Could neutrophil-to-lymphocyte ratio be a new mortality predictor value in severe burns?

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Background: The aim of our study was to demonstrate if there is any relation between the neutrophil-to-lymphocyte ratio (NLR) and mortality in severe burns. Methods: The records of 366 patients who were admitted to Intensive Care Unit of Burn Center of Derince Training and Research Hospital between January 2012 and December 2015 were evaluated retrospectively. The ca ...

Comparision Effectiveness of Two Different Implant Surface Decontamination Methods by Surgical Treatment of Periimplantitis: A Clinical Trial

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Objectives: The formation of bacterial biofilm on implant surfaces is the primary etiologic reason for peri-implantitis. The aim of this study is to present a new formulation including erythritol powder, which is widely used in air-polishing devices, and ultrasonic scaler with polyetheretherketone-coated tips, and to compare treatment effectiveness of them by comparis ...

Topical Vancomycin in Cardiac surgery to reduce Sternal wound Infections: A
Randomized Controlled trial at a Tertiary Cardiac Care facility

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Objective: To determine the effectiveness of topical vancomycin in reducing the incidence of sternal wound infections (SWI) in patients undergoing coronary artery bypass graft (CABG) surgery. Study design: Randomized Controlled Trial (RCT). Material and methods: This double blinded randomized clinical trial was carried out on 276 patients scheduled for elective CABG ...

Impact of HCV antiviral therapy on the Liver Transplantation Waiting-List assessed by mathematical models

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Author(s): Eleazar Chaib*, Joao Luis Erbs Pessoa, Marizete Medeiros and Eduardo Massad

In this paper we analyze, through a mathematical model, the potential impact of HCV antiviral therapy on the liver transplantation waiting list (LTWL) in the State of Sao Paulo, Brazil. In previous papers, we projected the size of the waiting list by taking into account the incidence of new patients per year, the number of transplantations carried out in that year, a ...

Vacuum-assisted foetal delivery device to remove a rectal foreign body – A novel application of the Ventouse method

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Author(s): Basilie Teoh*, Raaj Chandra, Jacob McCormick and Ran Li

Rectal foreign bodies (RFBs) are an unusual emergency presentation readily confirmed via clinical examination and imaging, which must be quickly removed due to the risk of rectal wall tissue damage leading to perforation and
subsequent peritonitis. Several non-operative methods are described in the literature to retrieve RFBs, however removal can be especially difficu ...
Introduction: trauma is common in pregnancy; it affects one in twelve pregnancies. Abdomen represents the third anatomical region of the body most affected after the limbs and head. As pregnancy evolves, uterus increases in size and goes beyond the pelvic cavity; exposing the uterus to trauma and penetrating injuries in particular. Penetrating abdominal trauma in preg ...