

Assessment of biliary micro flora in patients who are underwent cholecystectomy among years 1394-1395

Abstract:

Background and objective: Bile ducts and gall bladder tract infections are usually associated with stone. During inflammation of the gall bladder bacteria has been proven and prolonged inflammation may affect the rate of infection after surgery. In this study, we sought to determine the microbial flora in patients with acute and chronic inflammation of the gallbladder bile were performed to determine susceptibility to antibiotics used to treat infections before surgery.

Methods: The study was a cross - sectional study in which all patients 94-1395 during acute and chronic inflammation of the gall bladder stone surgery who had undergone cholecystectomy, gallbladder during surgery Sterile sample preparation and to investigation was sent to the laboratory. Sample of aerobic bacteria, anaerobic, gram-positive and gram-negative were investigated. Within an hour after taking the broth was done. The data were entered to computer and evaluated with SPSS statistical software..

Results: The mean age was 47.3 the lowest was 21 and maximum was 80 years. The median age is 48 years old Balas 48 silver patients and 52 patients were under 48. 41% of patients were male and 59 percent were female. Among men, 27 women, 8 positive samples had positive culture of. Most resistance to antibiotics in bacteria were Klebsiella Ashrshyaklay and minimal resistance while the resistance enterococci was average. Cultured in 10% of patients with Gram-positive and Gram-negative was observed in 25% and 65% of culture positive patients.

Conclusion In cases of culture-positive gram-negative bacilli were more than gram positive, gram negative Ashrshyaklay of gram-positive strains of Enterococcus and Klebsiella, and also from the most common objects were obtained. Most sensitive to ciprofloxacin, respectively, was co-trimoxazole and amikacin. The highest resistance to ceftriaxone and cefixime and was found penicillin.

Keywords: Bile, Microflora, Cholecystectomy