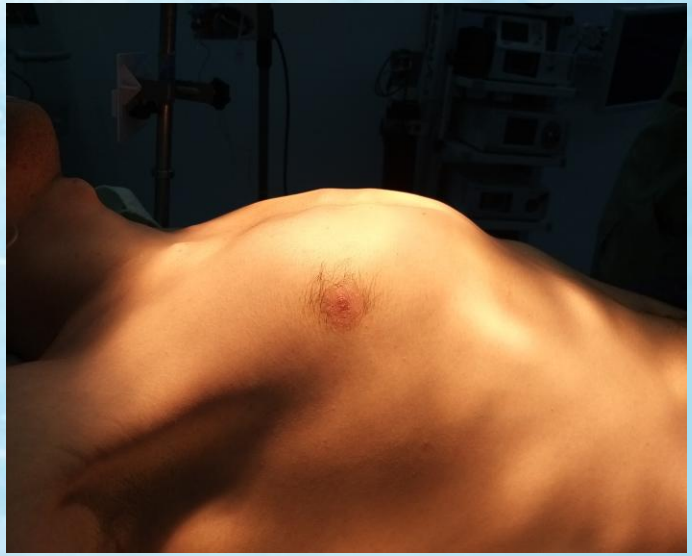
Uluslararası Katılımlı
ASYOD
AKCİĞER SAĞLIĞI KONGRESİ
Sizin Sesiniz, Sizin Kongreniz...
9-12 Nisan 2025
Sueno Deluxe Hotel, Belek/Antalya
UASK 2025
asyoduask2025.com

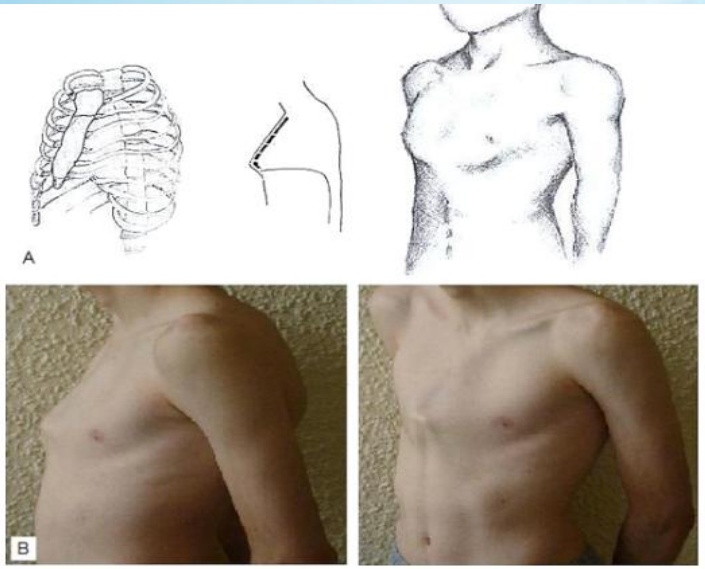
Olgularla Abramson Cerrahisi

Dr Esra Yamansavcı Şirzai

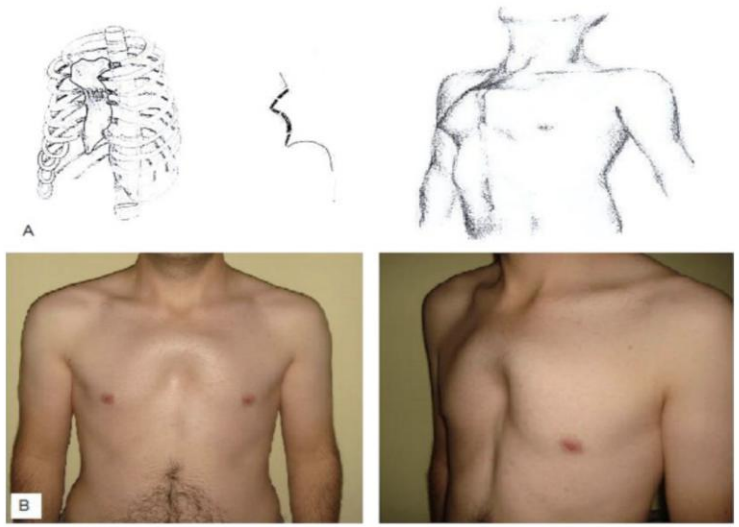
İzmir Dr Suat Seren Göğüs Hastanesi ve Cerrahisi EAH



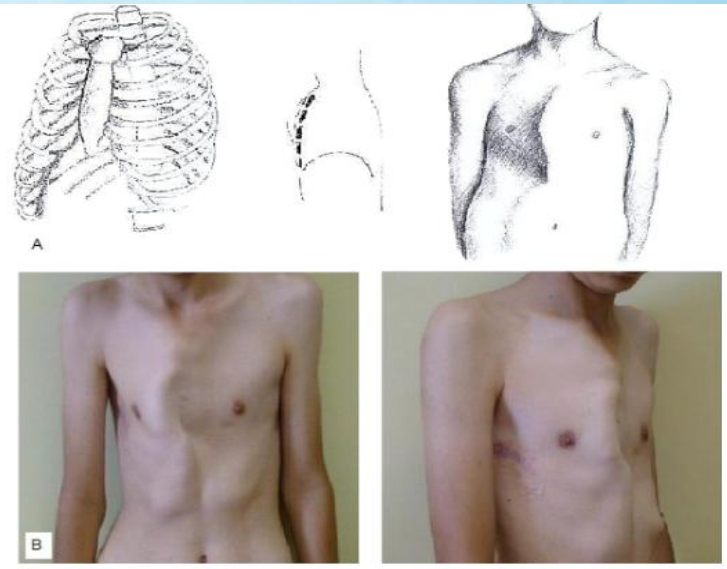
Chondrogladiolar



Costomanubrial (Pectus arcuatum)



Asymmetrical / lateral pectus carinatum



Minimally Invasive Repair of Pectus Carinatum

Mustafa Yuksel, MD, Tunc Lacin, MD, Nezih Onur Ermerak, MD, Esra Yamansavci Sirzai, MD, and Bihter Sayan, MD

Department of Thoracic Surgery, Marmara University Pendik Training and Research Hospital, Istanbul, Turkey

(Ann Thorac Surg 2018;105:915–23)

the sternum by a digital pressure calculator while the patient is leaning against a wall. If the compression force per cm^2 is less than 10 kg, orthotic bracing is recommended. In our group, 250 of 456 patients underwent

older age, and smaller first drop in pressure of treatment [25]. If the compression force applied is between 10 and 25 kg, this means that the chest wall is flexible enough to repair it with MIRPC. If the force exceeds 25 kg, this shows that the sternum is too rigid to be compressed and the open surgical technique is performed. Rigidity of the chest wall rather than the age has a greater effect on

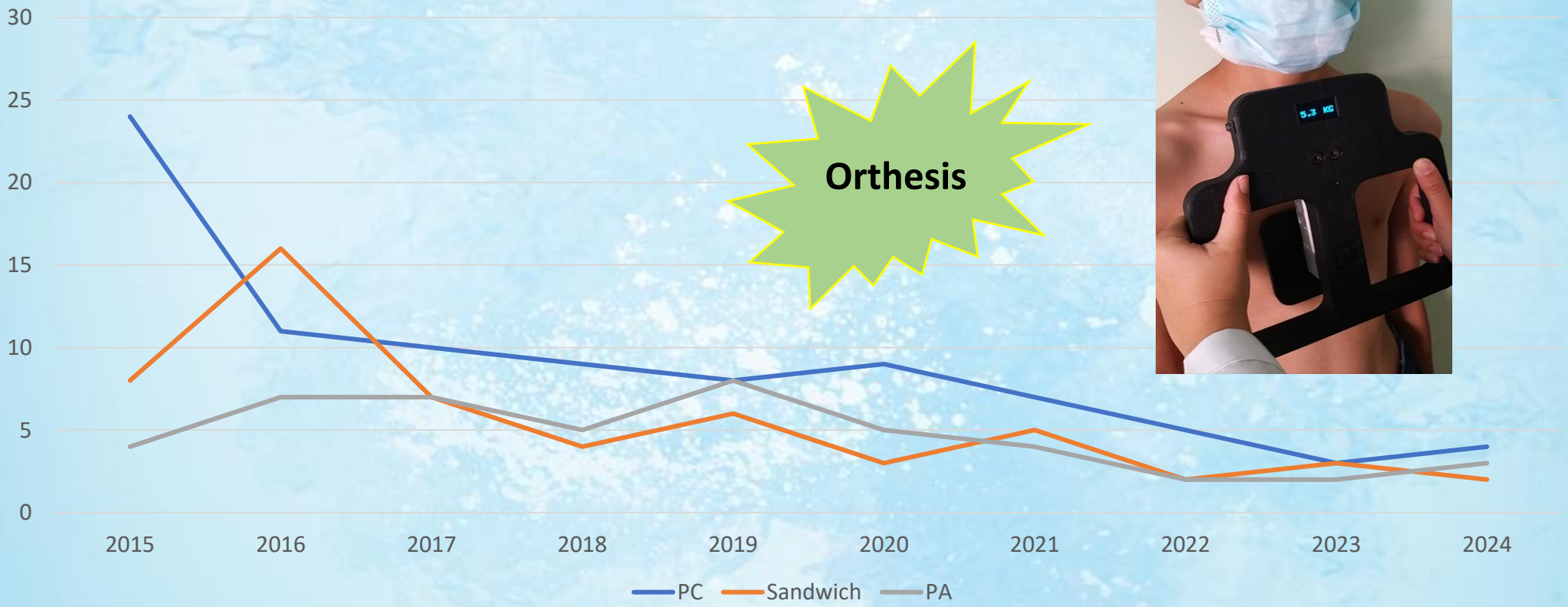
Basınç;

10 kg/cm2 ortez

10-25 kg/cm2 MIRPC

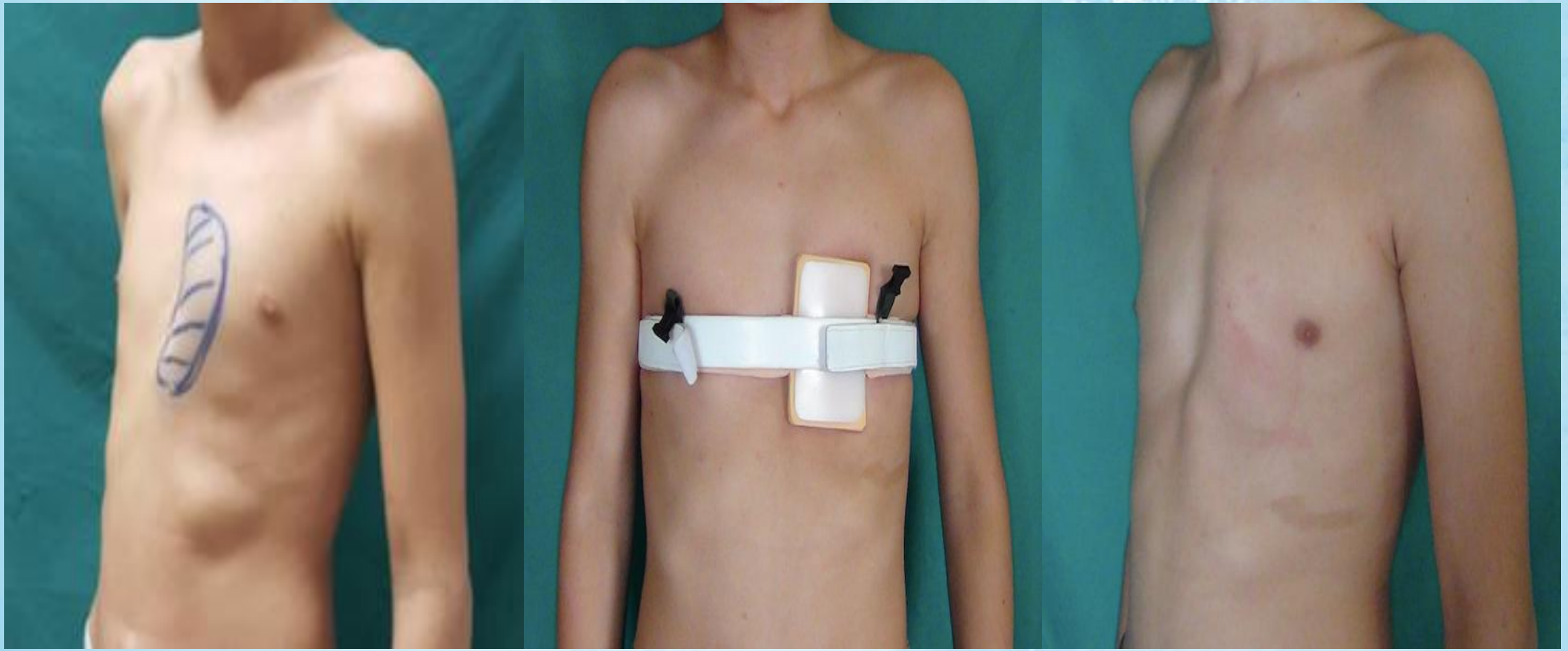
(Abramson)

