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Thesis Title	The role of Magnetic Resonance Imaging as a gold standard to evaluate WBC, CRP, ESR and X-ray in predicting osteomyelitis in diabetic foot			
Year	2016			
Abstract	<p>Osteomyelitis (OM) associated with diabetes is the usual presentation worldwide. The foot is the most frequently affected site, occurring in 15% of diabetics.</p> <p>Objectives Assessment of WBC, CRP, ESR and plain X-ray in diagnosing of OM in diabetic foot in comparison with MRI.</p> <p>Methods This cross-sectional study was conducted in Baghdad and Ghazi Al-Hareri Teaching Hospitals during a period of one year from July 2015 to July 2016. A total of 50 cases with diabetic foot were included. Suggestive history and physical examination cases sent for investigations (WBC, C-RP and ESR) and those who were highly suspected sent them for xray and MRI.</p> <p>Results MRI was considered the gold test (90% of patients with positive findings). CRP showed the highest predictive value in detecting OM among diabetic patients (sensitivity = 93.3% & specificity = 80%) followed by ESR (sensitivity = 73.3% & specificity = 60%). On the other hand very weak predictive value shown by WBC and x-ray [(sensitivity = 24.4% & specificity = 20%) & (sensitivity = 8.9% & specificity = 100%)] respectively.</p> <p>Conclusion</p>			

	In general Magnetic Resonance Imaging as well as C-reactive protein
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