



POSTER PRESENTATIONS

Presenting author is in blue bold

1. **A case of simultaneous surgical treatment: a girl with severe funnel chest combined with bilateral pulmonary alveoli**
Qi Zeng
2. **A new criteria proposal for determining the number of bars to be placed in a patient with pectus excavatum**
Tunc Lacin, Jeyhun Pashayev, Nezh Onur Ermerak, Rabia Nur Tok, Ozlem Demircioglu
3. **Assessment of positional changes in thoracic structure by the Nuss procedure as a useful countermeasure against recurrence after bar removal**
Masahiko Noguchi, Aya Tsuchiya, Kiichiro Yaguchi, Shunsuke Yuzuriha
4. **Compressive External bracing in Pectus Carinatum: Results of 1302 patient Turkish experience**
Nezh Onur Ermerak, Haktan Uygur Onen, Tunc Lacin, Mustafa Yuksel
5. **Ellipsoid model of normality- The goal of correction of Pectus Excavatum**
Christopher Satur
6. **Scapula Alata, a Rare Complication After Minimally Invasive Repair of Pectus Excavatum**
Elise van Polen, Iris EWG Laven, Jean Daemen, Karel WE Hulsewe, Yvonne L J Vissers, Eric de Loos
7. **New technique for sternal cleft repair with osteoconductive material in a young adult patient**
Maira Kalil, Maria Ribeiro Santos Morard, Rossano Kepter Alvim Fiorelli, Lorena Duarte Fernandes, Gabrielle Santos Oliveira
8. **Early bar removal after MIRPC: Indications, outcomes, and recurrence rates in multi-center international retrospective study**
Nezh Onur Ermerak, Luisa Maria Frankenbach, Miray Emren, Evgenij Werner, Tunc Lacin, Mustafa Yuksel, Stephen Rohleder

9. **The pectus care guidelines: best practices consensus guidelines from the joint specialist societies SCTS/ MF/ CWIG/BOA/BAPS for the treatment of patients with pectus abnormalities**
Clare Burdett, Joel Dunning, Anne Child, Carl Davies, Deborah Eastwood, Tim Goodacre, Frank Martin Haecker, Sean Marven, Sarah Murray, Babu Naidu, Bejal Pandya, Karen Redmond, Aman Coonar
10. **The preliminary experience of sandwich surgery in pectus carinatum repair**
Qi Zeng, Jie Yu, Chenghao Chen, Nan Zhang, Yujia Wu
11. **Results of External Compressive Bracing Application in Pectus Carinatum Patients**
Esra Yamansavci Sirzai, Tunc Lacin, Nezih Onur Ermerak, Necati Citak, Ahmet Ucvet
12. **Lung transplantation with concomitant severe pectus excavatum**
Jose R Matilla, Stefan Schwarz, Clemens Aigner, Konrad Hoetzenecker
13. **Impact of costal cartilage ossification on pectus excavatum surgery - poster presentation**
Kyohei Masai, Takahiro Suzuki, Yu Okubo, Kaoru Kaseda, Tomoyuki Hishida, Yoshitake Yamada, Keisuke Asakura
14. **Optimizing Efficacy of Vacuum Bell Therapy for Pectus Excavatum: Compliance is Key**
Megan Zaiyi Chiu, Kelly Bartkus, Gheed Murtadi, Craig W Lillehei, Steven Staffa, Farokh Demehri, Donna Koo, John Girona, Samantha Pillen, Konstantinos A Papadakis, David P Mooney
15. **Structured assessment of cardiopulmonary exercise tests in the assessment of Pectus Excavatum**
Christopher Satur
16. **Malignant Hyperthermia during the Nuss procedure**
Kristin Rassam, Duy Nguyen, Patrick McGovern, Lisa McMahon
17. **Postural Disorder and Chest Deformations**
Rustem Yakubovich Hayaliev, Sodiqjon Abdusalomov, Viktor Markushin, Sharif Rakhimiy
18. **Three Cases of Bilateral Pneumothorax Due to Iatrogenic Buffalo Chest**
Kazuma Nakayama, Kyohei Masai, Yu Okubo, Kaoru Kaseda, Tomoyuki Hishida, Keisuke Asakura

- 19. A pilot study of multi-modal pain management for same-day discharge after minimally invasive repair of pectus excavatum in children**
Mustafa Kabeer, Sophia Akinboro, Rebecca John, Troy Reyna, Rachel Davis, Christine Ayoub, Rebecca Sangster, Joseph Kim, Claudia Moreno Klein, Hai Nguyen, Yigit S Guner, Laura Goodman, Andreina Giron, Jacqueline Hurley, Aaryan Mukherjee
- 20. Implementation of a clinic for pediatric patients with thoracic wall malformations in San Juan de Pasto, Colombia**
Ricardo Zarama Marquez, Carlos Eduardo Villamil Giraldo, Guerliz Chavez Betancourth, Cesar Augusto Rincon Torres, Cristhian Camilo Cabrera Chamarro
- 21. Early Results of Polymer Cerclage System in Pectus Carinatum Surgery**
Esra Yamansavci Sirzai, Necati Citak, Ahmet Ucvet
- 22. Minimally Invasive Relief: Laparoscopic Rib Resection for Slipping Rib Syndrome**
Joaquin Pedro Camacho, Pablo Andres Lobos, Marcelo Mauricio Urquizo, Gaston Ricardo Elmo
- 23. Surgical Correction of Pectus Excavatum**
Rustem Yakubovich Hayaliev, Viktor Markushin, Sodiqjon Abdusalomov, Sharif Rakhimiy
- 24. It is quality that counts rather than quantity**
Frank Martin Haecker, Thomas F Krebs, Kai-Uwe Kleitsch
- 25. MIRPE with subxiphoid incision for Pectus Excavatum with several adhesions due to previous sternotomy or pectus surgery**
Nezih Onur Ermerak, Tunc Lacin, Mustafa Yuksel
- 26. Pectus Carinatum treatment with the use of Ecuadorian compression brace**
Luis Enrique Zea-Salazar, Virginia Margarita Garcia, **Maria Eugenia Guarquila Macias**
- 27. Evaluation of mechanical impact according to fastening method of metal bar using finite element method-based simulation in minimally invasive repair of pectus excavatum**
Hoseok I, Beop-Yong Lim, Chiseung Lee