25 kg/cm2 üzeri açık cerrahi


30
25
20
15
10
5
0
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
PC
Sandwich
PA

Orthesis

5.3 KG



14 yaş Erkek 4. ay kontrol

ASYOD
AKCİĞER SAĞLIĞI VE YOĞUN BAKIM DERNEĞİ

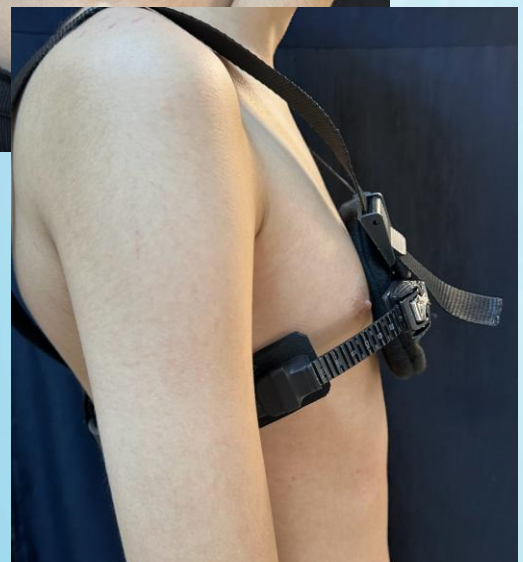
Uluslararası Katılımlı

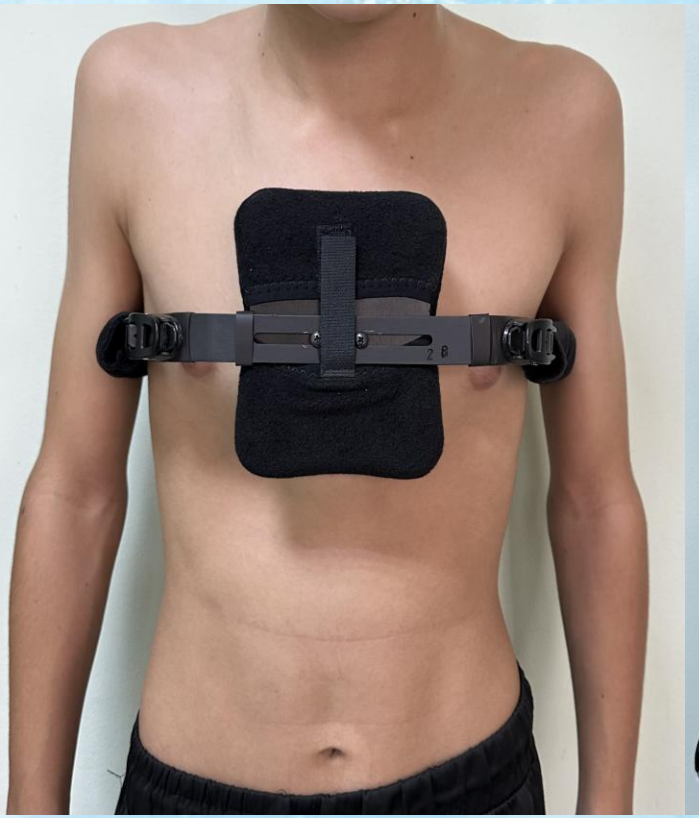
AKCİĞER SAĞLIĞI KONGRESİ

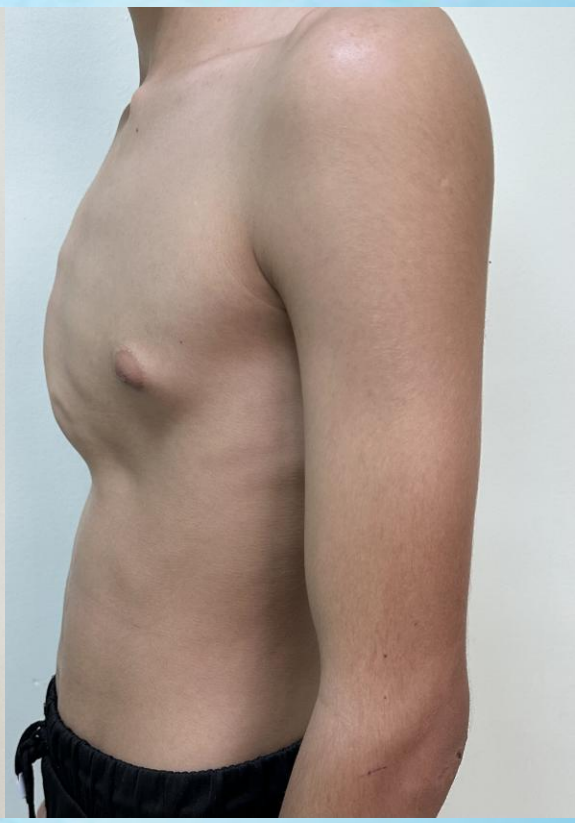
Sizin Sesiniz, Sizin Kongreniz...

9-12 Nisan 2025
Sueno Deluxe Hotel,
Belek/Antalya

UASK 2025
asyoduask2025.com







The effect on cardiopulmonary function after thoracoplasty in pectus carinatum: a systematic literature review

Stephan Sigl, **Barbara Del Frari***, **Carina Harasser**, **Anton H. Schwabegger**
Department of Plastic, Reconstructive and Aesthetic Surgery, Medical University Innsbruck, Innsbruck, Austria

As highlighted in this review, further investigation with higher level evidence and methodological rigour is necessary to determine any beneficial or adverse effect of surgical treatment of PC on cardiopulmonary function.

Europe PMC Funders Group
Author Manuscript
***Interact Cardiovasc Thorac Surg*. Author manuscript; available in PMC 2021 April 06.**

Published in final edited form as:
Interact Cardiovasc Thorac Surg. 2018 March 01; 26(3): 474–479. doi:10.1093/icvts/ivx353.

Review Article

Minimally invasive repair of pectus carinatum by the Abramson method: A systematic review

Tessa C.M. Geraedts[a], Jean H.T. Daemen[a,b], Yvonne L.J. Vissers[a], Karel W.E. Hulsewé[a], Hans G.L. Van Veer[c,d], Horacio Abramson[e], Erik R. de Loos[a,*]

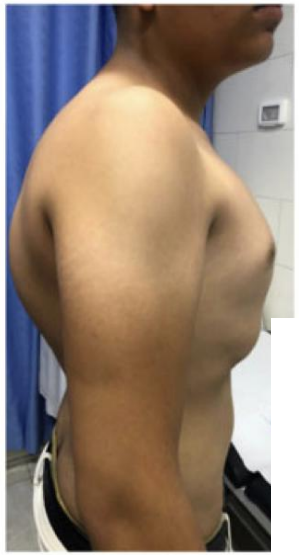
Outcome measures after implant removal.

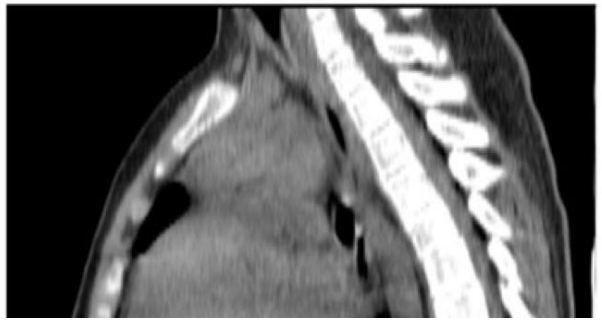
Author	Number of participants (n)	Bar removal, n (%)	Estethic results after bar removal (n,%)	Planned time to bar removal, months	Reason for early bar removal (n,%)	Recurrence after bar removal, n (%)
Katrancioglu et al.	32	15 (46.9)	Excellent (8, 53.3), good (3, 20.0), fair (2, 13.3), poor (2, 13.3)	36	Skin erosion (2, 13.3); overcorrection (1, 6.7)	No reccurence
Yuksel et al.	172	130 (75.6)	Unsatisfactory results (8, 6.2).	At least 24 (removal can be postponed to 36 - 48 months in >18 years old)	Overcorrection (10, 7.7), nickel allergy (2, 1.5)	5 (3.8%)
Özkaya et al.	101	44 (43.6)	Satisfied (43, 97.7), unsatisfied (1, 2.3)	At least 24 (<18 years old); at least 36 (>18 years old)	Skin perforation (2, 4.5)	NR
Suh et al.	16	11 (68.7)	NR	24	Wound infection (1, 9.1)	NR
Schaarschmidt et al.	35	3 (8.6)	NR	24 (a bit longer in older or redo patients)	NR	No recurrence
Abramson et al.	40	20 (50)	Excellent (10, 25), good (4, 10), fair (4, 10) poor (2, 5)	At least 12 (or after growth completion)	Persistent pain (1, 5.0); skin adherence (1, 5.0)	No recurrence

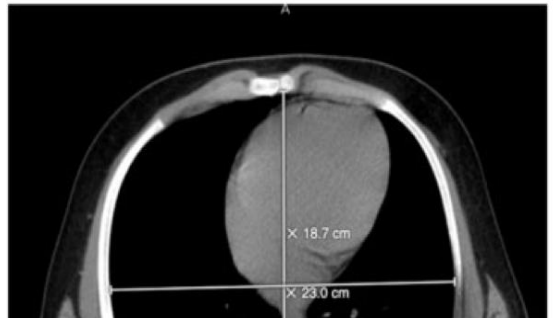
Uluslararası Katılımlı
ASYOD
AKCİĞER SAĞLIĞI KONGRESİ
Sizin Sesiniz, Sizin Kongreniz...
9-12 Nisan 2025
Sueno Deluxe Hotel, Belek/Antalya
UASK 2025
asyoduask2025.com

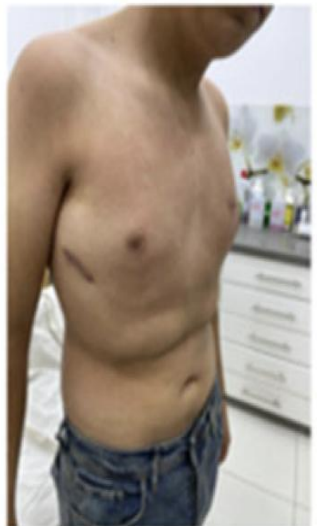
Combined surgical correction of pectus carinatum and juvenile kyphosis

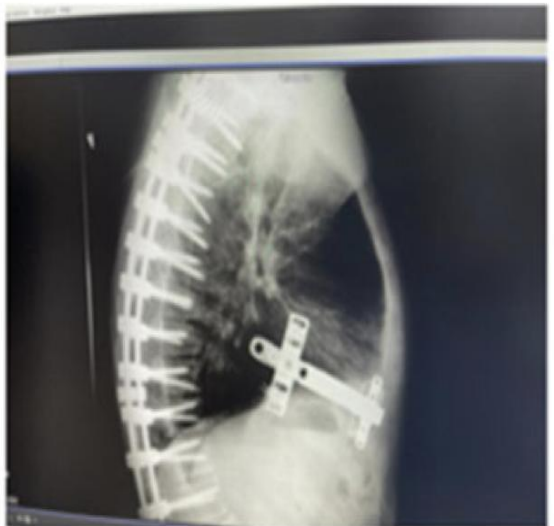
Bashaer Iwaiwi[a], Bisanne Hamdi Shaqqura[b], A

