

Pnömotoraks

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Spontan

Primer

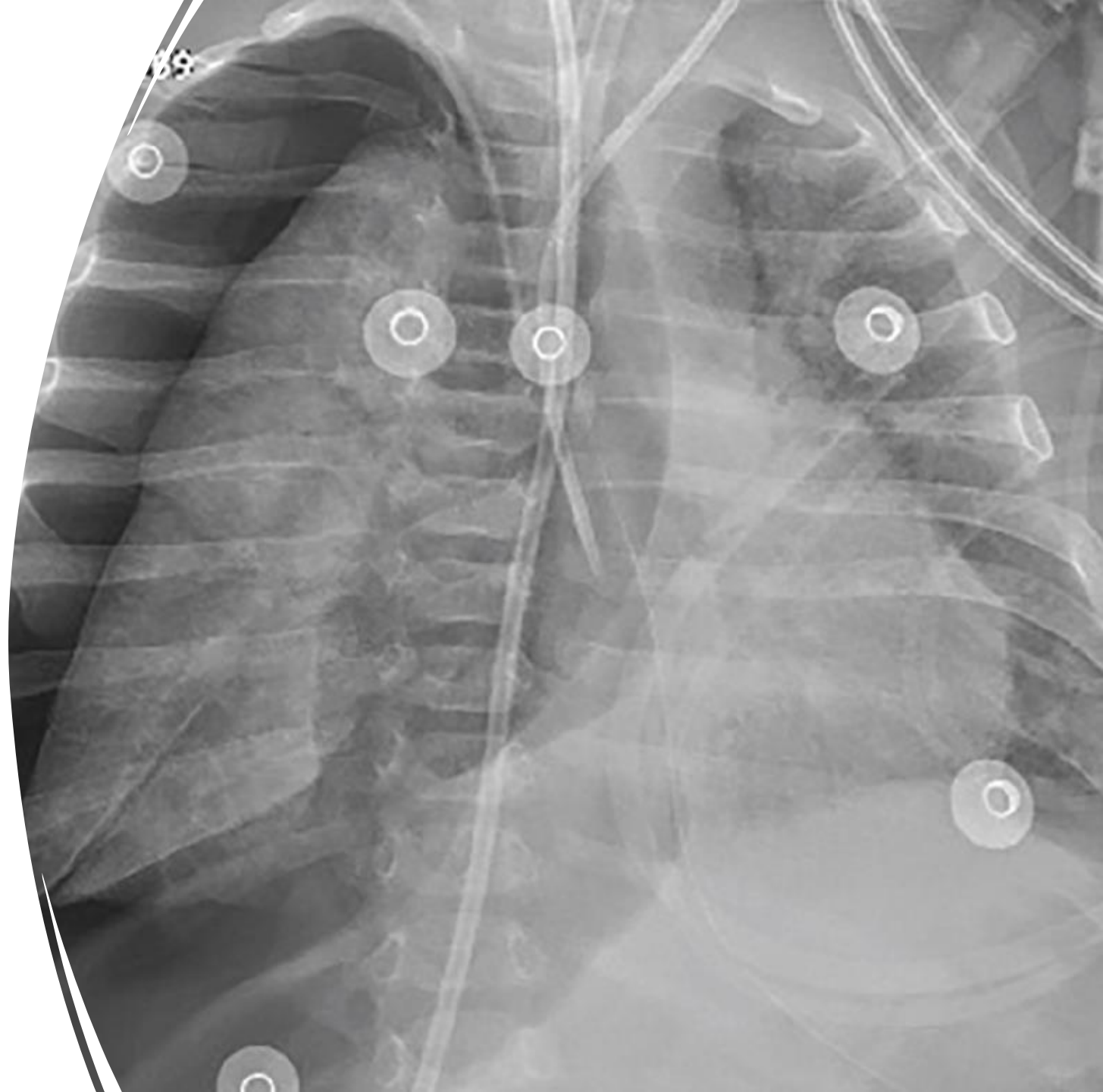
Sekonder

Neonatal

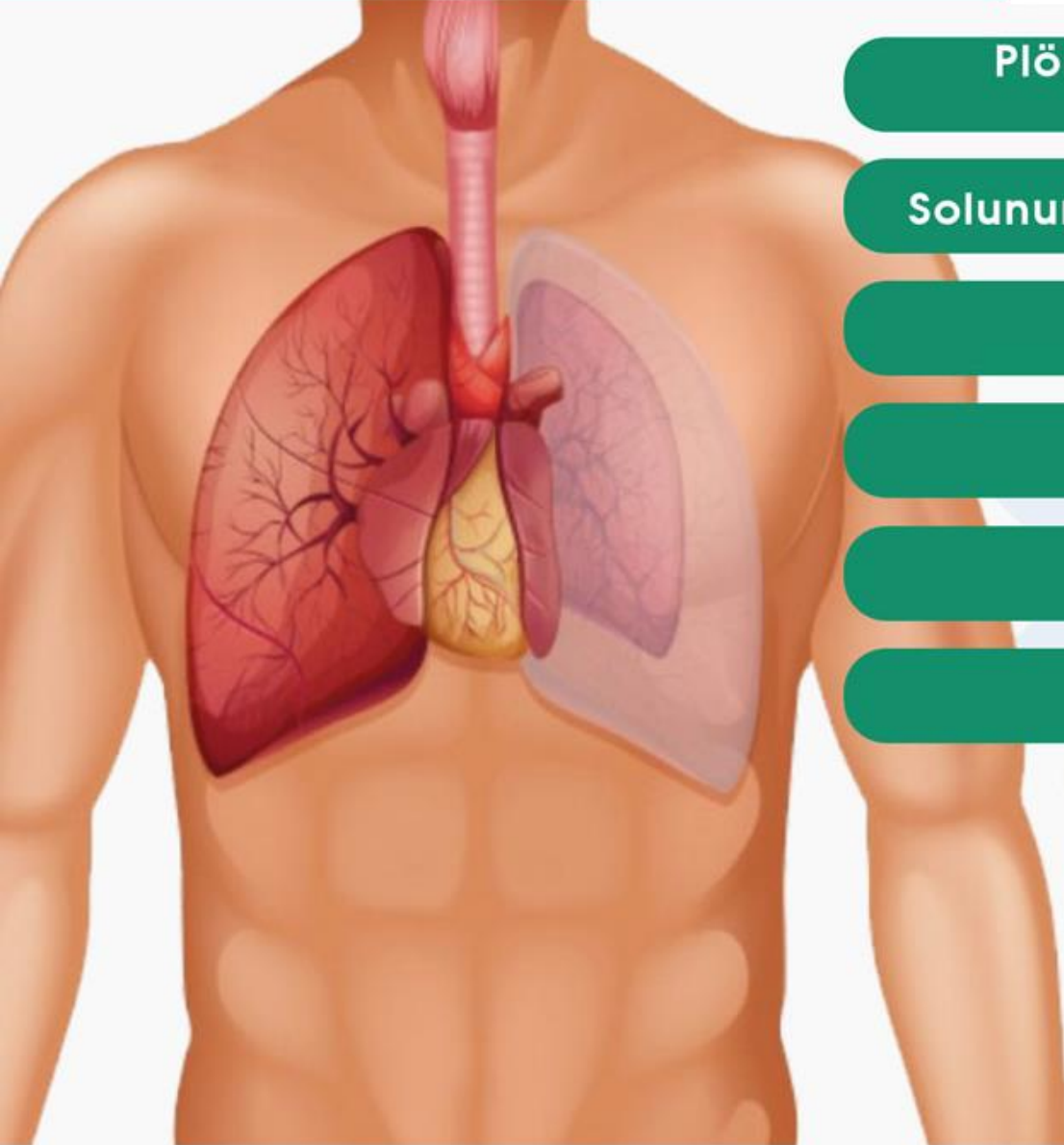
Spontan Olmayan

Travmatik

İatrojenik



Spontan Pnömotoraks Klinik



Plöritik Göğüs Ağrısı
(Ani Başlayan)

