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Case Control Study

High flux hemodialysis in elderly patients with chronic kidney failure

Xue HY *et al.* High flux hemodialysis for CKF

Hai-Yan Xue, Zhen-Jiang Li, Bin Duan, Peng Du

Abstract

BACKGROUND

Hemodialysis is an advanced blood purification technique to manage kidney

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High-Flux and Low-Flux Membranes: Efficacy in Hemodialysis

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4332995>

Sep 20, 2014 · Santoro et al. investigated the effect of high-flux hemofiltration versus low-flux hemodialysis on the mortality of patients with chronic kidney failure. The results revealed that high-flux hemofiltration increased the survival and decreased in plasma β_2 microglobulin level significantly (17).

Cited by: 8 Author: Khodayar Oshvandi, Rasol Kavyannejad, Sa...
Publish Year: 2014

Chronic kidney disease in the elderly: evaluation and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4291282>

Chronic kidney disease (CKD) is a very common clinical problem in elderly patients and is associated with increased morbidity and mortality. As life expectancy continues to improve worldwide, there is a rising prevalence of comorbidities and risk factors such as hypertension and diabetes predisposing to a high burden of CKD in this population.

Cited by: 74 Author: Mary Mallappalli, Eli A Friedman, Barbara ...
Publish Year: 2014

[PDF] BENEFITS OF TYPE MEMBRANE High-Flux AND LOW-Flux ...

<https://pdfs.semanticscholar.org/1c81/2f3cf94ec00b...>

Aim of this paper: This study aimed to investigate the dialysis efficacy of low-flux versus highflux membranes in hemodialysis patients. Material and methods: Eighty patients hemodialysis (N . O =80) participated in this cross-over clinical trial. Two sessions of low-flux and high-flux membrane dialysis were performed consecutively, in the

Prognostic effect of high-flux hemodialysis in patients ...

<https://www.researchgate.net/publication/285585590...>

PDF | We investigated the prognostic effects of high-flux hemodialysis (HFHD) and low-flux hemodialysis (LFHD) in patients with chronic kidney disease... | Find, read and cite all the research you ...

(PDF) Assessment of hemodialysis efficacy in patients with ...

<https://www.researchgate.net/publication/329804632...>

Additionally, dialysis quality is an important factor in reducing mortality in patients with chronic kidney failure. This systematic review has investigated the adequacy of dialysis in studies ...

Interdisciplinary care clinics in chronic kidney disease ...

<https://bmcnephrol.biomedcentral.com/articles/10.1186/s12882-015-0158-6>

Oct 12, 2015 · The burden of chronic kidney disease (CKD) is substantial, and is associated with high hospitalization rates, premature deaths, and considerable health care costs. These factors provide strong rationale for quality improvement initiatives in CKD care. The interdisciplinary care clinic (IDC) has emerged as one solution to improving CKD care.

Cited by: 11 Author: Tanya S. Johns, Jerry Yee, Terrian Smith-Ju...
Publish Year: 2015

Dialysis | National Kidney Foundation

<https://www.kidney.org/atoz/content/dialysisinfo>

You need dialysis when you develop end stage kidney failure—usually by the time you lose about 85 to 90 percent of your kidney function and have a GFR of <15. Click here to learn more about the stages of Chronic Kidney Disease and GFR.

<p>Is Kidney Failure Permanent?</p> <p>Usually, but not always. Some kinds of acute kidney failure get better after treatment. In some cases of acute kidney failure, dialysis may only be...</p>	<p>How Long Do Hemodialysis Treatments Last?</p> <p>The time needed for your dialysis depends on: 1. how well your kidneys work 2. how much fluid weight you gain between treatments 3. how much waste...</p>	<p>What Is Peritoneal Dialysis and How Does It Work?</p> <p>In this type of dialysis, your blood is cleaned inside your body. The doctor will do surgery to place a plastic tube called a catheter into your ab...</p>
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Urinary Tract Infections in Patients with Chronic Renal ...

<https://cjasn.asnjournals.org/content/1/2/327>

Mar 01, 2006 · Clinical trials of new drugs that are under evaluation for efficacy for UTI usually exclude patients with chronic renal insufficiency. As a result, there are few data on the urine concentrations of drugs that are licensed for the treatment of UTI in patients with underlying renal disease.

Cited by: 25 Author: David N. Gilbert
Publish Year: 2006

Hyperkalemia in patients with chronic renal failure ...

https://academic.oup.com/ndt/article/34/Supplement_3/iii12/5652169

Dec 04, 2019 · Although hyperkalemia is much more common in patients with chronic kidney disease (CKD), the reported frequency of hyperkalemia varies markedly across ... Hyperkalemia in patients with chronic renal failure, Nephrology Dialysis Transplantation, Volume 34, ... there is essentially no high-quality evidence supporting the efficacy and safety of SPS ...