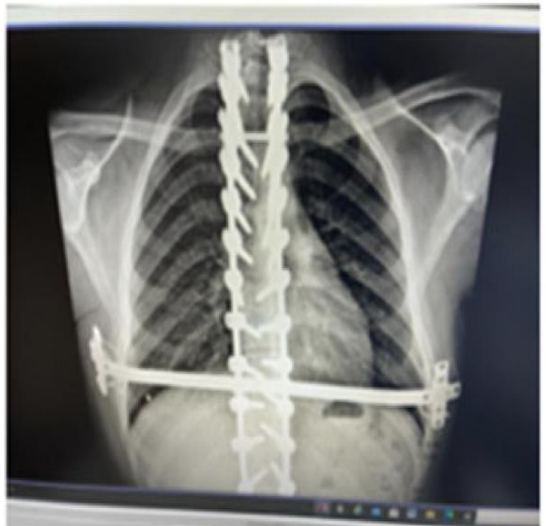




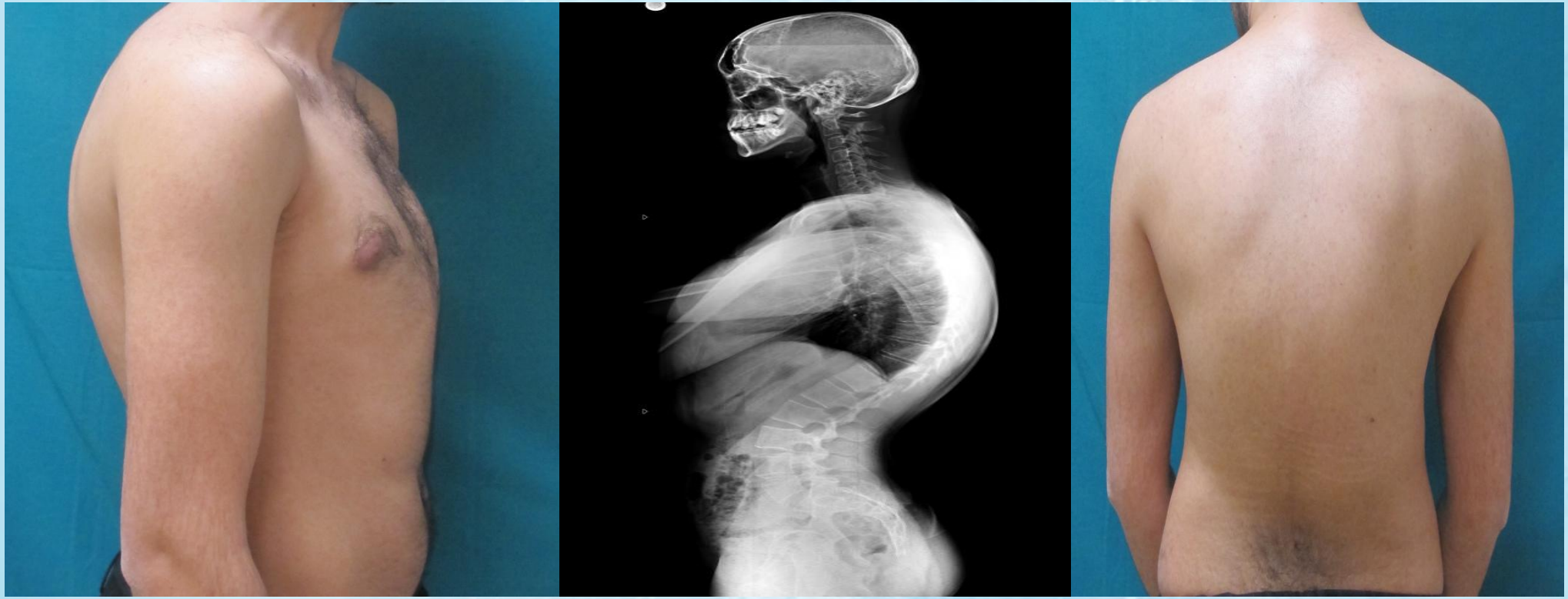








Interactive CardioVascular and Thoracic Surgery 2022, 35(2), ivac087
https://doi.org/10.1093/icvts/ivac087 Advance Access publication 5 April 2022

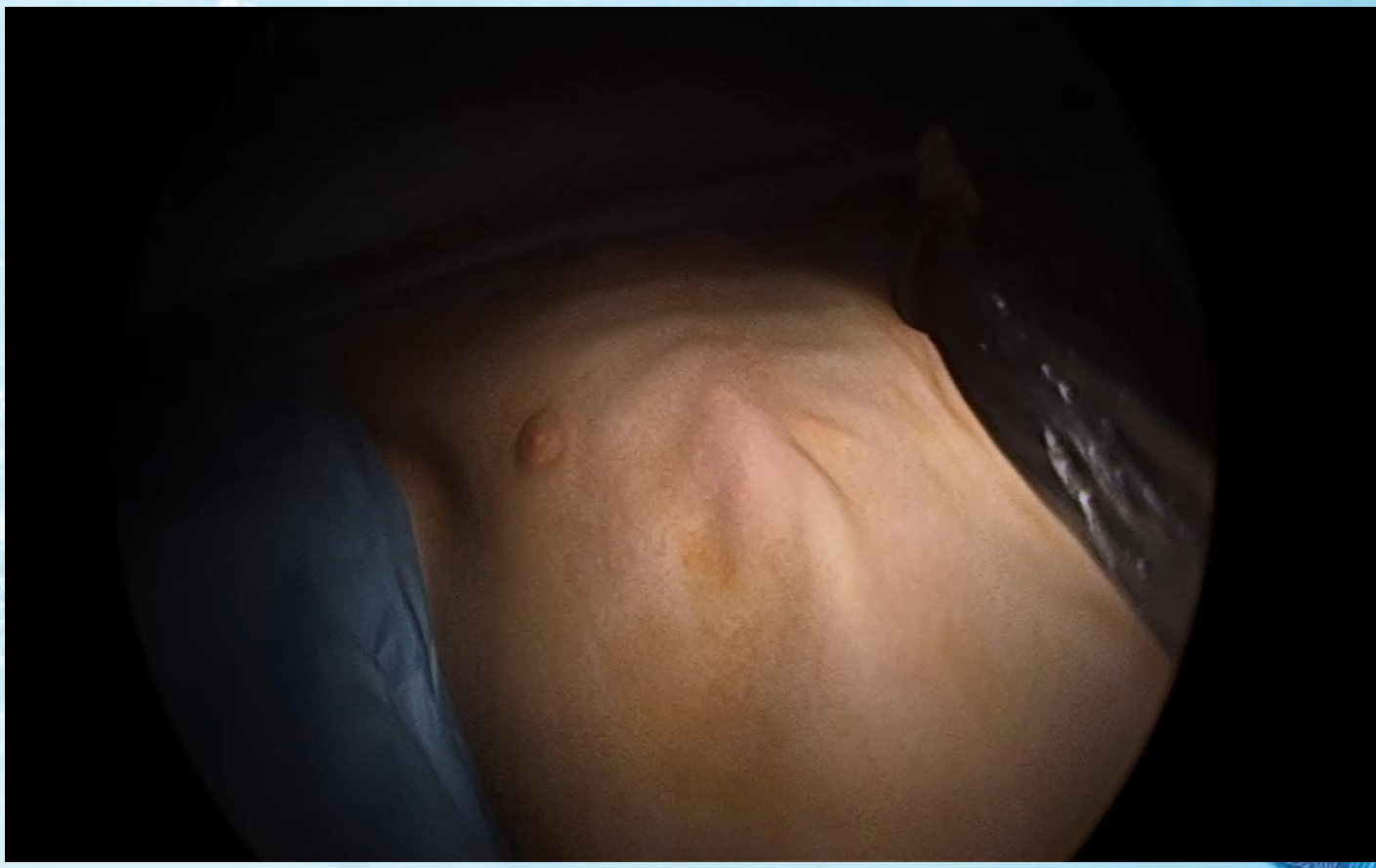


Pektus Karinatumda; %47,8 hastada artmış torakal kifoz,

Kompansastris; lomber lordoz, lordoz kaybı

2016-2024 arası 59 hasta Abramson + Modifiye Abramson

- Yaş ortalaması 18,2
- E/K = 55/4
- Operasyon süresi Ort. 84 dk
- Hospitalizasyon Ort. 5,1 gün
- Mortalite yok
- 2 hasta ağrı sebebiyle erken bar çek
- 5 hastada enfeksiyon 1'i erken barçek
- 1 hastada over correction – revizyon
- Ortalama 22,8 ay sonra bar çek
- Barçek operasyon süresi Ort. 67 dk
- Barçek hospitalizasyon Ort. 2,3 gün
- Mortalite yok
- Morbidite var (müdahale gerektirmeyen; 1 kot fraktürü, 3 pnx, 1 tel migrasyonu)



Uluslararası Katılımlı

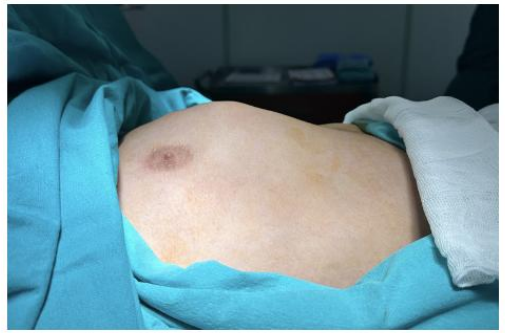
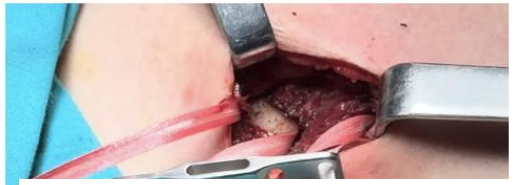
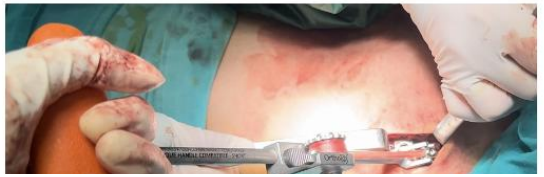
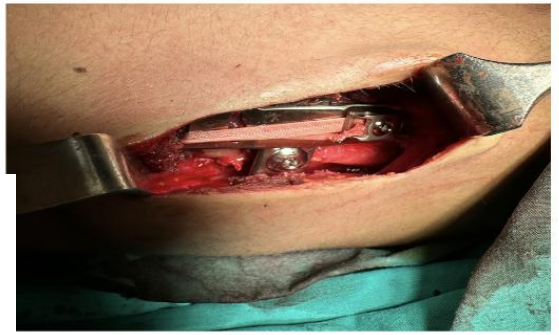
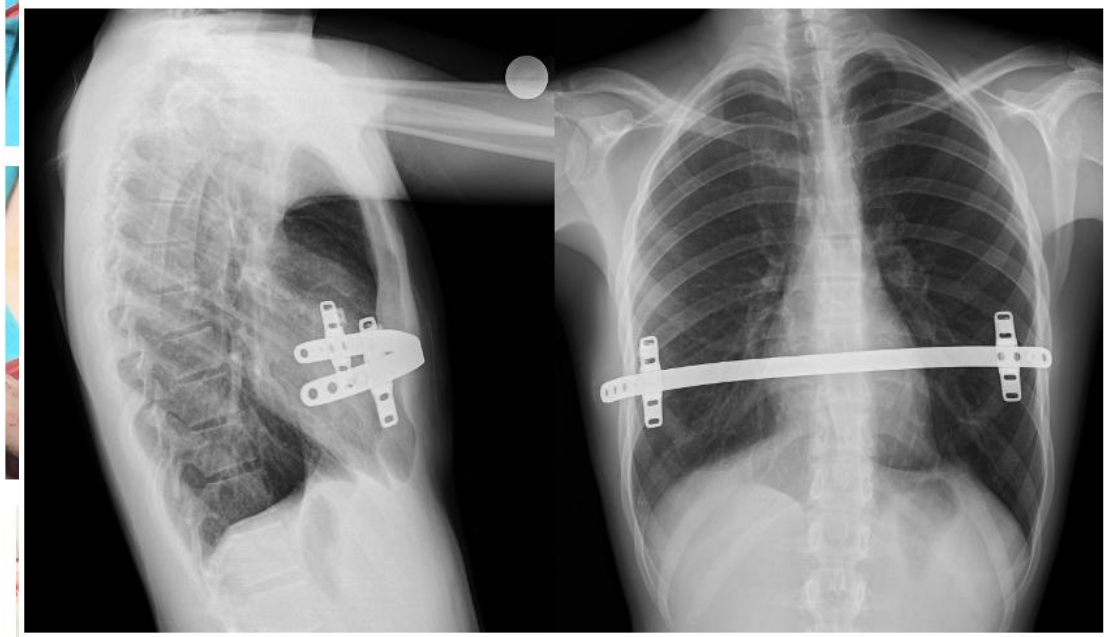
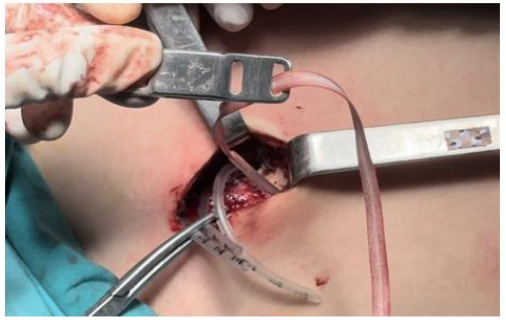
ASYOD
AKCİĞER SAĞLIĞI VE YOĞUN BAKIM DERNEĞİ

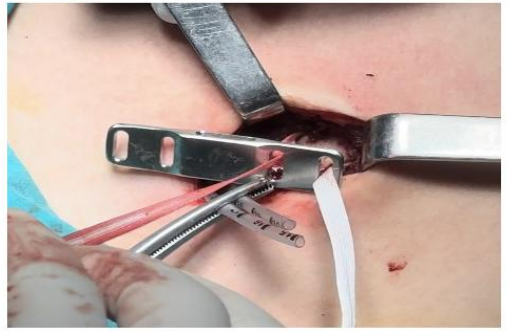
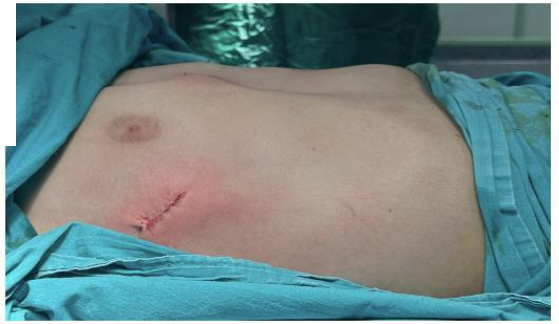
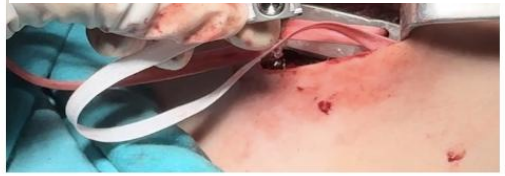
AKCİĞER SAĞLIĞI KONGRESİ

