

Cranial imaging in child abuse

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Abstract

Serious head injury in children especially less than 2 years old must make the doctor thought of child abuse. Different neuroimaging modalities take role in the diagnose of child abuse . Skull X-ray and cranial CT should be done. Do not hesitate to repeat imaging and know that brain MR imaging may contribute to the diagnostic work-up, particularly in the absence of characteristic CT findings. The radiologist plays an important role in accurately identifying non-accidental cranial trauma. The clinical presentation can be non-specific or misleading. The radiologist is in the front line to suggest the possibility of child abuse , the possibility should be considered ; therefore it is important to know sometimes subtle imaging findings of child abuse . Ophthalmological examination is one of the important evaluation because the combination of retinal hemorrhages and subdural hematoma is very suggestive of non-accidental cranial trauma.



emergency interventional radiological procedures. In 2008, due to the obligatory state service obligation which is compulsory for all specialist doctors in Turkey, she was appointed to the bilecik state hospital. Particularly because it is the only hospital in the city, she has gained significant experience in emergency radiology, especially in the areas of trauma and pediatric emergency radiology.

Speaker Publications:

1. "The Frequency of Random Findings on Abdominal / Pelvis Computed Tomography in Pediatric Trauma Patients"
2. "Gallbladder injury after blunt abdominal trauma: Imaging clues for diagnosis"
3. "Complicated acute appendicitis presenting as a necrotizing fasciitis of the abdominal wall: a case report"
4. "Biceps tendon rupture diagnosed by physical examination and ultrasonography in the emergency department"
5. "Pediatric abdominal emergency imaging"

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Biography:

Betül Tiryaki Bastug was born in 1978 in Trabzon/ Turkey. She completed her first middle and high school education in Trabzon Anatolian High School from the schools of Trabzon and graduated with a high degree. She received a good grade from university entrance examinations nationwide in 1995 and continued her education at the Istanbul University Faculty of Medicine . After 6 years of education, in 2002, she took a high note from the examination of expertise in the field of universities all over the country, she started its specialist education which will last more than 5 years in the radiology department of Istanbul University Istanbul Faculty of medicine. She has spent more than 2 years of her radiology education in the interventional radiology unit and especially in the field of