Solunum Seslerinde Azalma

Nefes Darlığı

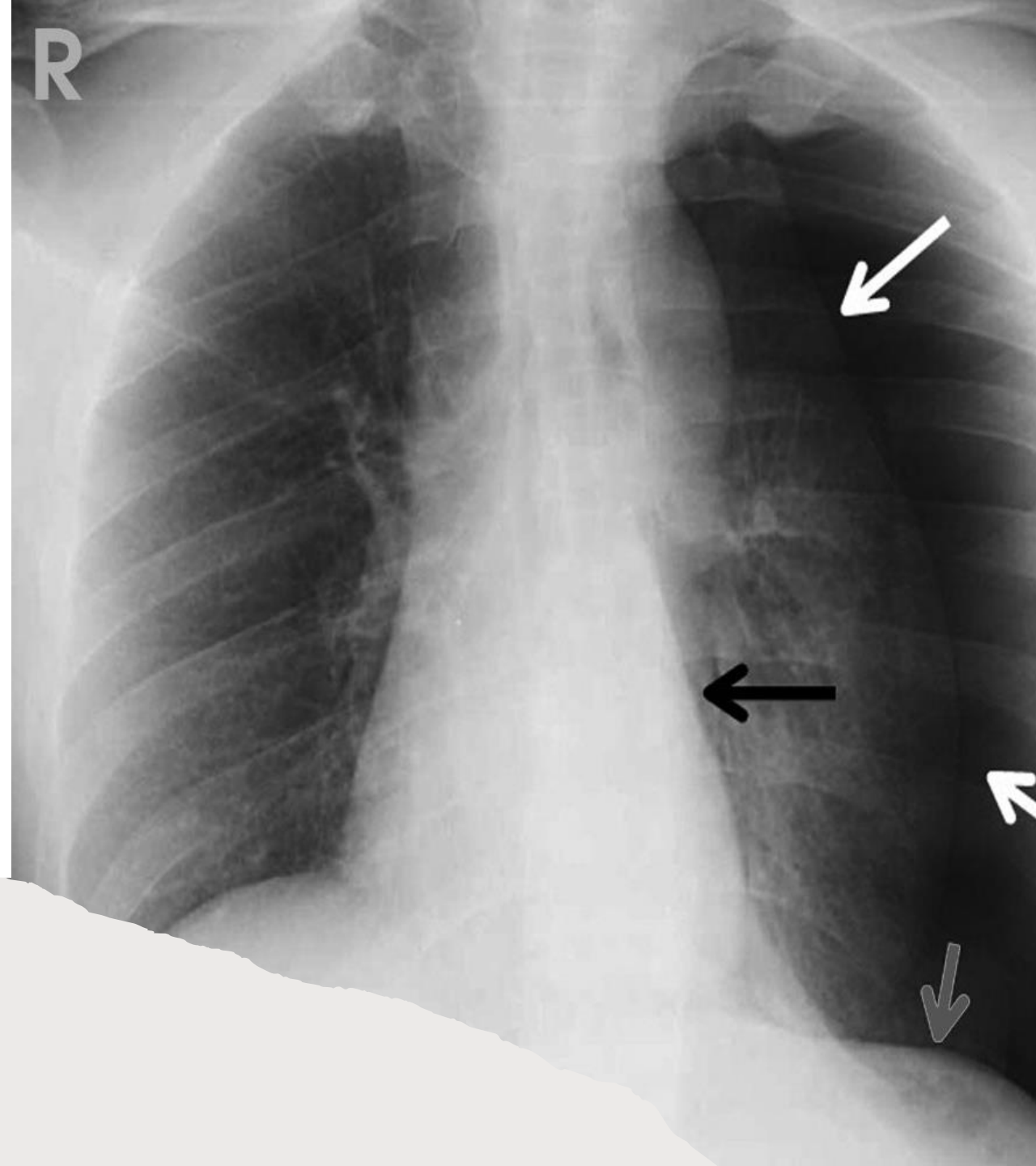
Taşikardi

Hipotansiyon

Hipoksi

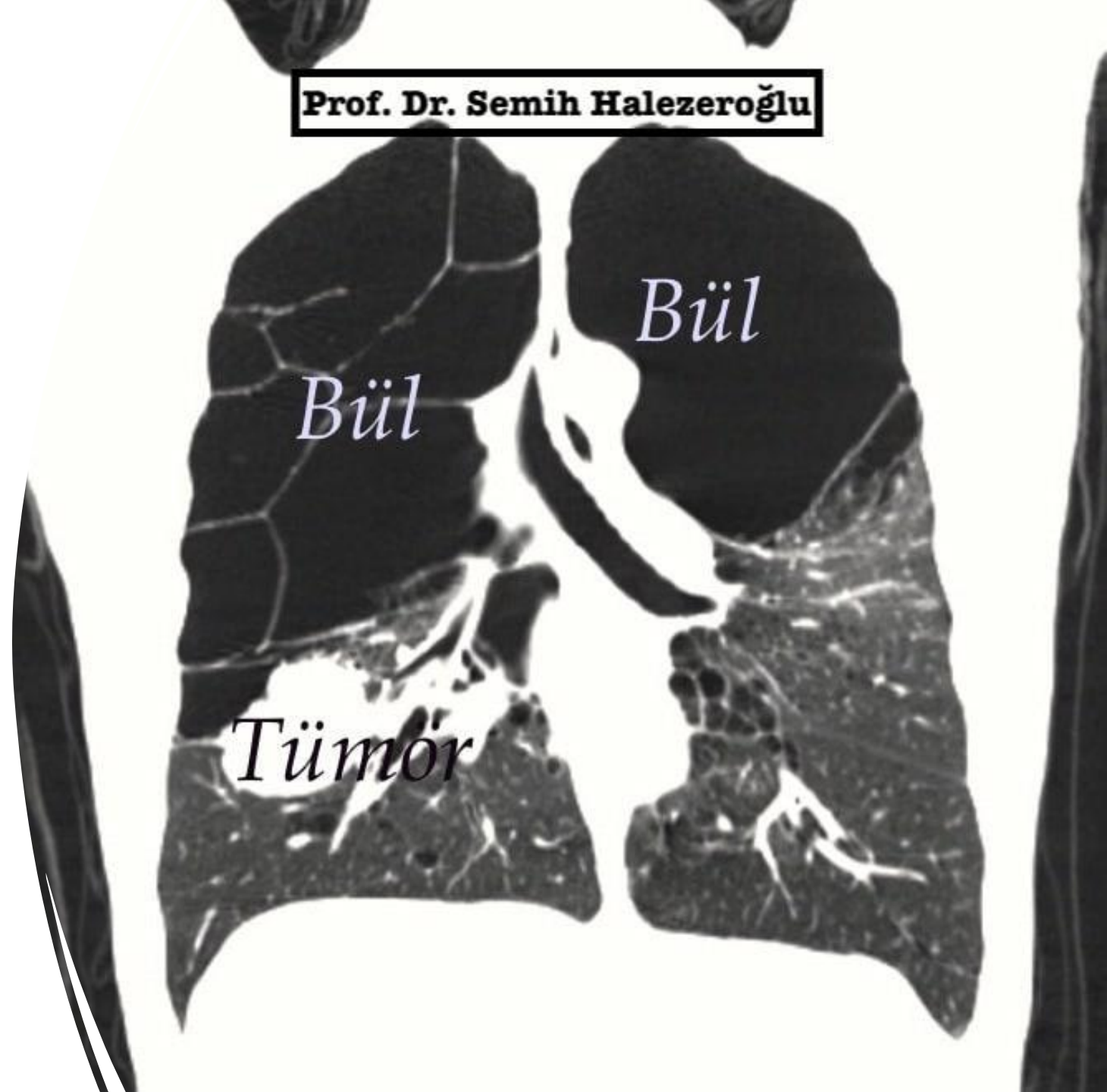


Başvuru şikayeti	n
Plöritik göğüs ağrısı	18
Solunum sıkıntısı	6
Kuru öksürük	3
Omuz ağrısı	2
Plöritik göğüs ağrısı ve solunum sıkıntısı	5
Solunum sıkıntısı, kuru öksürük ve omuz ağrısı	1



Sekonder