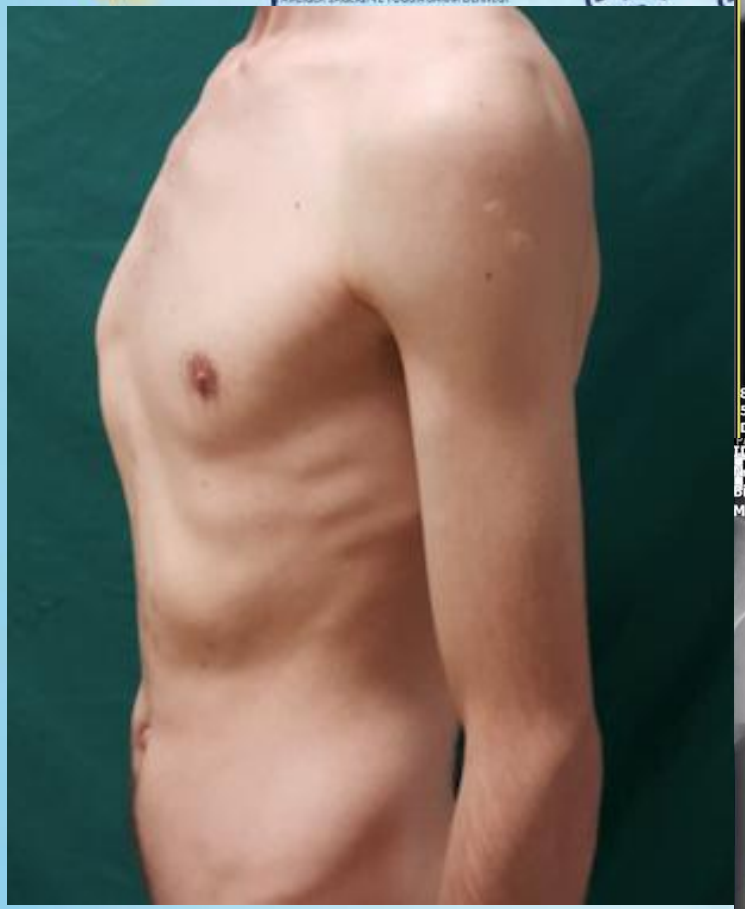
Sizin Sesiniz, Sizin Kongreniz...

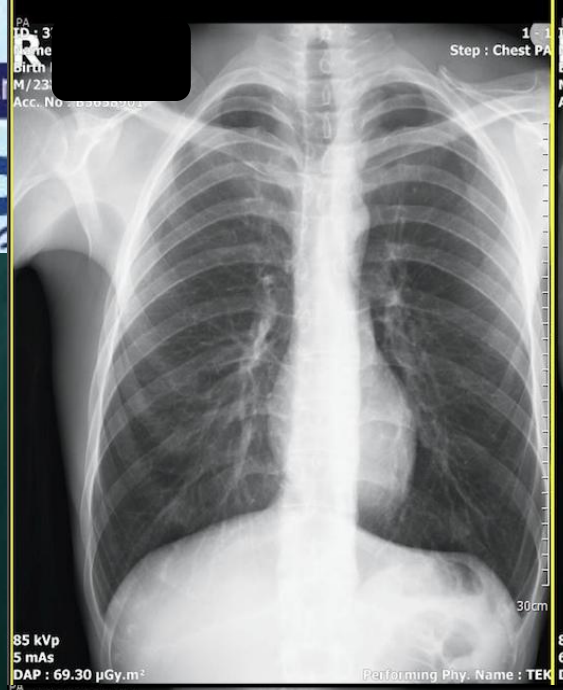
9-12 Nisan 2025
Sueno Deluxe Hotel,
Belek/Antalya

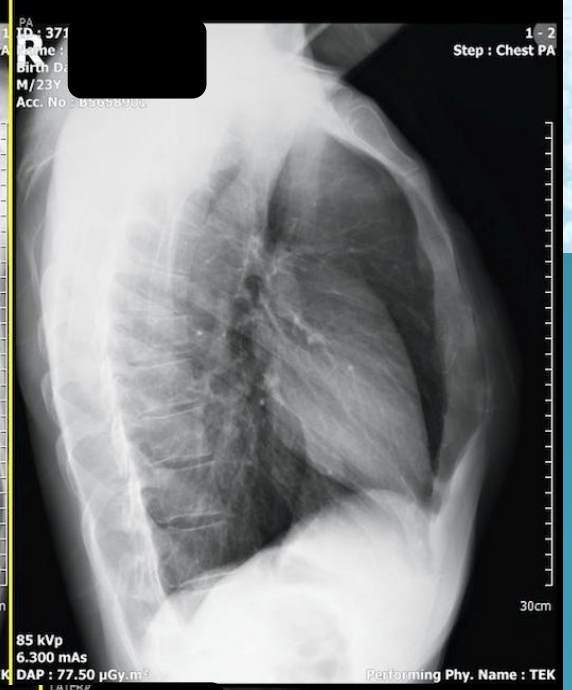
UASK 2025
asyoduask2025.com

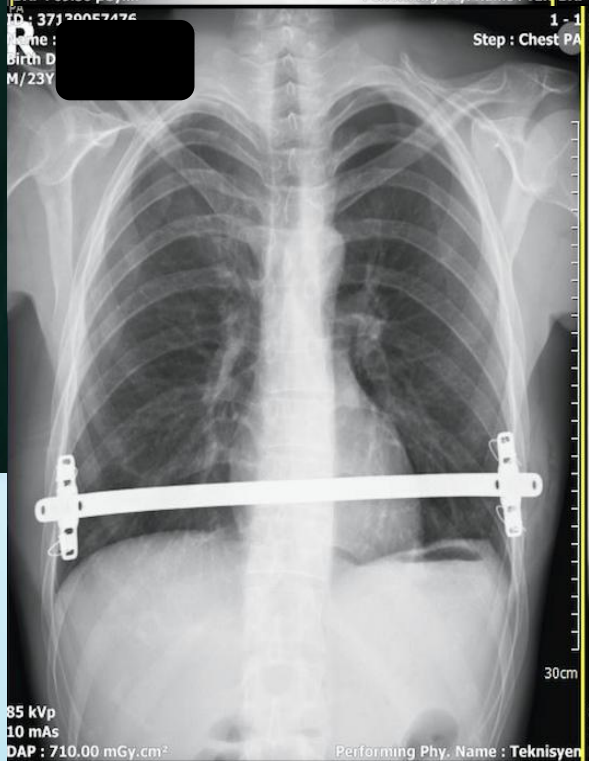







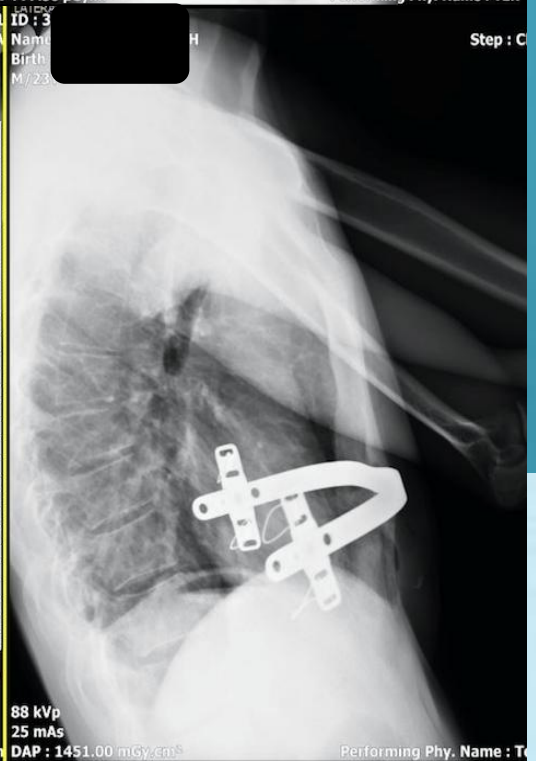




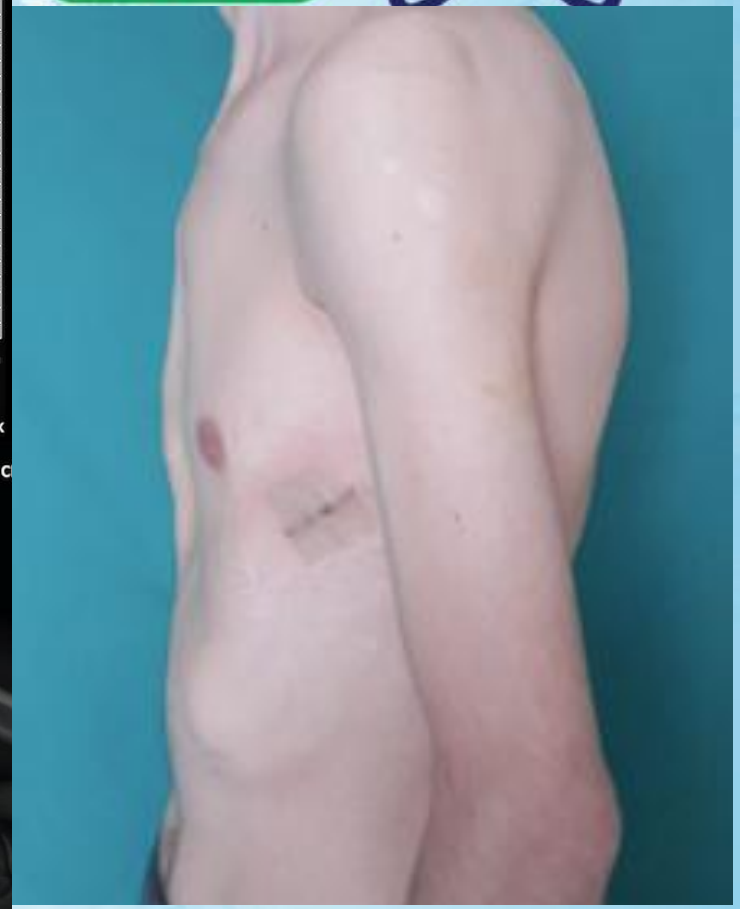




Step : Chest PA
30cm
85 kVp
5 mAs
DAP : 69.30 µGy.m²
Performing Phy. Name : TEK

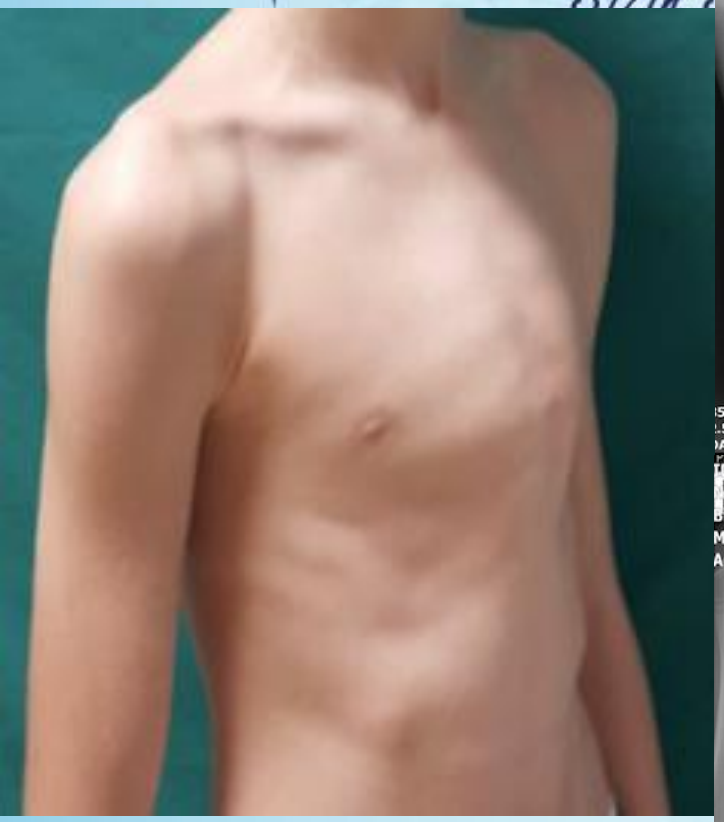

Step : Chest PA
30cm
85 kVp
6.300 mAs
DAP : 77.50 µGy.m²
Performing Phy. Name : TEK

