

University Of Baghdad	
Alkindy College Of Medicine/ Research Module	
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Year :	٢٠١٨-٢٠١٧
Abstract	<p style="text-align: center;">Evaluation of current diagnostic tests for typhoid fever in AL-Kindy Teaching Hospital</p> <p><u>ABSTRACT:</u></p> <p>Background: Typhoid fever is a potentially fatal multisystemic illness caused primarily by <i>Salmonella enteric</i> (S enterica) subspecies enterica serovar typhi and, to a lesser extent, related serovars paratyphi A, B, and C and others .</p> <p>Objectives: is to assess different methods in diagnose typhoid fever in the patients attending Al-Kindy Teaching Hospital and to know which one of them is the best in the diagnosis.</p> <p>Type of the study: A retrospective cross – sectional study.</p> <p>Patients and methods: One hundred patients consulted Al-Kindy Teaching Hospital, laboratory department in Baghdad-Iraq for diagnosis typhoid fever from Decamber-2017 to March-2018. Fifty of them were tested for Widal test and the rest were blood culture done for them.</p> <p>Results : Widal test showed positive results in 14% of the patients and the rest were negative. There was a significant difference between two groups (P=0.002), while results of blood culture showed negative result in 86% of cases and the rest 14% were positive with other bacteria like <i>E coli</i>, <i>Pseudomonus spp.</i> and <i>Staph spp.</i> There was no significant differences between two groups (P=1).</p> <p>Conclusions: Widal test is not useful in diagnosis the disease and Blood culture was negative due to inappropriate time of blood collections.</p> <p>Key words: Typhoid; fever; Salmonella</p>

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