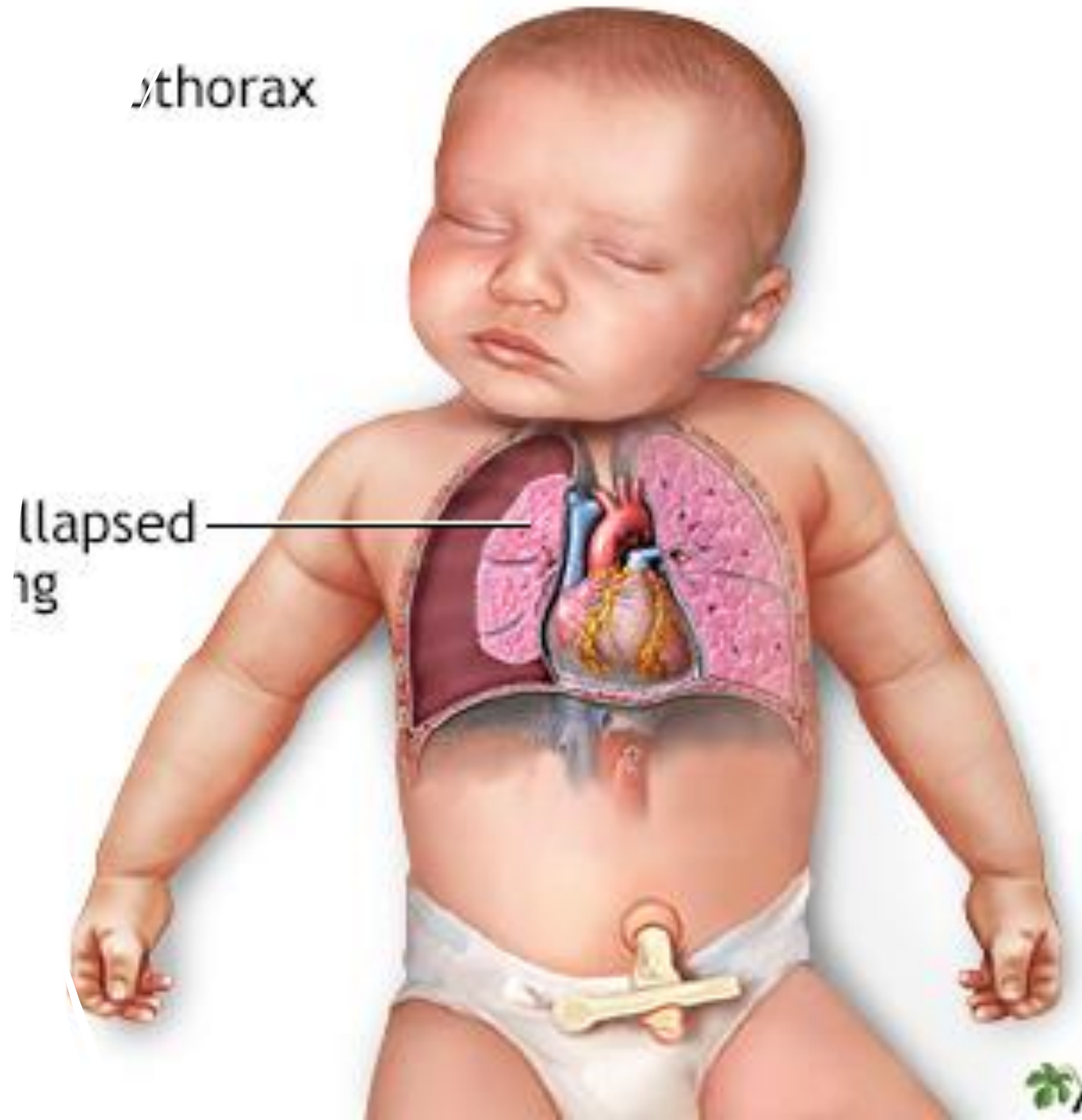
- Hava yolu hastalıkları
- Enfeksiyonlar
- Baę dokusu hastalıkları
- Malignite



Neonatal

- Prematürite
- RDS
- MAS
- CPAP veya MV

Yatış tanıları;	Respiratuar Distres Sendromu	16
	Neonatal pnömoni	
	Yenidoğanın geçici takipnesi	7
	Perinatal asfiksi	
	sepsis	7
	Meningomyelose	2
	Mekonyum aspirasyonu	2
		1