Author: Stephen L. Seliger Publish Year: 2019

Clinical Pharmacology Considerations in Pain Management in ...

<https://cjasn.asnjournals.org/content/14/6/917>

Jun 07, 2019 · Pain is common in patients with advanced CKD. Over 58% of patients experience pain and approximately 49% of patients report moderate or severe pain, whether they are treated with dialysis or managed conservatively (1).

Cited by: 6 Author: Sara N. Davison
Publish Year: 2019

Heart failure in patients with kidney disease | Heart

<https://heart.bmj.com/content/103/23/1848>

Heart failure and chronic kidney disease. Proposed paradigm for the bidirectional interactions between the heart and the kidneys in patients with heart failure and chronic kidney disease, with emphasis on both the shared and novel kidney disease risk factors that ...

Thyroid function in patients with chronic renal failure ...

<https://www.sciencedirect.com/science/article/pii/S0272638601457878>

The right half of Table 3 compares nitrogen metabolism of hemodialysis patients and normal subjects in their basal state and during treatment. Although LT 3 replacement in the normal controls did not affect nitrogen balance or leucine flux, it resulted in a negative nitrogen balance, a greater urea generation rate, and an increase in leucine flux in the renal failure patients., Leucine flux is linearly proportional to ...

Treatment tolerance and patient ... - Kidney International

[https://www.kidney-international.org/article/S0085-2538\(17\)30040-6/fulltext](https://www.kidney-international.org/article/S0085-2538(17)30040-6/fulltext)

In this prospective, open-label randomized controlled trial, 381 elderly chronic hemodialysis patients (over age 65) were randomly assigned in a one-to-one ratio to either high-flux hemodialysis or online hemodiafiltration. The primary outcome was intradialytic tolerance (day 30–day 120).

Use of Alternative Medicine by Patients With Stage 5 ...

[https://www.ackdjournal.org/article/S1548-5595\(05\)00075-3/abstract](https://www.ackdjournal.org/article/S1548-5595(05)00075-3/abstract)

Jan 23, 2005 · The use of complementary and alternative medicine (CAM) in the United States is growing at a remarkable speed. Herbal products and dietary supplements are CAM therapies that have grown faster than any other CAM treatments. Little information is available about herbs and dietary supplement use in the stage 5 chronic kidney disease population.

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High flux hemodialysis in elderly patients with chronic ki



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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4681413>

Keywords: High-flux hemodialysis, Low-flux hemodialysis, Chronic kidney disease, Chronic renal failure, All-cause death rate, Cardiovascular death rate Introduction Chronic kidney disease (CKD), which may lead to chronic renal failure, is characterized by a gradual loss in renal function over a period of months to years.

Cited by: 3

Author: X. Li, H. Xu, X.C. Xiao, S.L. Deng, W. Wa...

Publish Year: 2016

Chronic kidney disease in the elderly: evaluation and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4291282>

Although considerable interest continues to mount on diseases of the elderly, there is no universally accepted definition of elderly particularly in patients with chronic kidney disease (CKD). In 1935, the USA passed the first Social Security Act, using age 65 years as the age of retirement and the age at which a person became eligible for government welfare benefits [1].

Cited by: 74

Author: Mary Mallappallil, Eli A Friedman, Barbar...

Publish Year: 2014

Elderly patients on dialysis face high risk of dementia | Hub

<https://hub.jhu.edu/2018/08/20/elderly-dialysis-dementia> ▾

Aug 20, 2018 · Older kidney disease patients who are sick enough to require the blood-filtering treatment known as dialysis are at high risk of dementia, including Alzheimer's disease, according to a study led by scientists at Johns Hopkins Bloomberg School of Public Health.

Intermittent high-flux albumin dialysis with continuous ...

<https://onlinelibrary.wiley.com/doi/abs/10.1111/aor.13532>

In this study, we assessed the effects of intermittent high-flux single-pass albumin dialysis (SPAD) coupled with continuous venovenous hemodialysis (CVVHD) on 28-day and 90-day survival and an array of clinical and laboratory parameters in patients with severe ACLF and renal insufficiency. Sixteen patients were studied.

Author: Grzegorz Niewinski, Joanna Raszeja-...

Publish Year: 2020

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Publish Year: 2016

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In addition in the CKD group, mortality due to CVD was frequently associated such that it was more likely that **patients** with CKD would die of CVD than to progress to **kidney failure** [24]. Furthermore, there was **high prevalence of CVD in dialysis patients** and ...

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Publish Year: 2014

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Author: Grzegorz Niewinski, Joanna Raszeja-... **Publish Year:** 2020

Caring for Elderly Patients with Kidney Disease: The ...

<https://www.kidneynews.org/kidney-news/special...> ▾

For instance, the progression of **kidney disease** may be very slow in some **elderly patients**, making it unlikely that they will require **renal replacement therapy (RRT)** in their lifetime. By contrast, kidney