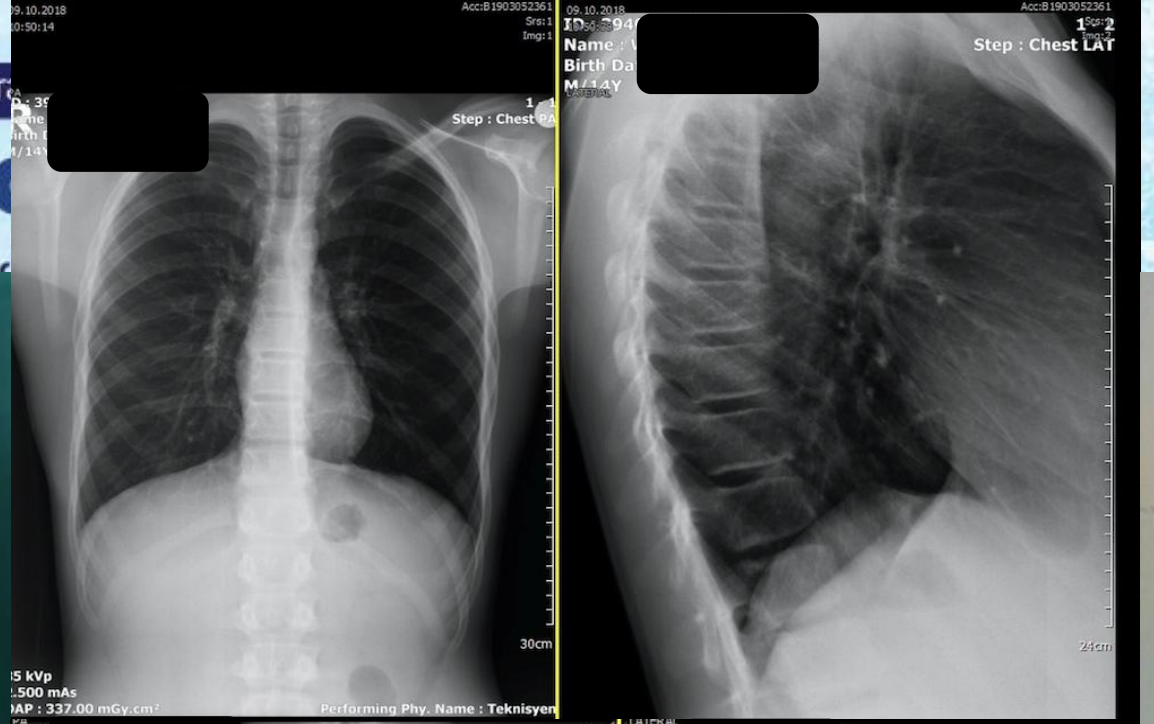

Step : Chest PA
30cm
85 kVp
10 mAs
DAP : 710.00 mGy.cm²
Performing Phy. Name : Teknisyen