Neonatal Pnömotoraks

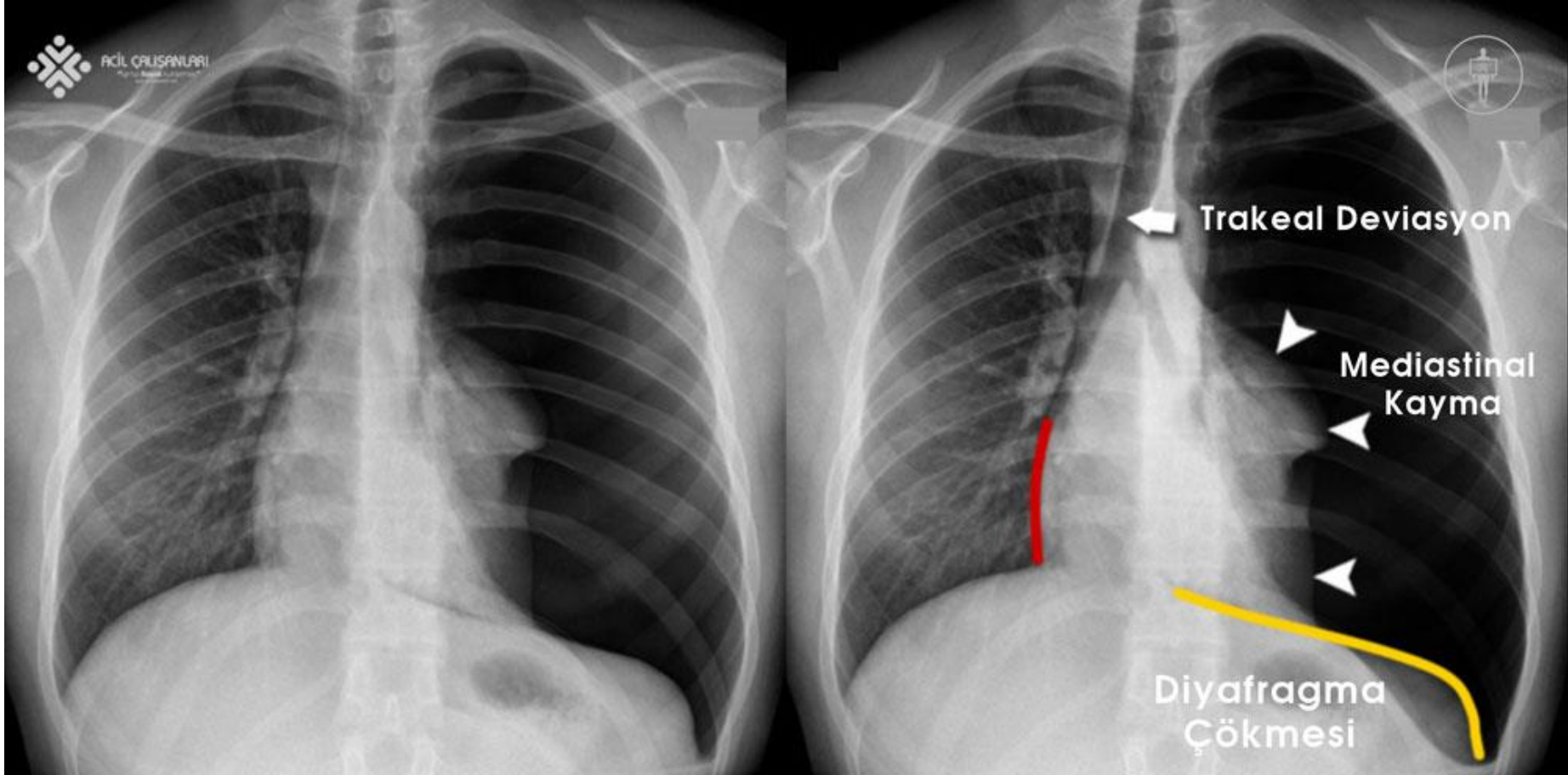


Şekil 1. Sağ pnömotoraks

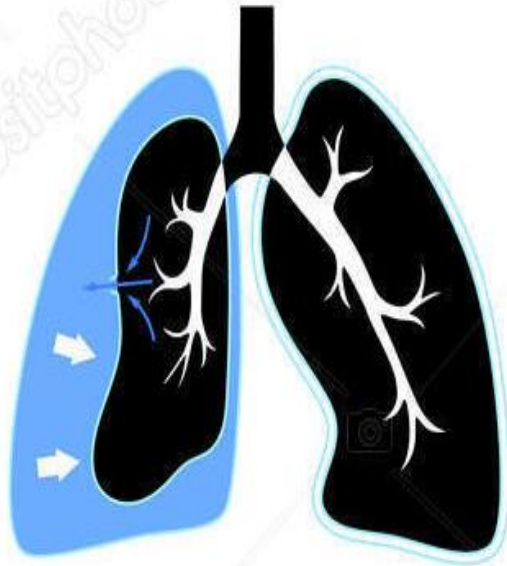
Şekil 2. Bilateral pnömotoraks

- Burun kanadı solunumu
- İnleme
- Çekilmeler
- Takipne
- Apne
- Bradikardi / Taşikardi
- Saturasyon düşüklüğü

Travmatik Pnömotoraks



TENSION PNEUMOTHORAX



Inhaling
Small Pneumothorax



Exhaling



Collapsed Lung

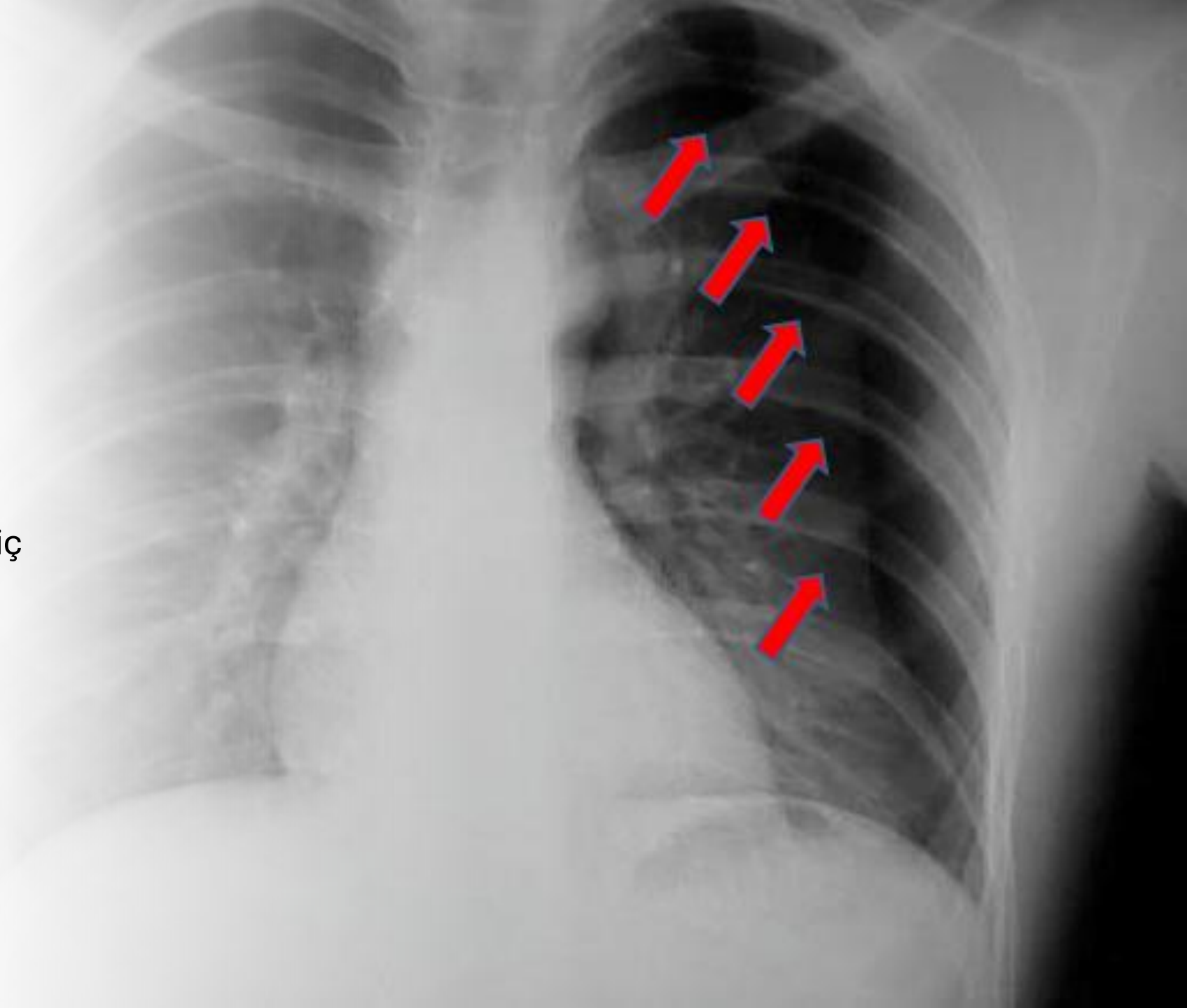


Compression of vessels and heart,
fully collapsed lung

-
- Kuru öksürük
 - Nefes darlığı
 - Dispne
 - Sırt ağrısı
 - Plöretik Göğüs ağrısı
 - Omuz ağrısı
 - Siyanoz



