

University Of Baghdad	
Alkindy College Of Medicine/ Research Module	
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Year :	2017-2018
Abstract	<p style="text-align: center;"><i>The Effect of Hookah Smoking on the Occurrence of Acute Appendicitis</i></p> <p>Background: Appendectomy is the most commonly performed surgical procedure, and hookah smoking is becoming more and more a trend. On the basis of the vascular effects of hookah smoke constituents, we postulated a hypothesis that associates smoking hookah with the occurrence of acute appendicitis.</p> <p>Aim of study: To evaluate the association between hookah smoking and the incidence of acute appendicitis.</p> <p>Setting: Al-kindy Teaching Hospital</p> <p>Patients and methods: This is a retrospective cross-sectional study. We interviewed 102 patients with acute appendicitis and ended with 55 after exclusion. The data analysis was done using SPSS version 25 software application, One-Way ANOVA test was used to determine P value, p-value < 0.05 was considered statistically significant.</p> <p>Results: Among the remaining 55 patients with acute appendicitis (mean age = 24 years), 23 (41.8%) were hookah smokers, while 32 (58.2%) were not. The mean age of smokers was 21, and that of the non-smokers was 25.</p> <p>Conclusion: Most patients were not smokers, and the highest proportion of the smokers was within the light smokers category. This goes against the principles mentioned in our introduction according to which we postulated the research idea.</p>

Supervisor's name and signature

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