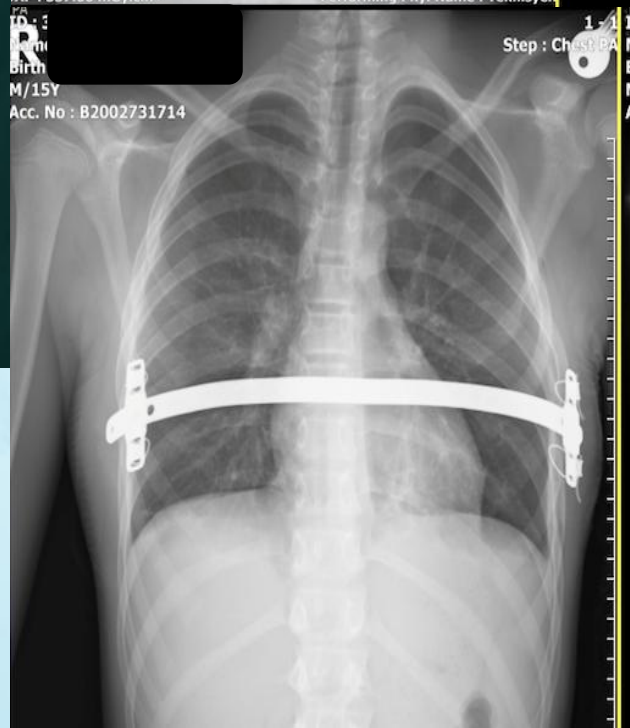

88 kVp
25 mAs

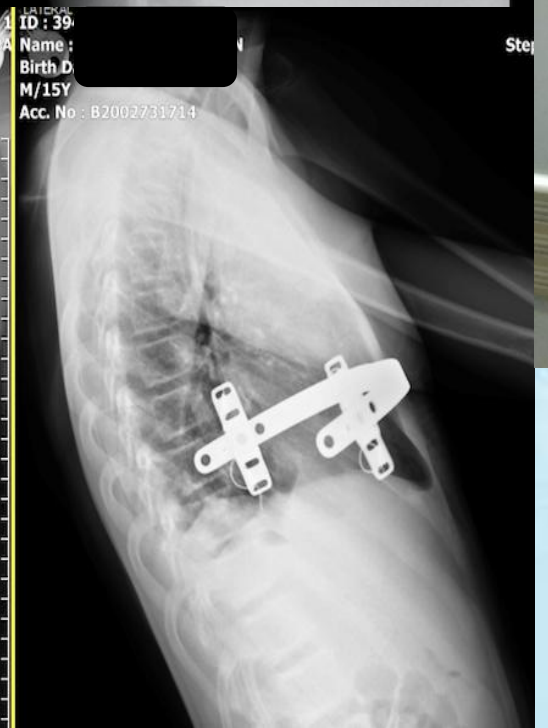


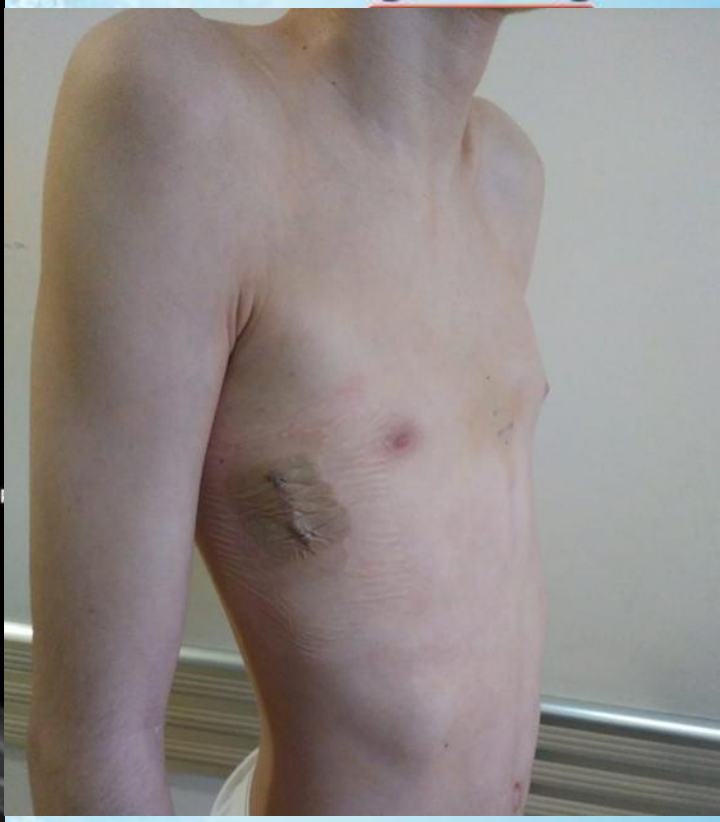
23 yaş Erkek



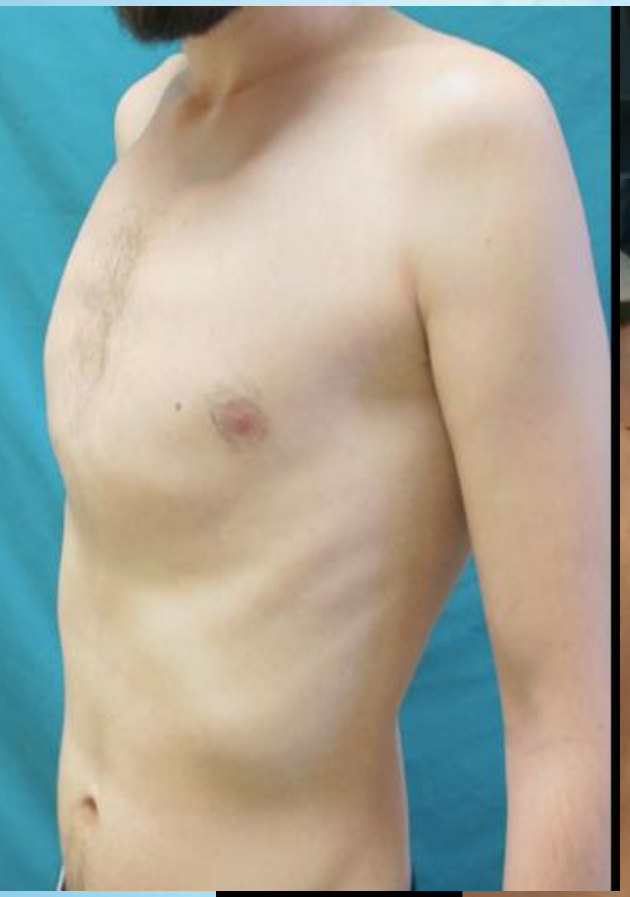


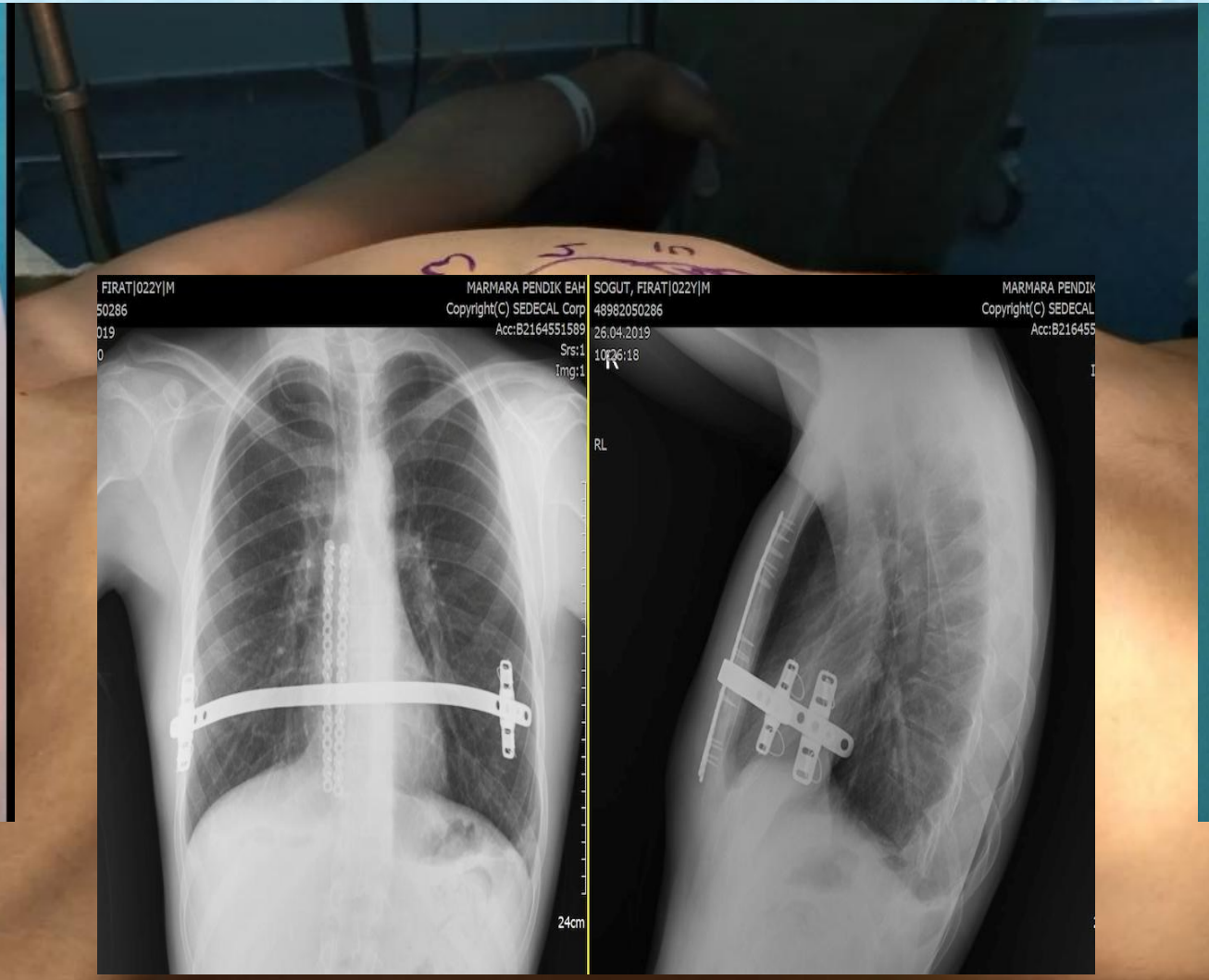


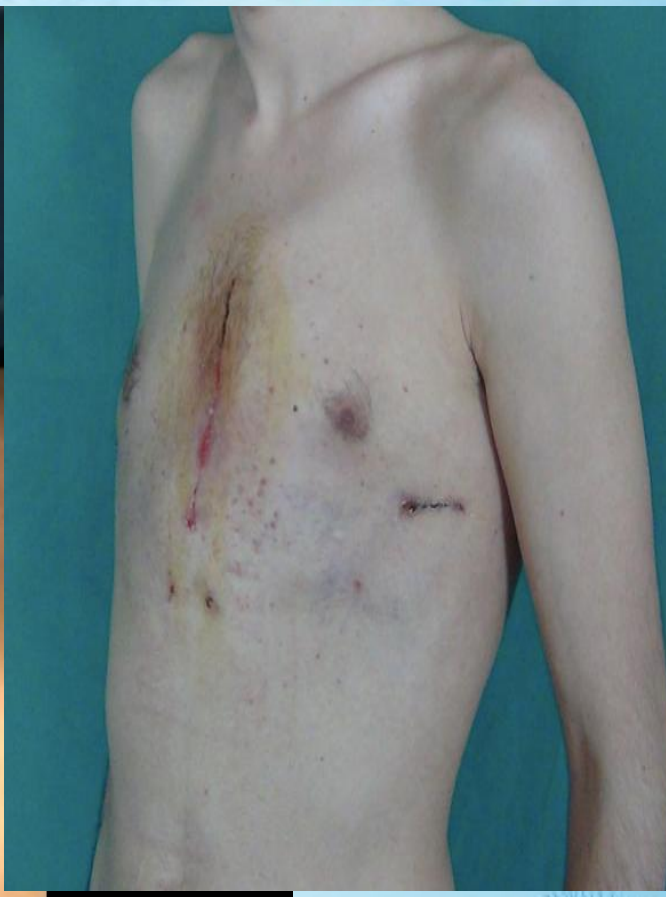




15 yaş Erkek
6 ay düzensiz ortez





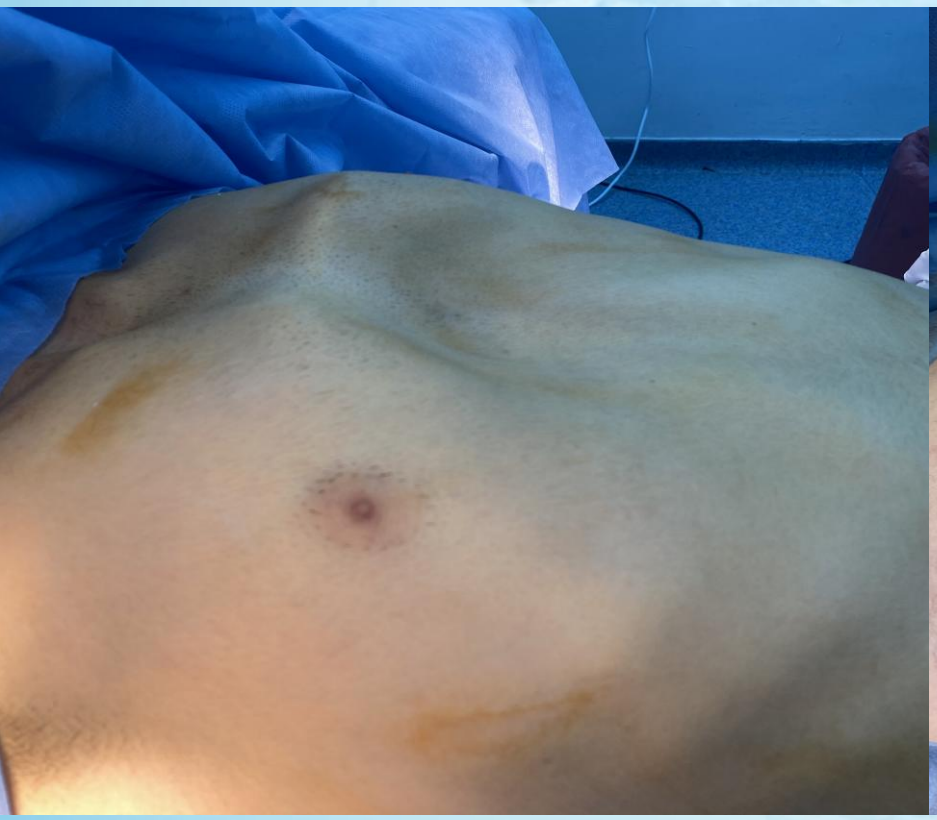


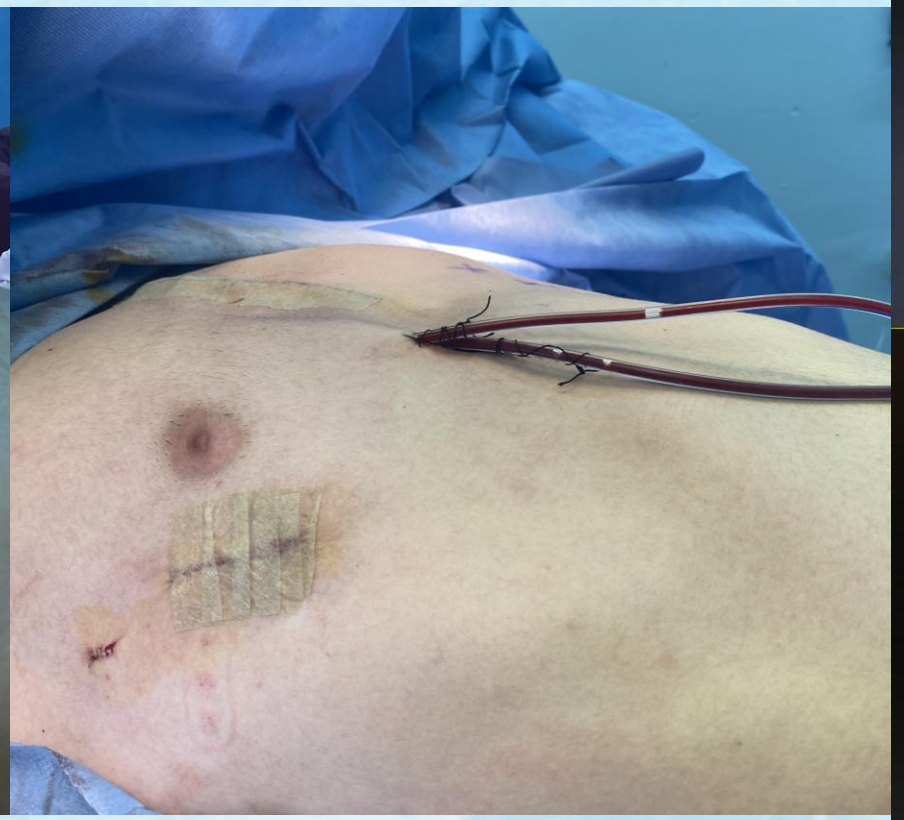
ASYOD
AKCİĞER SAĞLIĞI VE YOĞUN BAKIM DERNEĞİ

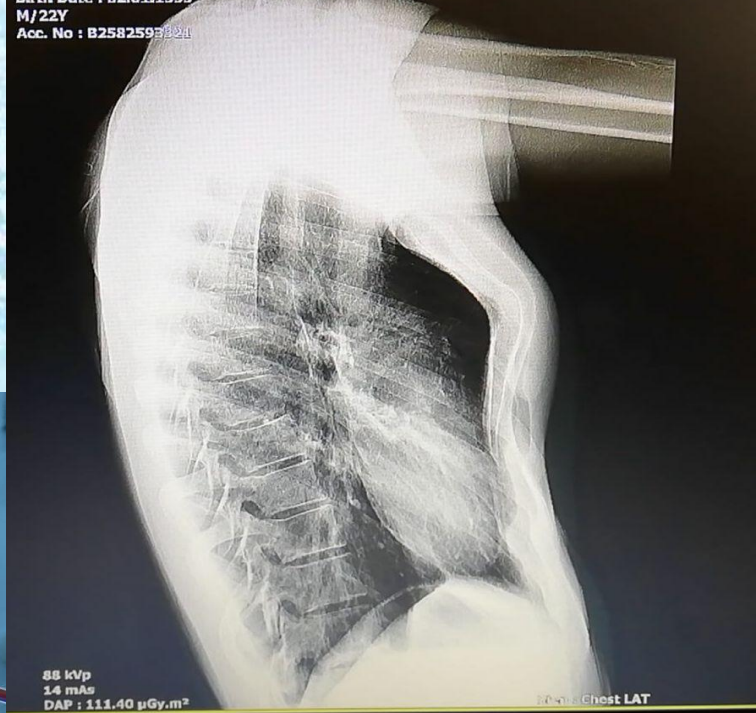
Uluslararası Katılımlı

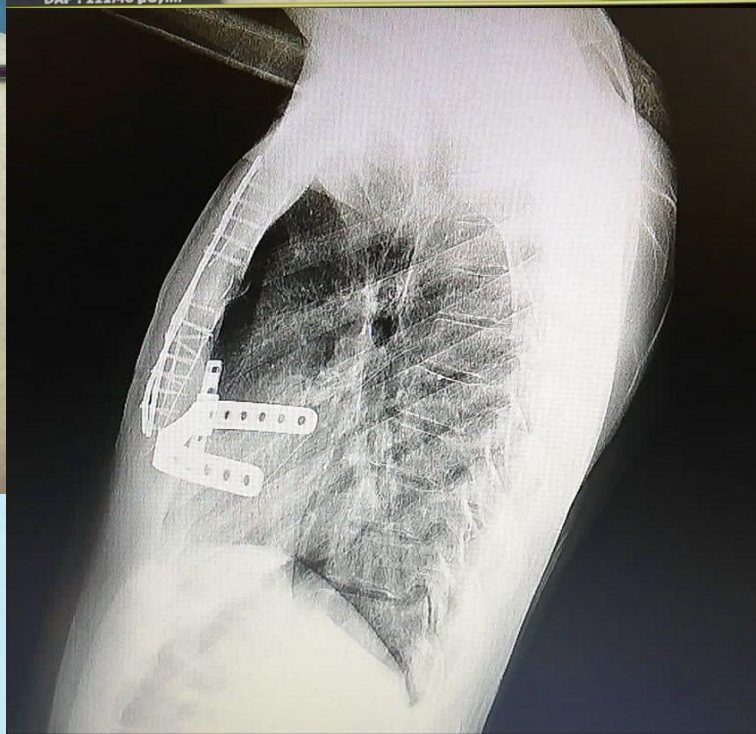
AKCİĞER SAĞLIĞI KONGRESİ

Sizin Sesiniz, Sizin Kongreniz...