- Hipoksi
- Siyanoz
- Pnömotoraks olan taraf Ac seslerinin azalması ya da hiç olmaması
- Hipotansiyon
- Takipne
- Taşikardi
- Vibrasyon torasik azalması
- Şok bulguları



Risk Faktörleri

- Erkek
- Zayıf,ince,uzun
- Sigara , Elektronik Sigara
- Esrar kullanımı
- Genetik

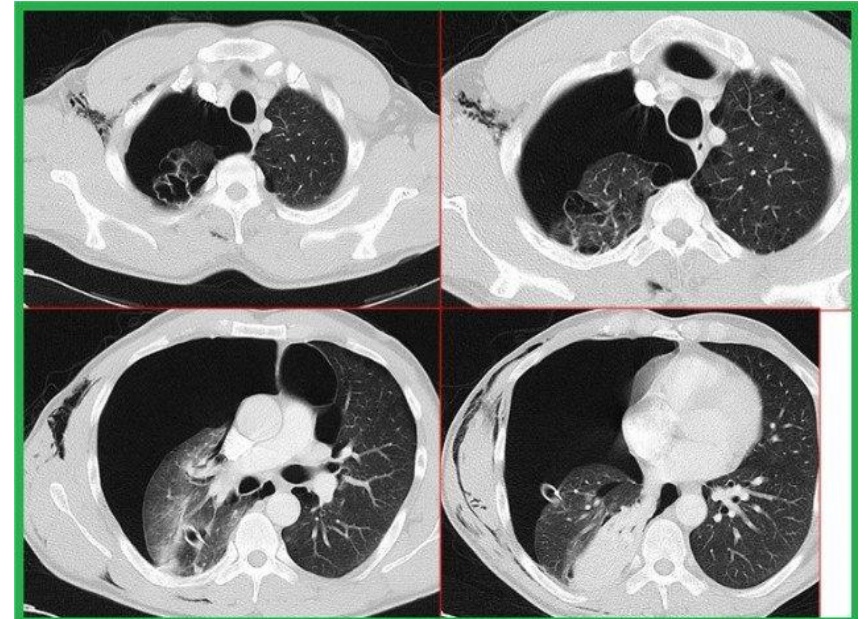


Baska Bir Tehlike

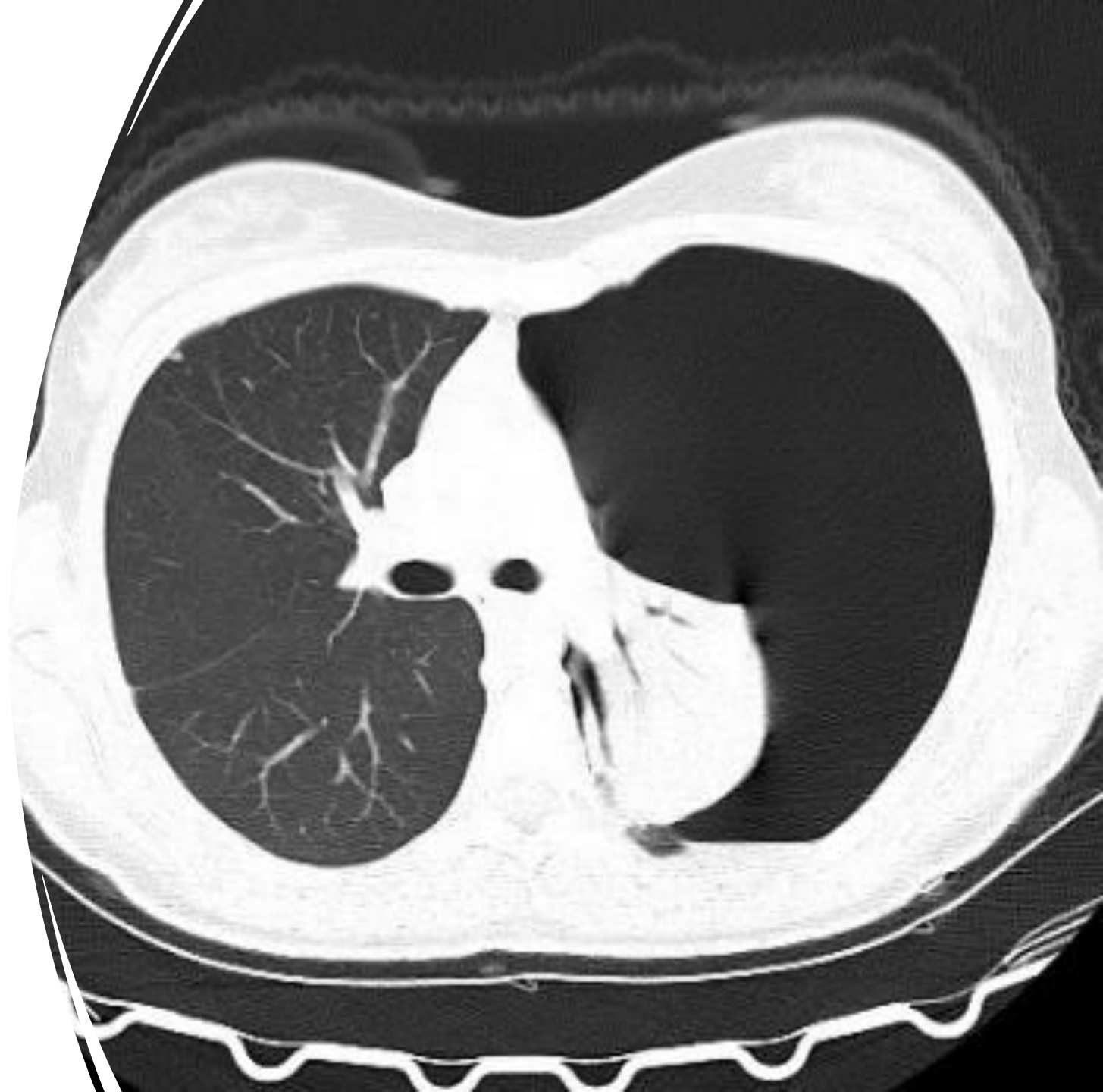
- Nüks



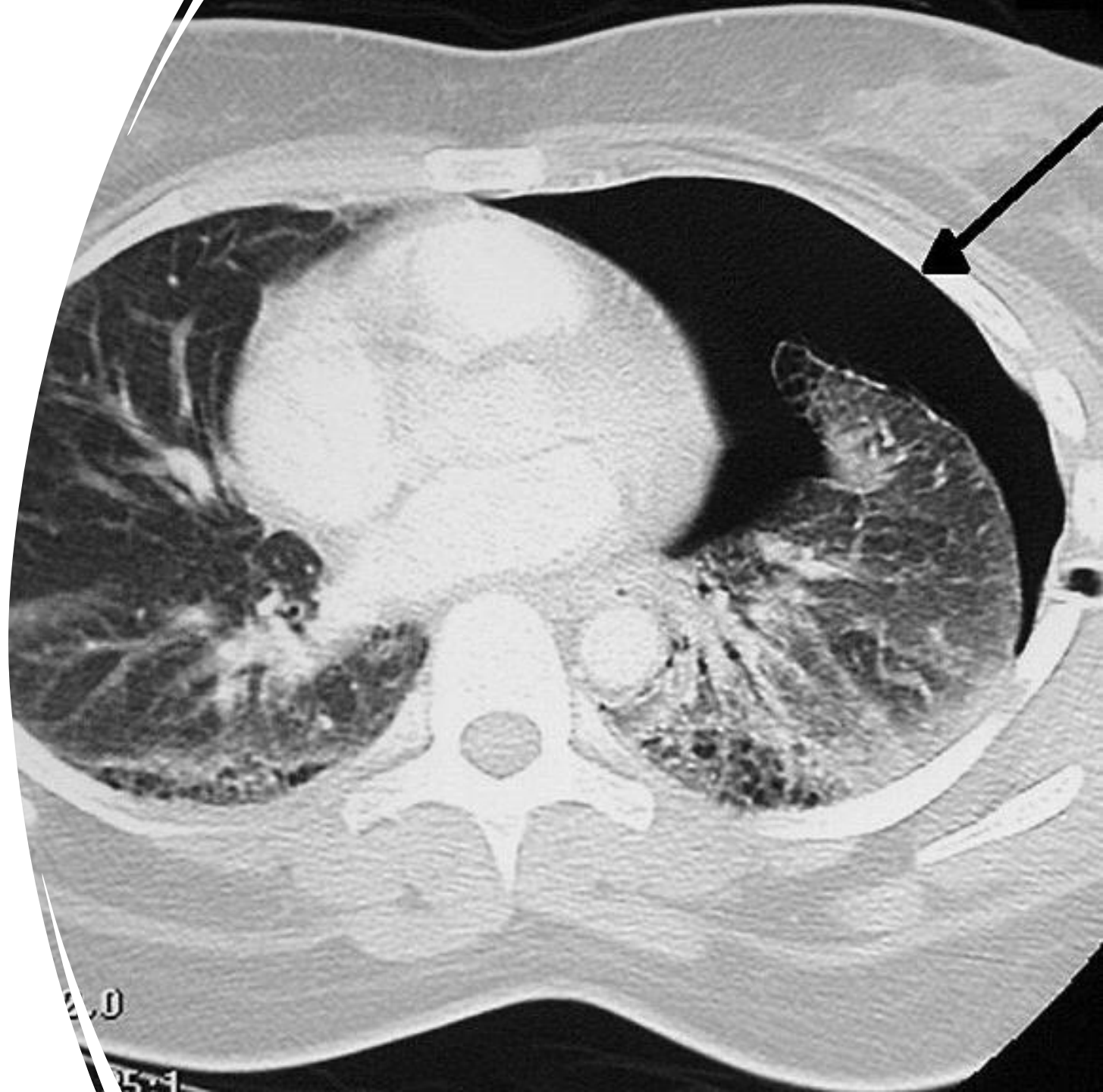
-
- BT gerekli deęil



-
- BT gerekli deęil



