

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 54425

Manuscript Type: REVIEW

Medical management of metabolic and cardiovascular complications after liver transplantation

Becchetti C *et al.* Metabolic complications after liver transplantation

Chiara Becchetti, Melisa Dirchwolf, Vanessa Banz, Jean-François Dufour

Abstract

Liver transplantation represents the only curative option for patients with end-stage liver disease, fulminant hepatitis and advanced hepatocellular carcinoma. Even though major advances in transplantation in the last decades have achieved excellent survival rates in the early post-transplantation period, long-term survival is hampered

Match Overview

1	Internet 273 words crawled on 19-Mar-2019 www.gastroenterologyandhepatology.net	4%
2	Internet 105 words crawled on 23-Nov-2016 pdfs.semanticscholar.org	2%
3	Internet 67 words crawled on 31-Jan-2020 res.mdpi.com	1%
4	Crossref 38 words Thomas Vanhove, Quinten Remijns, Dirk Kuypers, Pieter Gillard. "Drug-drug interactions between immunosuppr ...	1%
5	Internet 36 words crawled on 02-Sep-2019 www.hirsla.lsh.is	1%
6	Internet 32 words crawled on 13-Nov-2019 www.nutrientiesupplementi.it	<1%
7	Internet 31 words crawled on 10-Apr-2019 www.wjgnet.com	<1%
8	Crossref 25 words Valeria Grancini, Veronica Resi, Eva Palmieri, Giuseppe Pugliese, Emanuela Orsi. "Management of diabetes melli ...	<1%
9	Internet 24 words crawled on 13-Oct-2010 www.rjge.ro	<1%
10	Crossref 22 words "Poster Session 2: Immunosuppression, Outcomes, and Complications in Transplant", Hepatology, 2015.	<1%
11	Internet 21 words crawled on 26-Apr-2016 tpp.uah.edu	<1%
12	Internet 18 words crawled on 17-Jun-2017 annalsgastro.gr	<1%
	Crossref 16 words	



Medical management of metabolic and cardiovascular comp



ALL

IMAGES

VIDEOS

关闭取词

10,400,000 Results

Any time ▾

Recognition, management, and prevention of medical complications and comorbidities after liver transplant is the key to **improved long-term outcomes**. Beyond allograft-related complications, metabolic syndrome, cardiovascular disease, renal dysfunction, and malignancies are leading causes of morbidity and mortality in this patient population.

Long-term Medical Management of the Liver Transplant ...

www.ncbi.nlm.nih.gov/pmc/articles/PMC3498400/

Was this helpful?



Metabolic and cardiovascular complications in the liver ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4367207>

Sep 15, 2014 · The **improvement** in short-term **survival following** LT has **resulted** in an increased incidence of **metabolic and cardiovascular complications**, which affect the mid- and long term survival. Patients **following** LT typically gain weight and might develop **diabetes**, hypertension and dyslipidemia as a consequence of their immunosuppressive **therapy** and their lifestyle.

国内版

国际版



Medical management of metabolic and cardiovascular c



ALL

IMAGES

VIDEOS

2,860,000 Results

Any time ▾

Metabolic and cardiovascular complications in the liver ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4367207>

Sep 15, 2014 · In this paper we review the prevalence of **metabolic and cardiovascular complications** following LT, their impact on post-**transplant** morbidity and mortality and their optimal **management**.

Keywords: **Liver transplantation**, **metabolic** syndrome, **cardiovascular** disease, epidemiology, risk factors, morbidity, mortality, NAFLD, NASH, hypertension, obesity ...

The Role of Adipose Tissue in Metabolic and Cardiovascular ...

<https://www.emjreviews.com/hepatology/abstract/the...> ▾

Metabolic and cardiovascular complications are an important **burden** in patients after liver **transplantation** (LT) for many reasons, including as a result of **immunosuppressive therapy**. 1-3 **Adipose mass** is an independent predictor of **morbidity** in the general population and in other diseases, 4,5 but little is known in the **transplant setting**. 6 Therefore, the aim of this study was to evaluate the role of **adipose mass** ...

Metabolic complications in liver transplant recipients

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4968123>

Jul 28, 2016 · Core tip: The **metabolic** syndrome is a very frequent complication **after liver transplantation**; indeed, over half **transplant** patients will eventually develop it. It is also a risk factor for the development of **cardiovascular** disease, one of the main causes of long-term death **after transplantation**.

Cited by: 12

Author: Miguel Jiménez-Pérez, Rocío González-Gra...

Publish Year: 2016

Management of metabolic syndrome and cardiovascular risk ...

<https://www.sciencedirect.com/science/article/pii/S2468125319301815>

The prevalence of **metabolic syndrome** is 40–60% in patients who have received a **liver transplant** 23, 24 and increases in the years **after liver transplantation**, as shown in a prospective study of 117 **liver transplant recipients**. 24 A meta-analysis of 12 studies 15 showed that patients with **metabolic syndrome** were four times more likely to have a **cardiovascular** event than recipients without **metabolic syndrome**...

Author: Evangelia M Fatourou, Emmanuel A Tso...

Publish Year: 2019

[PDF] Longterm medical management of the pediatric patient after ...

[aasldv2019stg.aasld.org/sites/default/files/2019-06/LongTerm Medical...](https://aasldv2019stg.aasld.org/sites/default/files/2019-06/LongTerm%20Medical%20Management%20of%20the%20Pediatric%20Patient%20After%20Liver%20Transplantation.pdf)

Long-Term **Medical Management** of the Pediatric Patient **After Liver Transplantation**: 2013 Practice Guideline by the American Association for the Study of **Liver** Diseases and the American Society of **Transplantation** Deirdre A. Kelly,1 John C. Bucuvalas,2 Estella M. Alonso,3 Saul J. Karpen,4 Upton Allen,5



Medical management of metabolic and cardiovascular c



ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

7,890,000 Results

Any time ▾

[Metabolic and cardiovascular complications in the liver ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4367207>

Sep 15, 2014 · The improvement in short-term survival following LT has resulted in an increased incidence of **metabolic and cardiovascular complications**, which affect the mid- and long term survival. Patients following LT typically gain weight and might develop **diabetes**, **hypertension** and dyslipidemia as a consequence of their **immunosuppressive therapy** and their lifestyle.

[Long-term Medical Management of the Liver Transplant ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3498400>

Medical Complications After Liver Transplant. After 1 year posttransplant, nonhepatic-related causes of **death** include **malignancy** (22%), **cardiovascular disease** (11%), infection (9%), and **renal failure** (6%), whereas **liver allograft failure** accounts for less than one-third of **deaths** (Figure 1).² **Metabolic syndrome** is uncommon in patients with end-stage **liver disease before transplant** (except in ...

Cited by: 31

Author: Siddharth Singh, Kymberly D. Watt

Publish Year: 2012

[Medical Management of Metabolic Complications of Liver ...](#)

<https://www.gastroenterologyandhepatology.net/...>

As survival time following liver transplant increases, the management of metabolic complications demands increased attention. **Cardiovascular disease** is the second leading cause of **death** in the late posttransplant period, and its association with **hypertension**, **hyperlipidemia**, **obesity**, and **diabetes** has been well established.

[Management of metabolic syndrome and cardiovascular risk ...](#)

<https://www.sciencedirect.com/science/article/pii/S2468125319301815>

Sleeve gastrectomy is the preferred approach because it preserves access to gastric fundus and the

to manage biliary complications after liver transplantation, preserves the absorption of