ASYOD
AKCİĞER SAĞLIĞI VE YOĞUN BAKIM DERNEĞİ

Uluslararası Katılımlı

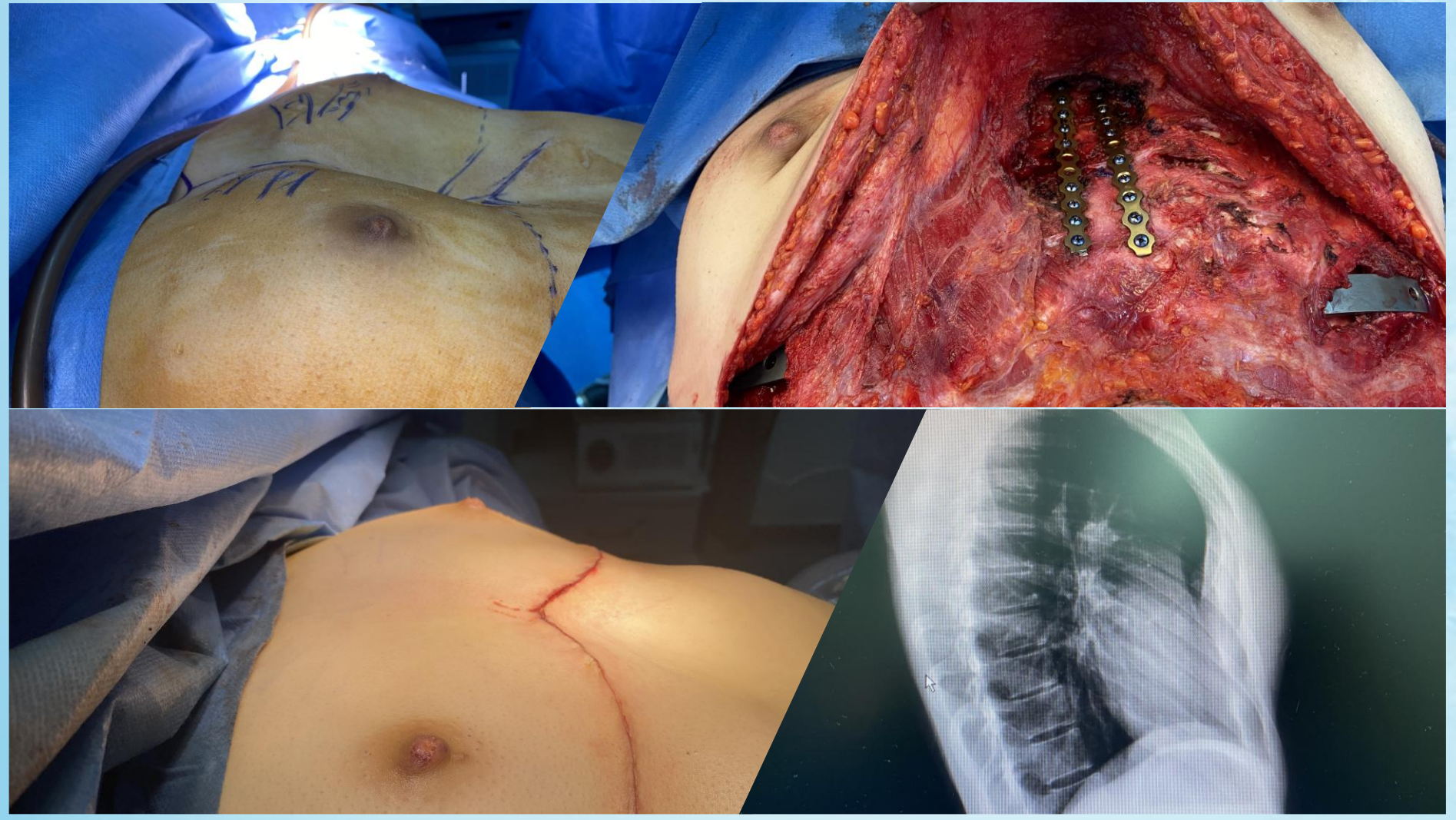
AKCİĞER SAĞLIĞI KONGRESİ

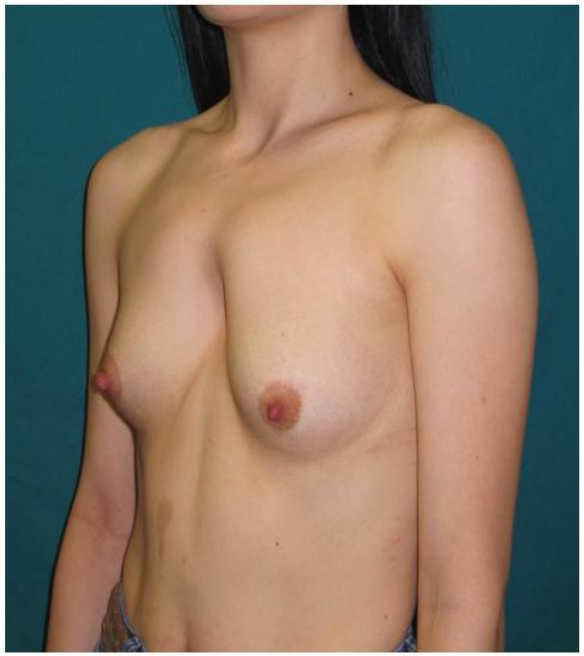
Sizin Sesiniz, Sizin Kongreniz...

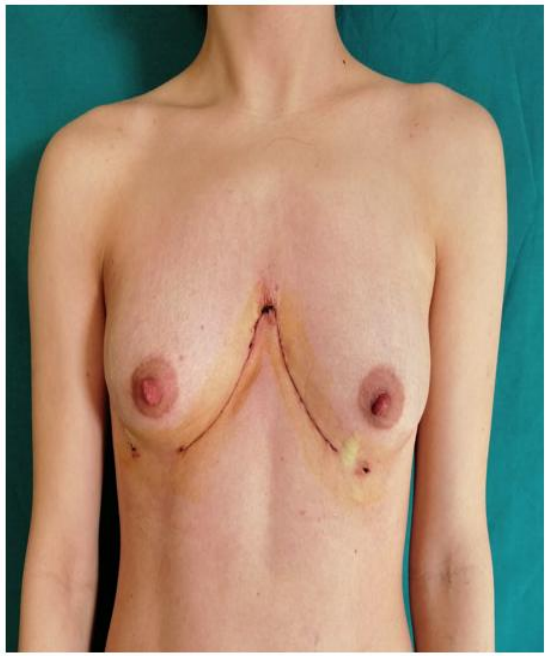
9-12 Nisan 2025
Sueno Deluxe Hotel,
Belek/Antalya

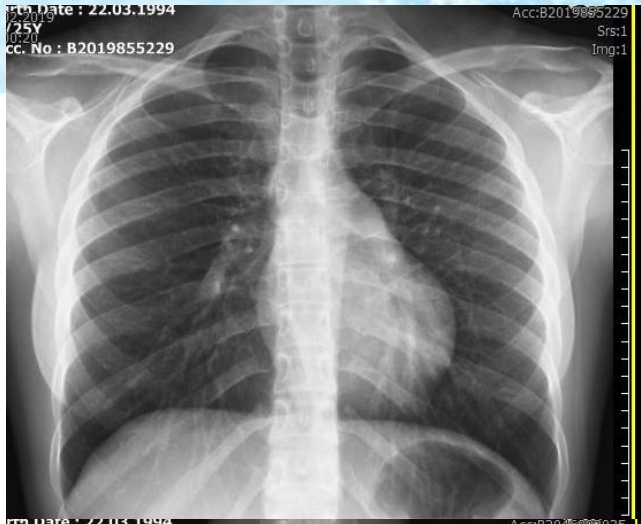
UASK 2025

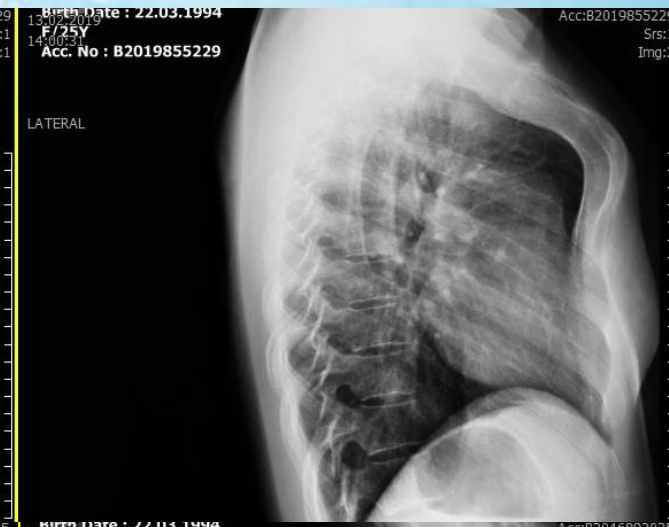
asyoduask2025.com

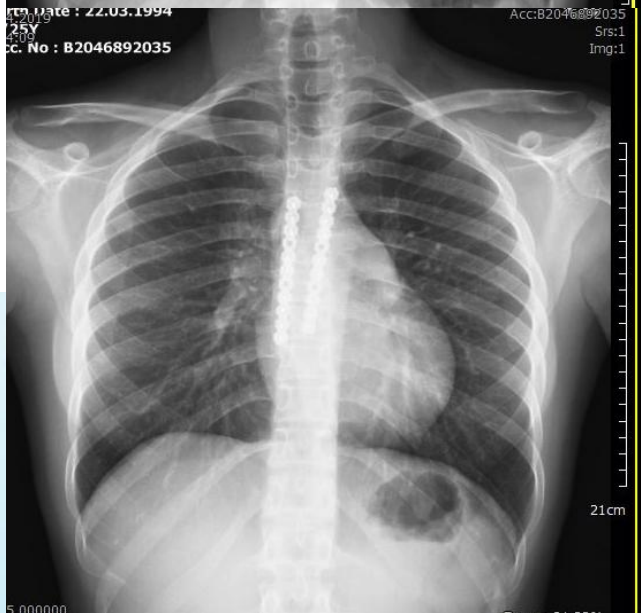


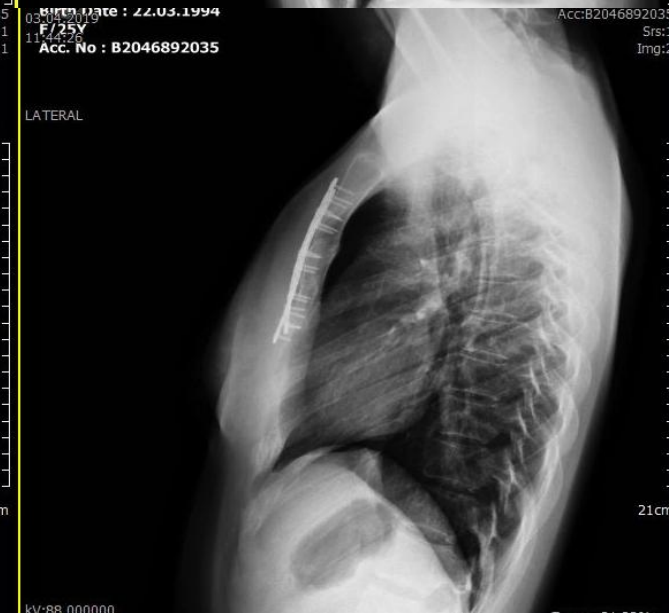





Acc:B2019855229
Srs:1
Img:1
Acc. No : B2019855229


F/25Y
Acc. No : B2019855229
LATERAL


Acc:B2046892035
Srs:1
Img:1
Acc. No : B2046892035
21cm


F/25Y
Acc. No : B2046892035
LATERAL
21cm

Uluslararası Katılımlı

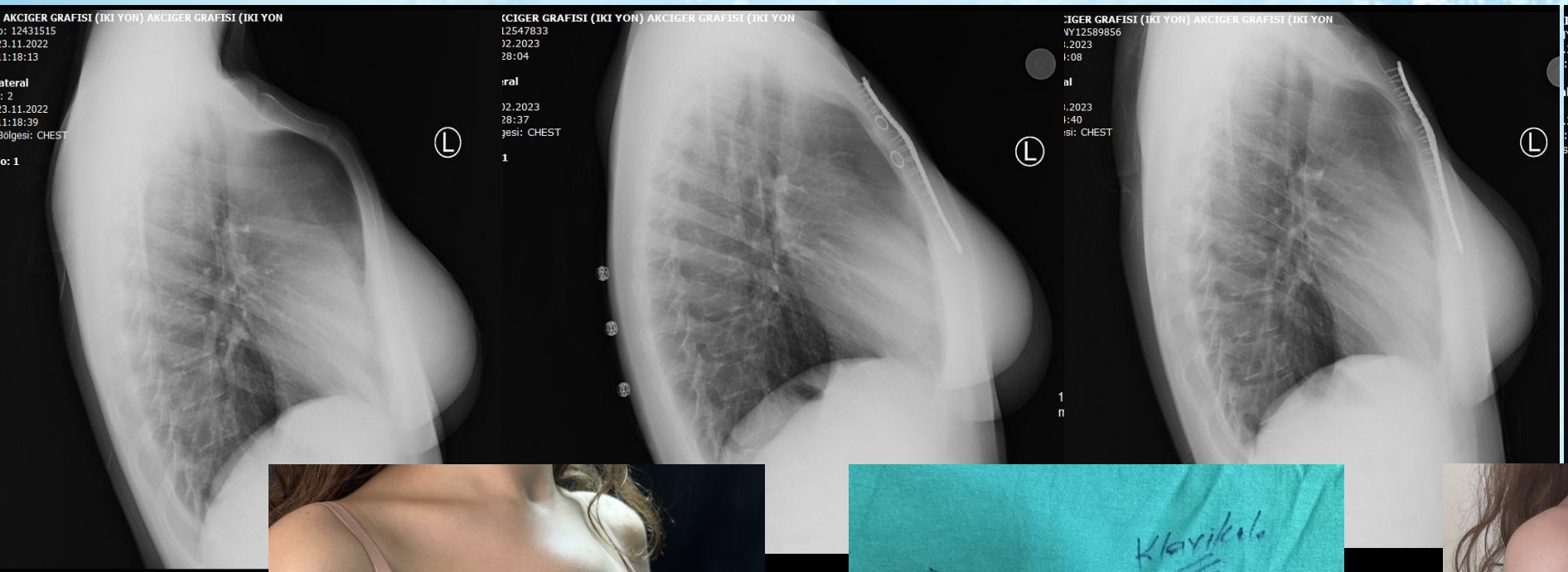
AKCİĞER SAĞLIĞI KONGRESİ

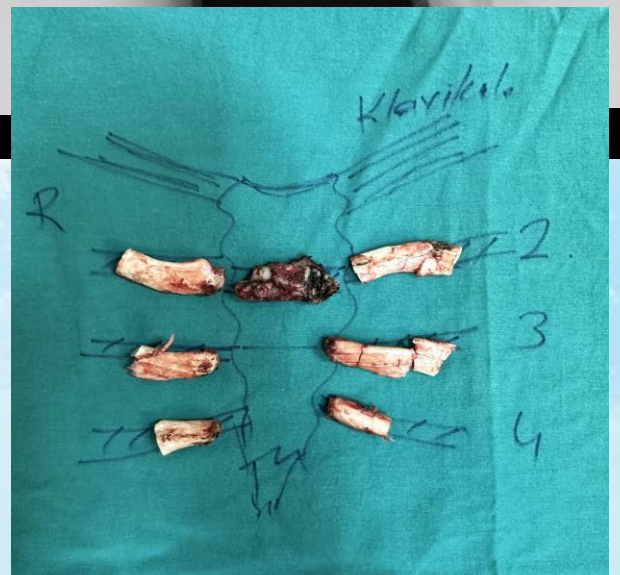
Sizin Sesiniz, Sizin Kongreniz...