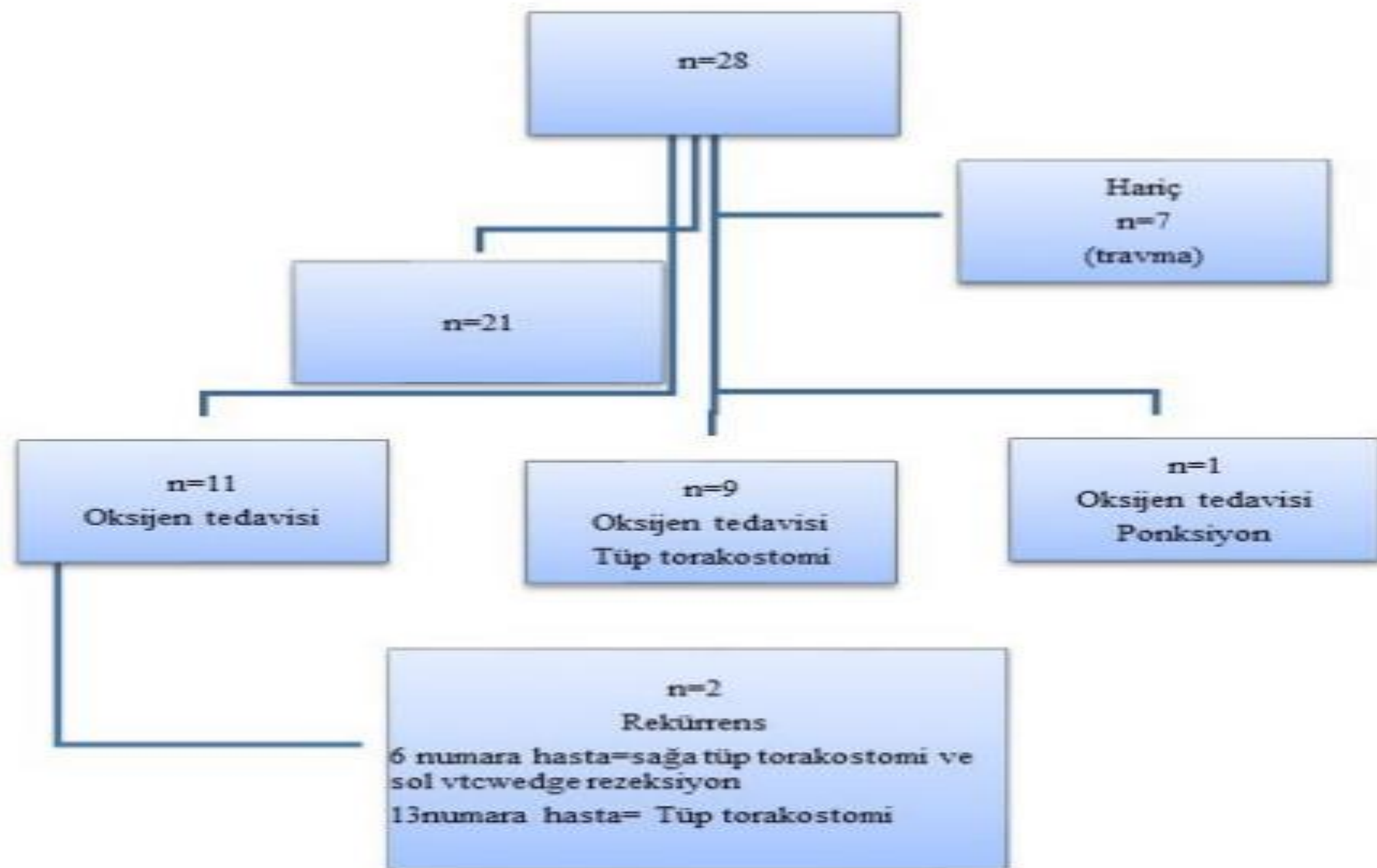
-
- BT gerekli deęil



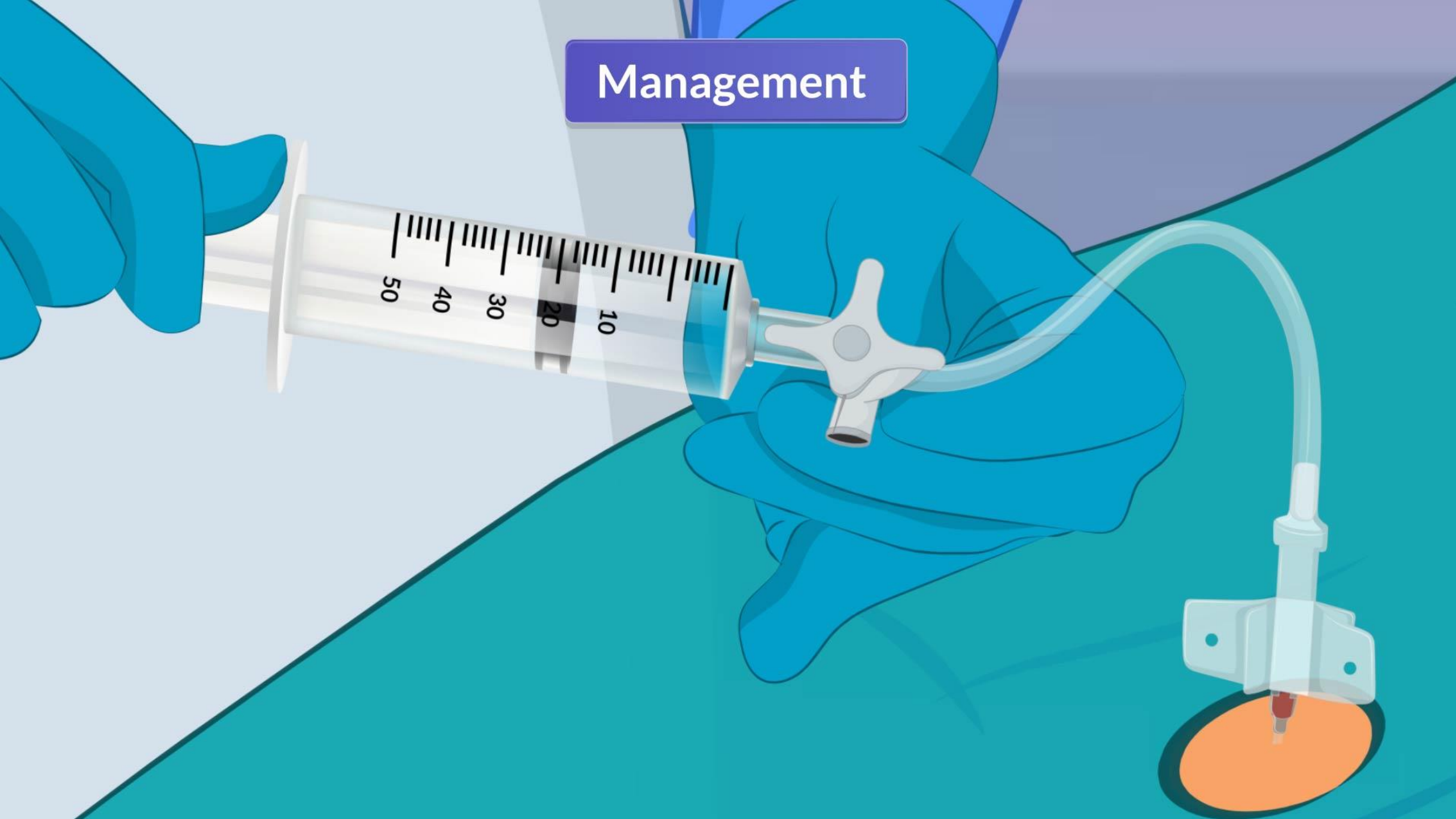
Tedavi

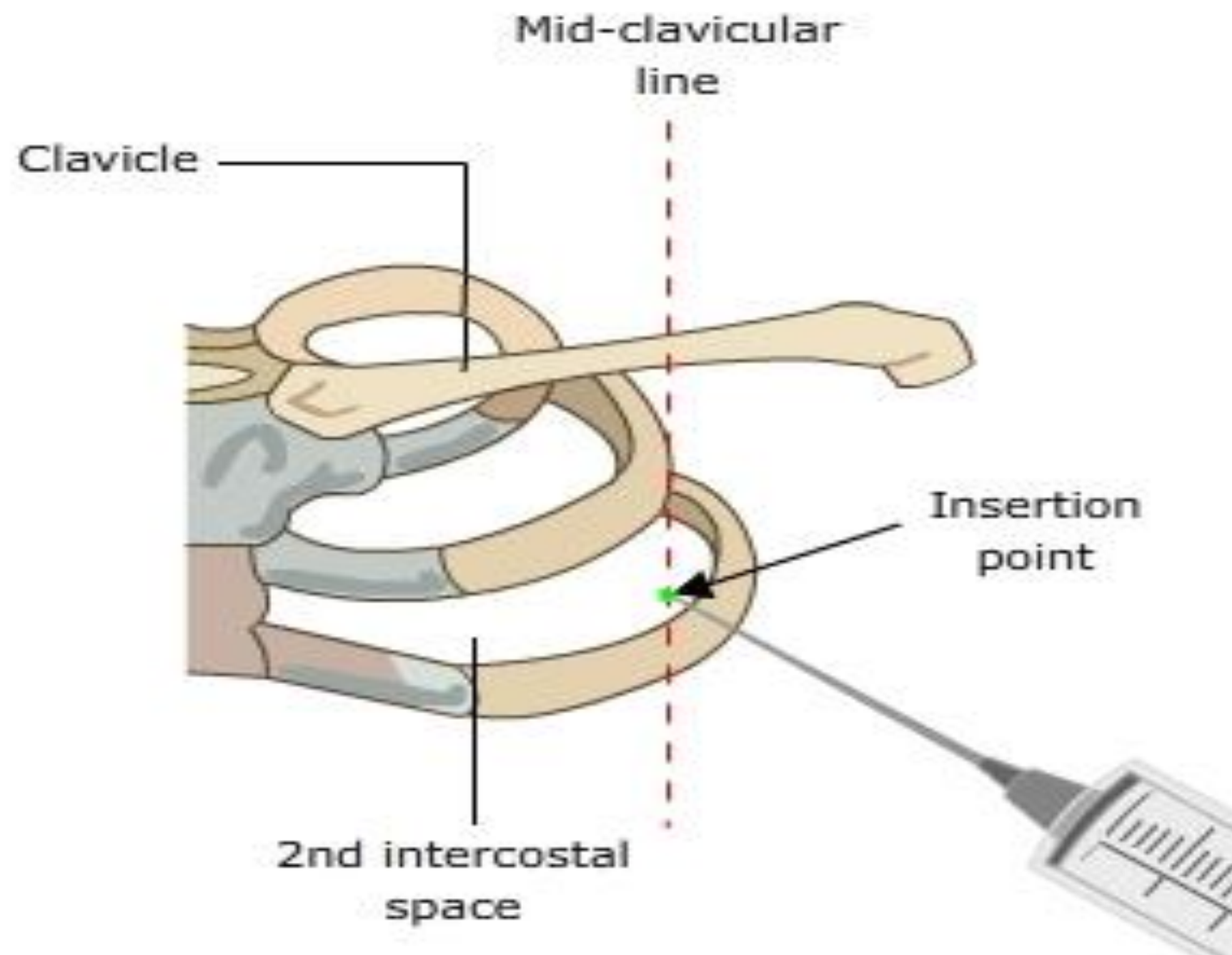
- Oksijen desteęi
- İęne aspirasyonu
- Tüp torakostomi
- VATS





