

**Name of Journal:** *World Journal of Cardiology*

**Manuscript NO:** 56382

**Manuscript Type:** META-ANALYSIS

**Effects of left ventricular assist device on pulmonary functions and pulmonary hemodynamics: A meta-analysis**

Waqas Ullah, Casey Meizinger, Zain Ali, Ankur Panchal, Rehan Saeed, Donald C Haas, Eduardo Rame

## Abstract

### BACKGROUND

Given current evidence, the effect of left ventricular assist device (LVAD) implantation on pulmonary function tests remains controversial.

### AIM

To better understand the factors contributing to the changes seen on pulmonary function testing and the correlation with pulmonary hemodynamics after LVAD

## Match Overview

3 matches

1	<b>Crossref</b> 85 words Waqas Ullah, Smitha Narayana Gowda, David Fischman. "Safety and efficacy of colchicine in patients with coronary ar...."	3%
2	<b>Crossref</b> 35 words Waqas Ullah, Nayab Nadeem, Shujaul Haq, Franklin L. Thelmo, Hafez M. Abdullah, Donald C. Haas. "Efficacy of antibac"	1%
3	<b>Internet</b> 22 words crawled on 08-Aug-2020 <a href="http://www.hindawi.com">www.hindawi.com</a>	1%
4	<b>Internet</b> 20 words crawled on 10-Jun-2017 <a href="http://www.accessdata.fda.gov">www.accessdata.fda.gov</a>	1%
5	<b>Internet</b> 19 words crawled on 24-Dec-2018 <a href="http://clinicaledgejournal.biomedcentral.com">clinicaledgejournal.biomedcentral.com</a>	1%
6	<b>Internet</b> 15 words crawled on 29-Jul-2020 <a href="http://pesquisa.bvsalud.org">pesquisa.bvsalud.org</a>	<1%





Effects of Left Ventricular Assist Device on Pulmonary Fu



Sign in



ALL

IMAGES

VIDEOS

39,800 Results

Any time ▾

## The effect of left ventricular assist device therapy in ...

<https://www.ncbi.nlm.nih.gov/pubmed/28315502>

Mar 16, 2017 · The **effect of left ventricular assist device** therapy in patients with heart failure and mixed **pulmonary** hypertension. Lim HS(1), Howell N(1), Ranasinghe A(1). Author information: (1)University Hospitals Birmingham NHS Foundation Trust, Edgbaston, Birmingham - UK.

**Cited by:** 1

**Author:** Hoong S. Lim, Neil Howell, Aaron Ranasi...

**Publish Year:** 2017

## Search Tools

[Turn off Hover Translation \(关闭取词\)](#)

## EFFECTS OF THE HEARTMATE II LEFT VENTRICULAR ASSIST ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4224296>

The HeartMate II is the most frequently used **left ventricular assist device** (LVAD) in patients with end-stage heart failure. There is a paucity of data regarding its longitudinal cardiac **effects**, particularly that on diastole. This retrospective study ...

**Cited by:** 15

**Author:** Carrie B. Chapman, Salman Allana, Nanc...

**Publish Year:** 2013

## Effects of Pulmonary Hypertension and Right Ventricular ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6367698>



Effects of left ventricular assist device on pulmonary functions and



ALL

IMAGES

VIDEOS

109,000 Results

Any time ▾

Including results for effects of left ventricular assist device on pulmonary **function** and pulmonary hemodynamics a meta-analysis.

Do you want results only for Effects of left ventricular assist device on pulmonary functions and pulmonary hemodynamics: A meta-analysis?

## Impact of Left Ventricular Assist Device on Pulmonary ...

<https://www.sciencedirect.com/science/article/abs/pii/S1071916420313592>

Impact of Left Ventricular Assist Device on Pulmonary Functions and Pulmonary Hemodynamics: A Meta-analysis. Author links open overlay panel Waqas Ullah Casey Meizinger Sohaib Roomi Rehan Saeed Margot Boigon Donald Haas Eduardo Rame.

## EFFECTS OF THE HEARTMATE II LEFT VENTRICULAR ASSIST ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4224296>

The HeartMate II is the most frequently used **left ventricular assist device** (LVAD) in patients with end-stage heart failure. There is a paucity of data regarding its longitudinal cardiac **effects**, particularly that on diastole. This retrospective study ...

Cited by: 16

Author: Carrie B. Chapman, Salman Allana, Nancy ...

Publish Year: 2013

## The effect of left ventricular assist device therapy in ...

<https://www.ncbi.nlm.nih.gov/pubmed/28315502>

Mar 16, 2017 - The **effect of left ventricular assist device** therapy in patients with heart failure and mixed **pulmonary** hypertension. Lim HS(1), Howell N(1), Ranasinghe A(1). Author information: (1)University Hospitals Birmingham NHS Foundation Trust, Edgbaston, Birmingham - UK.

Cited by: 2

Author: Hoong S Lim, Neil Howell, Aaron Ranasinghe

Publish Year: 2017

## Acute Impact of Left Ventricular Unloading by Left ...

<https://pubmed.ncbi.nlm.nih.gov/20884019>

Objective: **Left ventricular assist device** (LVAD) implantation is an established option for treatment of patients with end-stage heart failure, but outcome may be worsened by right **ventricular** failure. The aim of this study was to evaluate the acute **effect** of LVAD on right **ventricular** geometry and **function** and the **pulmonary** circulation.

Cited by: 83

Author: Marian Kukucka, Evgenij Potapov, Alexand...

Publish Year: 2011

## Optimal Hemodynamics During Left Ventricular Assist Device ...



ALL

IMAGES

VIDEOS

115,000 Results

Any time ▾

Showing results for **effect of left ventricle assist devices on pulmonary function and pulmonary hemodynamics a "meta analysis"**.

No results found for Effects of left ventricular assist device on pulmonary functions and pulmonary hemodynamics: A meta-analysis.

### Impact of Left Ventricular Assist Device on Pulmonary ...

<https://www.sciencedirect.com/science/article/abs/pii/S1071916420313592>

Impact of Left Ventricular Assist Device on Pulmonary Functions and Pulmonary Hemodynamics: A Meta-analysis. Author links open overlay panel Waqas Ullah Casey Meizinger Sohaib Roomi Rehan Saeed Margot Boigon Donald Haas Eduardo Rame.

### Pulsatile mode of operation of left ventricular assist ...

<https://pubmed.ncbi.nlm.nih.gov/24722514>

Objectives: To determine the **effect** of differing modes of **left ventricular assist device** (LVAD) operation: synchronous, independent (asynchronous or pseudosynchronous) or counter pulsation (antisyndronous), on **left** atrial pressure, **pulmonary** artery pressure, **pulmonary** blood flow and right **ventricular** work load, utilizing a previously published electrical analogy of the systemic and **pulmonary** ...

### EFFECTS OF THE HEARTMATE II LEFT VENTRICULAR ASSIST ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4224296>

The HeartMate II is the most frequently used **left ventricular assist device** (LVAD) in patients with end-stage heart failure. There is a paucity of data regarding its longitudinal cardiac **effects**, particularly that on diastole. This retrospective study ...

Cited by: 16

Author: Carrie B. Chapman, Salman Allana, Nanc...

Publish Year: 2013

### Continuous Flow Left Ventricular Assist Device Implant ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4111248>

Continuous flow **left ventricular assist devices** (CF LVAD) are being implanted with increasing frequency for end-stage heart failure. At the time of LVAD implant, a large proportion of patients have **pulmonary** hypertension, right **ventricular** (RV) dysfunction, and tricuspid regurgitation (TR).