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**Manuscript NO:** 60116

**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Study*

**Effect of alprostadil in the treatment of patients with intensive care unit complicated with acute renal injury**

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**Abstract**

BACKGROUND

Acute kidney injury is a sudden or rapid decline in the filtration function of the kidneys which marked by increased serum creatinine or blood urea nitrogen.

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## Acute kidney injury in the ICU: from injury to recovery ...

<https://annalsofintensivecare.springeropen.com/...> ▾

May 04, 2017 · The French Intensive Care Society organized its yearly Paris International Conference in intensive care on June 18–19, 2015. The main purpose of this meeting is to gather the best experts in the field in order to provide the highest quality update on a chosen topic. In 2015, the selected theme was: “Acute Renal Failure in the ICU: from injury to recovery.”

Cited by: 73

Author: Rinaldo Bellomo, Claudio Ronco, Ravindr...

Publish Year: 2017

## Mechanical Ventilation and Lung–Kidney Interactions ...

<https://cjasn.asnjournals.org/content/3/2/562> ▾

Mar 01, 2008 · Renal Effects of ALI and Mechanical Ventilation. AKI is an independent predictor of mortality in intensive care unit (ICU) patients (). Unfortunately, AKI often develops as a component of multiorgan system dysfunction in critically ill patients and may lead to mortality rates in excess of 60%, depending on the setting (2–5). Severe AKI in critically ill patients is typically part of a triad ...

Cited by: 60

Author: Jay L. Koyner, Patrick T. Murray

Publish Year: 2008

## Sepsis associated acute kidney injury | The BMJ

<https://www.bmj.com/content/364/bmj.k4891> ▾

Jan 09, 2019 · Acute kidney injury. AKI and acute renal failure have long been recognized as a complication of critical illness independently associated with mortality.<sup>16 17 18</sup> Similar to sepsis, understanding the epidemiology, pathobiology, and treatment of renal dysfunction in the ICU was predicated on establishing a consensus definition. The first widely adopted definition emerged from ...

Cited by: 64

Author: Jason T Poston, Jay L Koyner

Publish Year: 2019

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**Cited by:** 1204

**Author:** Philipp G H Metnitz, Claus G Krenn, Heinz S...

**Publish Year:** 2002

## Risk factors and prognosis for COVID-19-induced acute ...

<https://bmjopen.bmj.com/content/10/11/e042573> ▾

Nov 01, 2020 · In **hospitalised patients** without COVID-19, the mortality rate of **AKI** was 1.0%–14.4%, and the **mortality rate** of **severely ill patients in the intensive care unit** with **AKI** as a complication was 21.8%,33 both of which were lower than the **mortality rate** of **patients** with COVID-19 in conjunction with **AKI**, suggesting that **patients** with both COVID-19 and **AKI** had a higher risk of death than patients with ...

**Author:** Lirong Lin, Xiang Wang, Jiangwen Ren, ...

**Publish Year:** 2020

## Intermittent versus continuous renal replacement therapy ...

<https://academic.oup.com/ndt/article/24/2/512/1842029> ▾

Oct 14, 2008 · Robert L. Lins, Monique M. Elseviers, Patricia Van der Niepen, Eric Hoste, Manu L. Malbrain, Pierre Damas, Jacques Devriendt, for the SHARF investigators, Intermittent versus continuous **renal** replacement therapy for **acute kidney injury patients** admitted to the **intensive care unit**: results of a randomized clinical trial, Nephrology Dialysis Transplantation, Volume 24, Issue 2, February 2009 ...

**Cited by:** 290

**Author:** Robert L. Lins, Monique M. Elseviers, Patric...

**Publish Year:** 2009

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### [Outcome and features of acute kidney injury complicating ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4938842>

Background. Hypoxic hepatitis (HH) is a life-threatening complication accompanying states of oxygen depletion in critically ill **patients** at the **intensive care unit** (ICU) [1–5]. Incidence rates of approximately 10 % have been reported in critically ill **patients** at the medical ICU [3, 4, 6, 7], and mortality rate in these **patients** was more than 50 % [1, 4, 5].

**Cited by:** 16**Author:** Andreas Drolz, Andreas Drolz, Thomas Hor...**Publish Year:** 2016

### [Acute kidney injury is a frequent complication in ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4057448>

Jul 24, 2013 · **Acute kidney injury** (AKI) requires adjustment of **treatment** in the short-term; for example,