Potential Impact of Dialysate Magnesium on Intradialytic Hypotension

Published On: November 30, 2016 | Pages: 031 - 034

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Numerous beneficial effects on cardiovascular health have been described for magnesium (Mg). Intradialytic hypotension (IDH) is a common complication in hemodialysis patients which contributes to cardiovascular mortality. It has been suggested that higher dialysate Mg (DMg) might reduce the risk of IDH. ...
Resting Energy Expenditure in Critically Ill Patients

Background: The determination of resting energy expenditure (REE) in critically ill patients is essential to prevent hypo and hyper alimentation.

Abstract View | Full Article View | DOI: 10.17352/2455-5495.000011

Nephrolithiasis Associated with Normocalcemic or Hypercalcemic Primary Hyperparathyroidism: An Update on Medical Management

Published On: June 24, 2016 | Pages: 013 - 018

Author(s): Simone Brardi* and Ennio Duranti

Primary hyperparathyroidism (PHPT) is a disease involving a broad range of alterations of calcium homeostasis, sustained by parathyroid hormone (PTH) levels that are clearly abnormal. The anomalies directly associated with hyperparathyroidism are nephrolithiasis and fibrocystic bone disease. Open ...

Abstract View | Full Article View | DOI: 10.17352/2455-5495.000010

Acute Management of Renal Colic and Compliance with National Standards: Closure of the Audit Loop

Published On: February 01, 2016 | Pages: 008 - 010

Author(s): Goonewardene SS* P Rajjayabun

Renal (ureteric) colic is a common surgical emergency. It is usually caused by calculi obstructing the ureter, but about 15% of patients have other causes, e.g. extrinsic compression, intramural neoplasia or an anatomical abnormality [1]. Up to 12 percent of the population will have a urinary stone during their lifetime, and recurrence rates approach 50 percent [2]. ...

Abstract View | Full Article View | DOI: 10.17352/2455-5495.000008
**Parathyroidectomies: Pre and Post Op Usage of Calcium Supplementation and Effect on Calcium Levels**

Published On: February 01, 2016 | Pages: 005 - 007

Author(s): Goonewardene SS* and Ready A

Introduction: PTH is released from the parathyroid glands behind the thyroid and is the primary regulator of calcium homeostasis. Indications for surgery in hyperparathyroidism remain controversial but can include symptomatic disease, renal stones, impaired renal function, bone involvement or marked reduction in bone density. Due to hypocalcaemia post op, pre-op calci ...

**Hemodialysis with Polymethylmethacrylate Restores the Response to Hepatitis B Vaccination in Chronic Dialysis Patients: Hypothesized Mechanism of Action**

Published On: January 21, 2016 | Pages: 001 - 004

Author(s): Ralli Chiara, Imperiali Patrizio, Gabbrilelli Claudio, Conti Paolo, Lombardi Marco, Sidoti Antonino, Capitanini Alessandro, Piluso Adriano, Tekle Kiros Seble, Duranti Diletta and Duranti Ennio*

Patients undergoing hemodialysis often present with a reduced response to anti-hepatitis B virus (anti-HBV) vaccination. The soluble form of CD40 (sCD40) is elevated in hemodialysis patients and this has been shown to correlate with lack of response to anti-HBV vaccination. Due to its high molecular weight, conventional dialyzers cannot clear sCD40. Previous studies h ...

**Proliferative Glomerulonephritis with Monoclonal Immunoglobulin Deposition: Report of Two Cases and Review of Literature**

Published On: December 09, 2016 | Pages: 037 - 039
Here we report two cases of proliferative glomerulonephritis with monoclonal IgG deposits, a form of renal involvement by monoclonal gammopathy that mimics immune complex glomerulonephritis.

**Metformin Associated Lactic Acidosis without Organ Dysfunction and Effective Treatment**

Lactic acidosis generally occurs in those who have kidney, liver, lung or heart dysfunction. Herein, a 73-year-old woman diagnosed as type B lactic acidosis due to metformin without any organ dysfunction was presented.

**Membranoproliferative Glomerulonephritis Preceding Non-Hodgkin Lymphoma Recurrence: A Case Report**

Membranoproliferative glomerulonephritis has been reported to occur in association with non-Hodgkin lymphoma, but there is little information about this relationship. Introduction: Membranoproliferative glomerulonephritis has been reported to occur in association with non-Hodgkin lymphoma.

**Intractable Hematuria Due to Advanced Cardiac Failure and Venous Stasis**

Here we report two cases of proliferative glomerulonephritis with monoclonal IgG deposits. Here we report two cases of proliferative glomerulonephritis with monoclonal IgG deposits.
A case of intractable gross hematuria in a patient with severe cardiac failure is presented. Diagnostic studies revealed venous stasis in bladder as the cause of this extensive bleeding. The clinical problems in the course of diagnosis and management of this rare and refractory condition case are discussed. ...