

Research Article

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Survival and epidemiological, social, economic and clinical aspects of pediatric peritoneal dialysis: An integrative review

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Introduction: The kidneys are fundamental organs for survival and the progressive loss of their functions causes the loss of regulatory, excretory and endocrine functions, essentially affecting the entire balance of the organism. Chronic Kidney Disease (CKD) is considered a complex disease and a worldwide public health problem with the number of patients continuously ...

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Possible effect of dialysis membrane in polymethylmethacrylate on clinical variables associated with atherosclerosis development in chronic renal failure patients

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Background: Chronic hemodialysis patients have higher cardiovascular morbidity compared to the general population. A number of studies have suggested that patients undergoing hemodialysis with polymethylmethacrylate (PMMA) membranes have a better outcome compared to other membranes. Methods: We performed a retrospective, multicenter study to evaluate the impact of P ...

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Review Article

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Clinical implications of epigenetics in Renal Cell Carcinoma

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Renal Cell Carcinoma (RCC), is the 9th most common cancer in the United States. The major classifications of RCC include clear cell (ccRCC), papillary (pRCC) and chromophobe (chRCC). Treatment for the localized disease includes resection or ablation with curative intent, or surveillance if these procedures are not feasible. Unfortunately, about one-third of patients w ...

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Case Report

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Covid-19 and severe OAT syndrome with dramatic recovery

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We describe a young man of 37 years with a transient but marked Oligoasthenoteratozoospermia (OAT) syndrome due to severe covid infection with the perfect recovery of semen parameters along with recovery of general health. Setting district general hospital: Intervention none. We review the role of the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2 viru ...

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Short Communication

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Estimation of Glomerular Filtration Rate (GFR) in pregnant women

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Pregnancy induces marked changes in the cardiovascular and plasma volume regulatory systems. By the end of the first trimester of gestation, the kidneys show marked glomerular hyperfiltration, resulting in a decrease in the patient's serum creatinine with advancing gestational age [1]. ...

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