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Ulusal Travma ve Acil Cerrahi Dergisi

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As of 2001, the journal has been indexed in Index Medicus / Medline and Scopus. Starting from 2005, it is included in Excerpta Medica and EMBASE. From 2007 onwards, it has been listed in the Science Citation Index Expanded (SCI-E) and the Journal Citation Reports / Science Edition. Since 2014, the journal is indexed in EBSCOhost and ProQuest. As of 2023, it has been added to PubMed Central.

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Unless specifically indicated otherwise at the time of submission, rejected manuscripts will not be returned to the authors, including accompanying materials.

Priority of publications is given to original studies; therefore, selection criteria are more refined for reviews and case reports.

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- 52-58 How do inflammatory marker dynamics shift with acute calculous cholecystitis severity? Akut kalküloz kolesistit şiddeti ile enflamatuvar belirteçler nasıl değişir?
 Erdoğan E, Naycı AE, Sevinc MM, Kınacı E, Orhan B, Idiz UF
- 59-65 Percutaneous cholecystostomy in elderly patients with acute cholecystitis: factors influencing mortality, morbidity, and length of hospital stay

Akut kolesistitli yaşlı hastalarda perkütan kolesistostomi: Mortalite, morbidite ve hastanede kalış süresini etkileyen faktörler Teke E, Ağca B, Güneş Y, Teke GN, Yaz AS, Aydın MT, et al

66-74 Predicting mortality in adults hospitalized with multiple trauma: Can the BIG score estimate risk?
 Çoklu travma nedeniyle hastaneye kaldırılan yetişkinlerde mortalite tahmini: BIG skoru riski tahmin edebilir mi?
 Az A, Söğüt Ö, Özçömlekçi M, Doğan Y, Akdemir T

75-83 Comparison of spinopelvic fixation and iliosacral screw fixation for posterior pelvic ring injuries

Posterior pelvik halka yaralanmalarında spinopelvik fiksasyon ve iliosakral vida fiksasyonunun karşılaştırılması Demir EB, Barça F, Havıtçıoğlu Ç, Atilla HA, Akdoğan M

84-94 Extension-block pinning versus custom-made plate fixation technique: a comparison of two methods in the treatment of osseous mallet finger injuries

Ekstansör blok pinleme ile kişiye özel plak ile fiksasyon tekniği: Kemikli mallet finger yaralanmasında iki farklı cerrahi tekniğin karşılaştırılması Kuşçu B, Gurbuz K