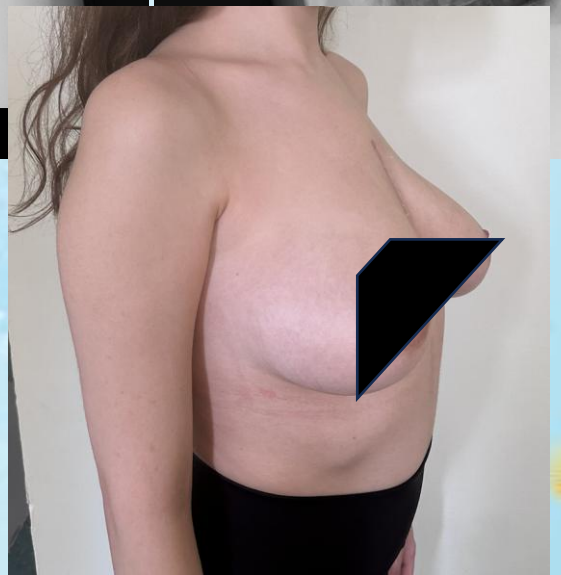
ASYOD
AKCİĞER SAĞLIĞI VE YOĞUN BAKIM DERNEĞİ

9-12 Nisan 2025
Sueno Deluxe Hotel,
Belek/Antalya

UASK 2025
asyoduask2025.com







Olgu Kaluyan.JPG
144 KB
Olgu Kaluyan.JPG
144 KB

Uluslararası Katılımlı

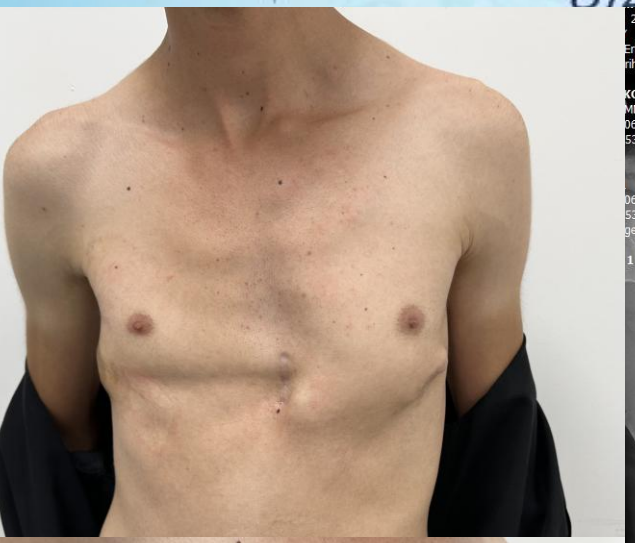
ASYOD
AKCİĞER SAĞLIĞI VE YOĞUN BAKIM DERNEĞİ

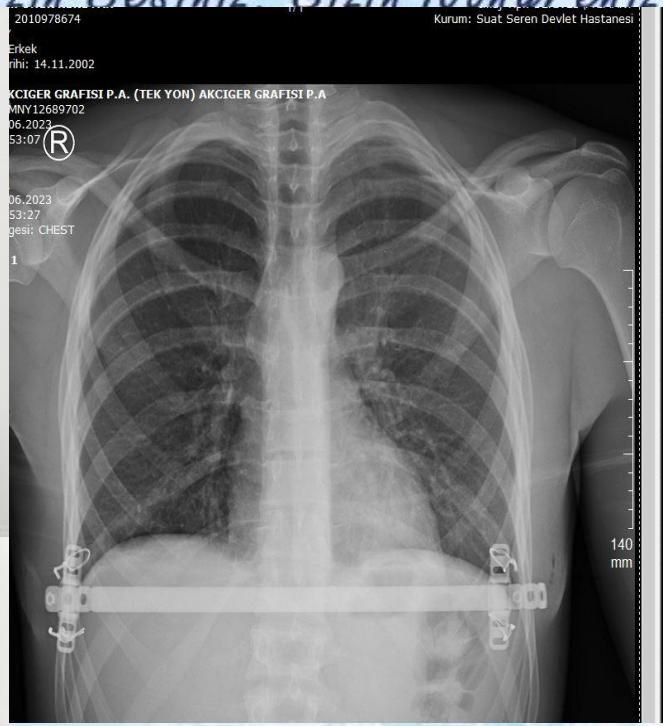
AKCİĞER SAĞLIĞI KONGRESİ

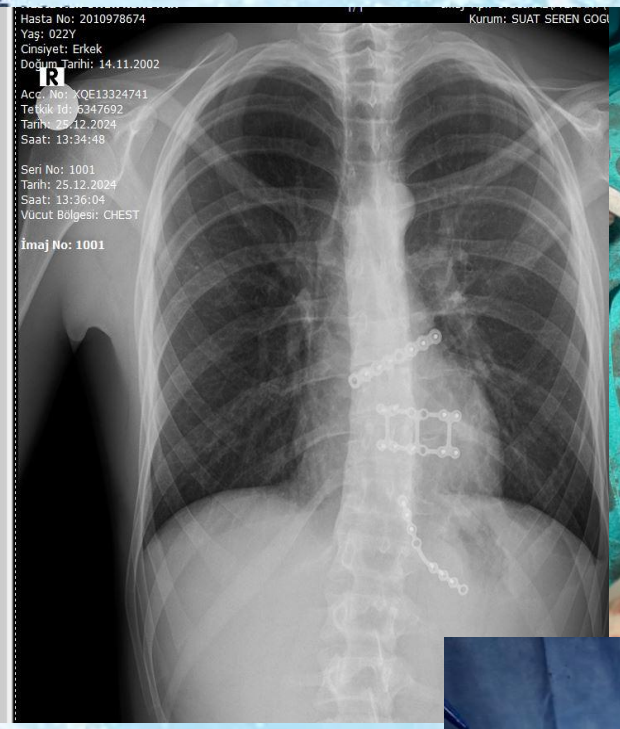
Sizin Sesiniz, Sizin Kongreniz

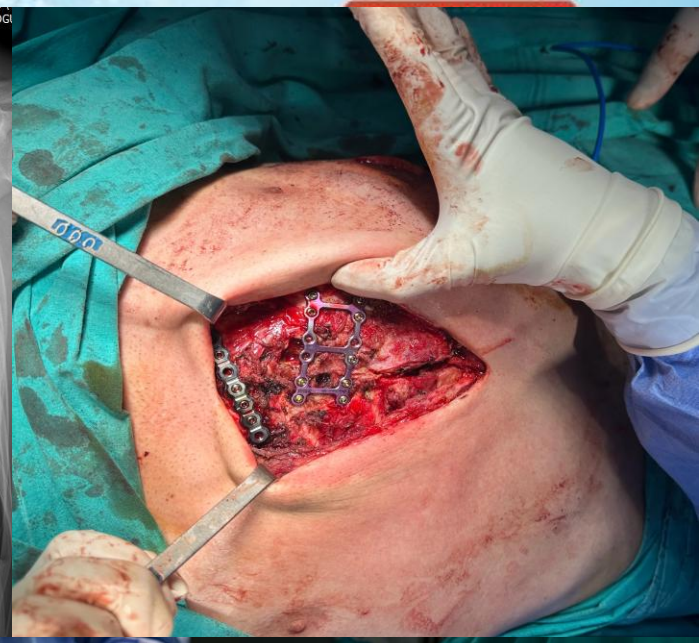
9-12 Nisan 2025
Sueno Deluxe Hotel,
Belek/Antalya

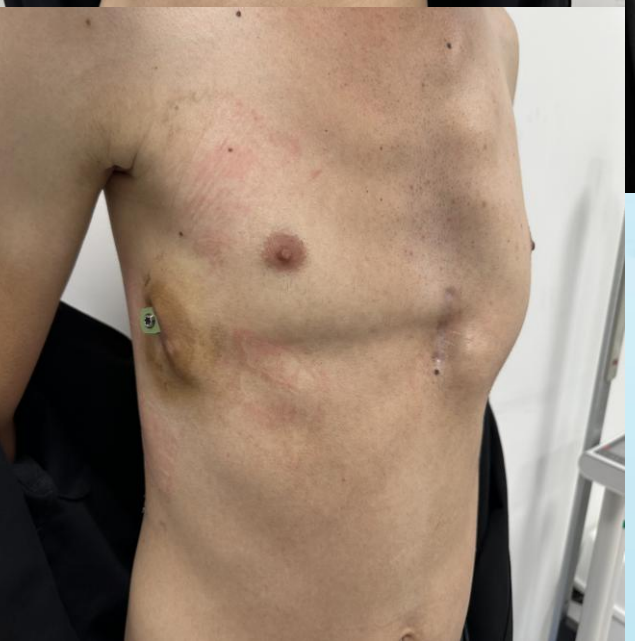
UASK 2025

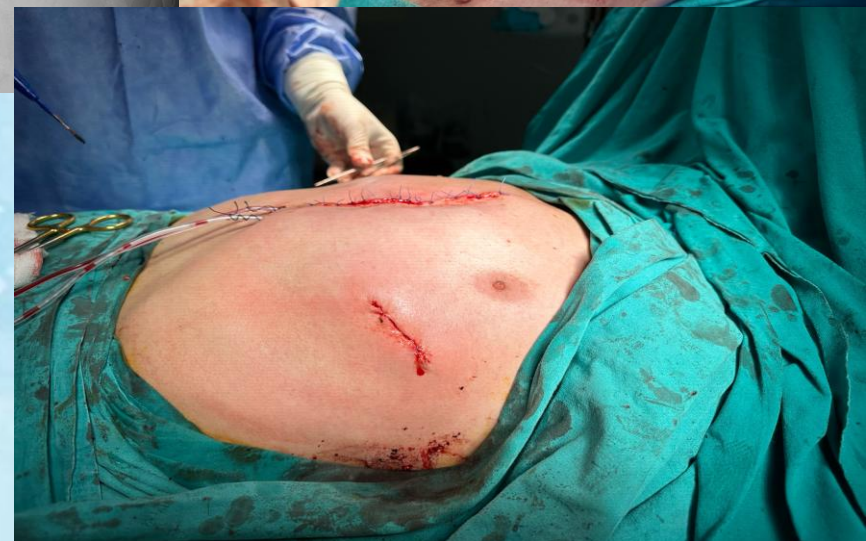












Uluslararası Katılımlı
ASYOD
AKCİĞER SAĞLIĞI VE YOĞUN BAKIM DERNEĞİ
AKCİĞER SAĞLIĞI KONGRESİ
Sizin Sesiniz, Sizin Kongreniz...
9-12 Nisan 2025
Sueno Deluxe Hotel,
Belek/Antalya
UASK 2025
asyoduask2025.com

Results of External Compressive Bracing Application in Pectus Carinatum Patients

Esra Yamansavcı Şirzai[1], Tunç Laçin[2], Nezih Onur Ermerak[2], Necati Çıtak[1], Ahmet Üçvet[1]*

[1]Department of Thoracic Surgery Health Sciences University Dr.Suat Seren Chest Diseases and Chest Surgery Training and Research Hospital, Izmir, Turkey

[2]Department of Thoracic Surgery, Marmara University Faculty of Medicine, Istanbul, Turkey

Keywords: Pectus Carinatum - External Compressive Bracing

Introduction

Pectus carinatum (PC) is a chest wall deformity, known as pigeon chest, characterized by varying degrees of anterior protrusion of the sternum and sternocostal cartilages. It is the most common chest wall deformity after pectus excavatum. This study presents the results of patients who underwent external compressive bracing for PC.

Materials and Methods

Between September 2019 and March 2024, external compressive bracing was applied to 328 patients due to PC. The results of 328 pectus carinatum patients were evaluated retrospectively. First week, patients were recommended to start with low compression pressures at least 12 hours per day. At the end of 1 month, the targeted compression level of orthosis adjustment was reached.