

COVID-19 ÇOCUK HASTALARDA GÖRÜNTÜLEME TEKNİKLERİ VE RADYOLOJİK BULGULAR

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13. BÖLÜM

Radyolojik görüntüleme yöntemleri COVID-19 hastalığının ilk tanısı ve hastalık ağırlığını belirlemek için sıklıkla başvuru modaliteleridir. Doğası gereği, dünyada diğer hızlı yayılan solunum sistemi virüslerinden daha sık ve ağır şekilde pnömoni yaptığı düşünülen ve çoğu ülkede hızlı filyasyon önlemleri ile engellenmeye çalışılan bu hastalık için, özellikle göğüs X-Ray (XR) ve bilgisayarlı tomografi (CT) görüntülemeleri daha sık kullanılmaktadır. Yetişkin için tanı ve tedavide çok faydalı olabilen bu yöntemlerin çocuk yaş grubundaki uygulanırlığı ise biraz daha kısıtlıdır.

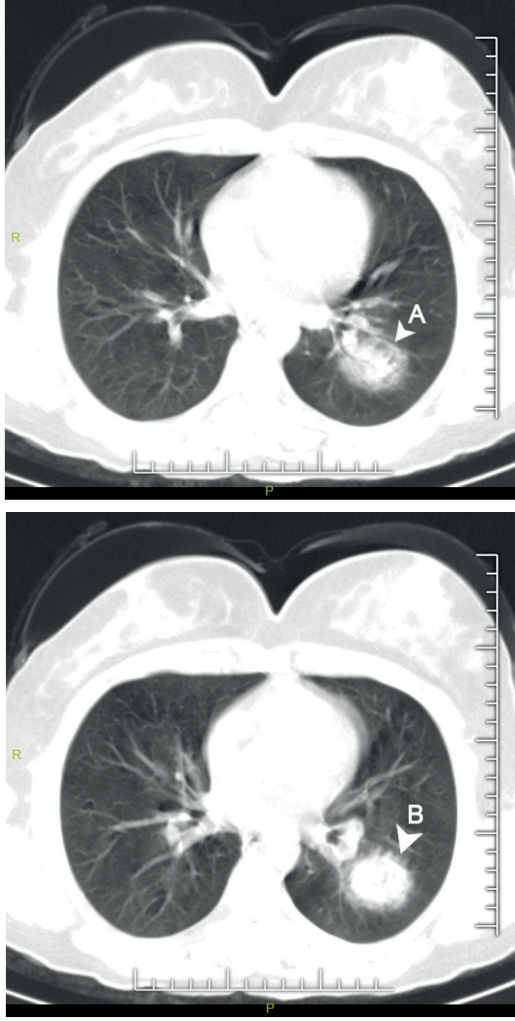
Kısıtlılıklar temelde iki olgu ile ilişkilidir. Günümüzde genel CT uygulamalarının yaklaşık 11%'lik bir kısmı pediatrik popülasyonda yapılmaktadır. Çocuklar beklenen yaşam sürelerinin daha uzun olması ve CT sırasında organ başına düşen kümülatif radyasyon dozunun daha çok olması nedeniyle radyasyon zararına daha yatkındır.¹⁻⁷ Diğer bir konu ise çocuklardaki COVID-19 seyrinde gözlenen ağır vakalardaki daha düşük oranlar nedeniyle bu görüntülemelere olan ihtiyacın azalmasıdır.^{8,9}

1. COVID-19 PNÖMONİSİNDE RADYOLOJİK GÖRÜNTÜLEMENİN YERİ

Ülkemizde T.C. Sağlık Bakanlığı tarafından yayınlanan güncel rehberlere göre, COVID-19 açısından değerlendirilecek her hastada XR görüntülenmelidir. Çocuk yaş grubunda COVID-19 odası için triyaj kriterleri farklı olsa da, değerlendirmeye alınan her çocuk için XR görüntüleme önerilmektedir. Geçen aylarla birlikte ülkemiz ve dünya genelinde kılavuzlar güncellenmiştir, XR görüntüleme ise ilk basamak değerlendirme tekniği olarak yerini korumaktadır. Aslında geç-

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Şekil 8: 17 Yaş, Kadın. A: Sol akciğer alt lob superiorsegmentte yaklaşık 29 mm çapında oval konsolide alan ve etrafında halo şeklinde buzlu cam dansiteli görünüm izlenmekte. B: Lezyon merkezi tamamen konsolide durumda. Bulgular akciğerin diğer sahalarını tutmayan tek bir büyük lezyon olması nedeniyle, atipik karakterde. Ön planda COVID-19 dışı atipik etkenleri düşündürüyor.

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