to me in my country is the Nuss bar since in Columbia there are still no plastic surgeons that perform the 3D implant, but this technique is so traumatic that I have never considered it.

For your age and Haller Index, a Pectus Up can be performed, but this is dependent on the type of Pectus Excavatum you have. If you have a CT scan, it would be very easy to evaluate your Pectus Excavatum to know what technique would be most suitable.

Dr. Carlos Rodríguez, a chest surgeon in Bogota, could perform the assessment of your case. You can contact him through Sr. Edgar Salazar, the distributor of Pectus Up in Colombia esalazar@biomedisys.co.



I received a Nuss bar operation in 2008 and had to get it removed. Nowadays, I keep smashing my back, I have poor posture, and have feelings of compression...would I be able to have this surgery at 35 years old?

A Pectus Excavatum intervention with the Pectus up upon failure of the Nuss bar is possible, although your age and the rigidity in your chest would be an inconvenience when it comes to achieving results. There have been Pectus up intervention on patients that are 46 years old, but it always depends on the particular case.

I am from Bogota and have had a Nuss bar for 8 months and the improvement was mild, about 4 mm, but a sinking of almost 3 cm prevailed on the left side of the chest. Is there a problem in doing a surgery with the Pectus up in my case? I am 39 years old. Dr. Rodriguez did operations through EPS.

A Pectus Excavatum intervention with the Pectus Up upon failure of the Nuss bar can be done. It is a good option that you should discuss with an expert surgeon in Pectus Up. Contact Mr. Edgar Salazar, the distributor of the Pectus Up in Colombia. Email him at esalazar@biomedisys.co to know more about EPS.

Is this type of surgery already being practiced in Paraguay?

We are not in Paraguay yet, currently we operate in México, Colombia, Chile, and Costa Rica.

I am 16 years old and the depth of my cavity is 2.8 cm. In which city of Columbia is this Pectus Up surgery being performed and how much does it cost?

The interventions have been performed in Bogotá, Santa Marta and Manizales and soon in Pereira. The total price of the surgery will depend on the country, hospital, medical equipment, and which complementary tests are needed, among other things.

This question can be answered by Sr. Edgar Salazar, distributor of the Pectus Up in Colombia esalazar@biomedisys.co, providing you with contact from an expert surgeon.

Good morning, I also am from Columbia and am 22 years old, in my EPS like everyone here, there was a delay. From the general practitioner, I was sent to a family doctor who ordered a chest CT scan, spirometry, echocardiogram, and an electrocardiogram, but I couldn't take the echocardiogram because of the current contingency. My question or request is if you can tell me how I can speed up the process, as I was not referred directly to a chest surgeon in the EPS and I am wondering if this process would be quicker with prepaid medicine. If so, what would be the best option? Thanks a lot.

Please contact Sr. Edgar Salazar, the distributor of the Pectus Up in Colombia esalazar@biomedisys.co



How can I access the surgery in Columbia? In an EPS the process is very delayed.

We recommend that you contact el Sr. Edgar Salazar, distributor of the Pectus Up in Colombia esalazar@biomedisys.co

I suffer from arrythmias that have become more frequent in the past 2 years. The cardiologist on my case is almost certain that it is due to a malformation. Could I consider this type of surgery or do I have to get the arrythmias treated first? He prescribed me a Holter study, but because of the pandemic it had to be postponed.

It is more appropriate that you contact a surgeon (chest or pediatric, depending on your age) so that your Pectus Excavatum can be assessed, some of these malformations can affect the normal function of the heart or lungs. And if the cardiologist considers the arrythmias a result of your Pectus Excavatum, feel free to ask for a consultation with an expert surgeon.

Do you think surgery of this level can be authorized in Columbia?

In Columbia, a total of 17 surgeries have been performed. The procedure is covered by the Health Benefits Plan. In all cases, we recommend you contact Sr. Edgar Salazar, the distributor of the Pectus Up in Colombia esalazar@biomedisys.co.

What is the process of accessing surgery through an EPS?

The process is initiated with an assessment by a chest or pediatric surgeon, depending on the patient's age. This is done through EPS or Prepaid Medicine. Once the specialist defines the desirability of using the Pectus Up as a treatment alternative for correction, the surgeon will proceed to formulate it. With this formulation, the EPS should authorize treatment.

In the electrocardiogram it comes out that I have an incomplete right branch blockage and the electric axis deflected to the right with a sinus rhythm. Could it be because of a Pectus Excavatum? Is it cause to justify surgical intervention?

This question should be answered by your cardiologist of reference in coordination with a chest or pediatric surgeon, depending on your age. Heart conditions have been seen in patients with Pectus Excavatum.

Hi, I am Carolina from Chile. My son was operated on by Dr. Herrera. We opted for this new method for my son because I saw testimonies on the internet that mentioned very traumatic pain with other techniques. My son is excellent. From my experience with my son, I recommend it 100%.

For more details about this case, contact jespinoza@pectus.cl, the distributor of the Pectus Up in Chile.