Management





Göğüs Tüpü Uygulama

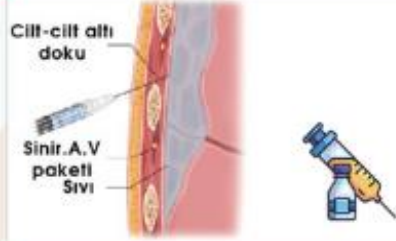
01

Antiseptik Solüsyonla Temizle



02

Lokal Anestezi



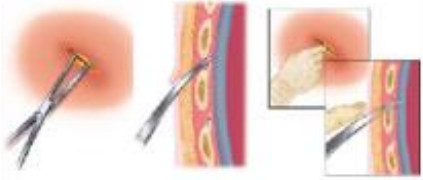
03

Giriş Yeri Kesisi



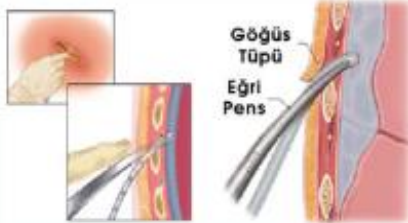
04

Künt Diseksiyon



05

Göğüs Tüpünü Yerleştirme

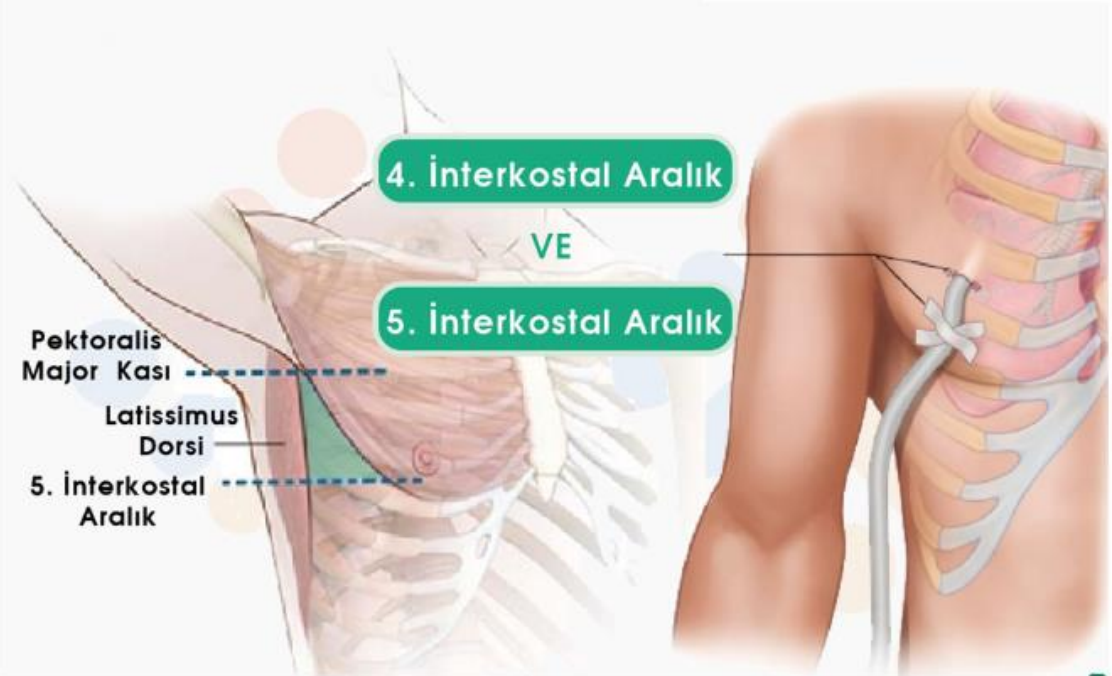


06

Tespit ve Su Altı Drenaj Sistemine Bağlama



Göğüs Tüpü Giriş Yeri



Kaynakça

- Çocukluk Çağı Primer Spontan Pnömotoraks Olgularına Yaklaşım Coc Cer Derg/Turkish J Ped Surg 2022;36(1): 1-5
- Baysungur V. Pnömotoraks. In: Ökten İ, Kavukçu H.Ş, editors. Göğüs Cerrahisi. 2nd ed. İstanbul: 176 Akın Yıldızhan Promat Basım Yayın San. ve Tic. A. Ş; 2013.p.1493-518.
- Akgül A.G, Pnömotoraks. İn: Yücel O, Genç O, editors. Plevra Hastalıkları ve Tedavisi (Jcam). Ankara: Derman Tıbbi Yayıncılık; 2011. p.54-62
- Dawson J, Rosenbaum J, Wickline K, et al. Common problems and complications of premature and full-term infants. In: Oldham K, Colombani PM, Foglia RP, Skinner MA, editors. Principles and Practice of Pediatric Surgery. Philadelphia: Lippincott Williams & Wilkins, 2005; 49-66.
- Alter SJ. Spontaneous pneumothorax in infants: a 10 year review. Pediatr Emerg Care 1997; 13: 401-403.
- Yenidoğanda Pnömotoraks ve Göğüs Tüpü Uygulamaları DOI: 10.16899/jcm.634978 J Contemp Med 2020;10(1):75-81
- Hadzic D, Skokic F, Husaric E, Alihodzic H, Softic D, Kovacevic D. Risk factors and outcome of neonatal pneumothorax in Tuzla Canton. Mater Sociomed 2019;31(1):66-70.
- Maksic H, Heljic S, Maksic S, Jonuzi F. Pulmonary complications during mechanical ventilation in the neonatal period. Med Arh 2000;54(5-6):271- 2.
- Dotson K, Johnson LH. Pediatric spontaneous pneumothorax. Pediatric Emergency Care. 2012;28:715-20.
- Robinson PD, Cooper P, Ranganathan SC. Evidence-based management of paediatric primary spontaneous pneumothorax. Paediatr Respir Rev. 2009;10:110-17.
- ÇOCUK ACİL SERVİSTE SPONTAN PNÖMOTORAKS TANISI ALAN HASTALARIN RETROSPEKTİF OLARAK DEĞERLENDİRİLMESİ Kocatepe Medical Journal 26:61-68/Ocak 2025 Sayısı
- Williams K, Oyetunji TA, Hsuing G, et al. Spontaneous Pneumothorax in Children: National Management Strategies and Outcomes. J Laparoendosc Adv Surg Tech A. 2018;28(2):218-22.
- Solanki NN, Thill CA, Chaker M, et al. Recurrent spontaneous pneumothorax secondary to marijuana and tobacco Abuse. Cureus. 2024;16:e52391.