

Name of Journal: World Journal of Hepatology

Manuscript NO: 51183

Manuscript Type: CASE REPORT

Successful ¹ liver transplantation for acute sickle cell intrahepatic cholestasis: A case report and review of the literature

Motasem Alkhayyat, Mohannad Abou Saleh, Mohammad Zmaili, Vedha Sanghi, Tavankit Singh, Carol Rouphael, C Roberto Simons-Linares, Carlos Romero-Marrero, William D Carey, Christina C Lindenmeyer

Abstract

BACKGROUND

Sickle cell hepatopathy (SCH) is an inclusive term referring to any liver dysfunction among patients with sickle cell disease (SCD). Acute sickle cell intrahepatic cholestasis is

Match Overview

Rank	Source	Words	Similarity
1	Crossref	92 words Motasem Alkhayyat, Mohannad Abou Saleh, Vedha Sanghi, Tavankit Singh et al. "Successful Hepatitis C Virus Antibody	4%
2	Crossref	47 words Shu Kwun Lui, Alyssa Krasinskas, Rushikesh Shah, Jessica M. Tracht. "Orthotropic Liver Transplantation for Acute Int	2%
3	Crossref	20 words "Clinical Vignettes/Case Reports - Esophagus", The American Journal of Gastroenterology, 2014.	1%
4	Crossref	15 words Rushikesh Shah, Cesar Taborda, Saurabh Chawla. "Acute and chronic hepatobiliary manifestations of sickle cell dis...	1%
5	Internet	15 words crawled on 22-Nov-2015 www.ncbi.nlm.nih.gov	1%
6	Crossref	13 words Olaf Guckelberger, Wolf O. Bechstein, Natascha C. Nüssler, Cornelia Radke, P. Neuhaus. "Hepatocellular carcinom...	<1%
7	Internet	11 words crawled on 01-Jan-2020 res.mdpi.com	<1%
8	Crossref	10 words "Abstracts from the 37th Annual Meeting of the Society of General Internal Medicine", Journal of General Internal Medic	<1%



26,600 Results Any time

Successful Orthotopic Liver Transplantation in an Adult ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3719104>

Jan 25, 2013 · Although uncommon, intrahepatic cholestasis may be severe and medical treatment of this complication is often ineffective. We report a case of a 37 year-old male patient with sickle cell anemia, who developed liver failure and underwent successful orthotopic liver transplantation.

Cited by: 10 Author: Morey A. Blinder, B. Geng, Mauricio Lisk...
Publish Year: 2013

Successful liver transplantation in a patient with sickle ...

<https://onlinelibrary.wiley.com/doi/10.1111/j.1432-2277.2003.tb00326.x>

Abstract Liver transplantation in the setting of sickle-cell anaemia poses several new challenges to the transplant team. Hypoxaemia, acidosis and a decrease in body temperature are common occurrences that can cause sickling in the perioperative period, putting the patient at risk of sickle-cell crises or graft dysfunction.

Cited by: 15 Author: Sven J. van den Hazel, Herold J. Metsela...
Publish Year: 2003

Intrahepatic Cholestasis in Sickle Cell Disease: A Case Report

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3065851>

Dec 21, 2010 · Abstract. Intrahepatic cholestasis (SCIC) is an uncommon but potentially fatal complication of sickle cell disease (SCD), with a high death rate, observed mainly in patients with homozygous sickle cell anemia. Herein, we describe a case of severe SCIC treated successfully with aggressive manual exchange transfusion (ET).

Cited by: 12 Author: Denise Menezes Brunetta, Ana Cristina ...
Publish Year: 2011

Successful Liver Transplantation Case Report from a ...

<https://www.hindawi.com/journals/crit/2018/5154136>

Case Reports in Transplantation is a peer-reviewed, Open Access journal that publishes case reports and case series focusing on novel techniques as well as associated side effects and complications of heart, lung, kidney, liver, pancreas and stem cell transplantation.

Author: Lucas Souto Nacif, Estrella Bianca de... Publish Year: 2018

[PDF] Successful orthotopic liver transplantation in an adult ...

digitalcommons.wustl.edu/cgi/viewcontent.cgi?article=6822&context=open_access_pubs

Liver Transplant

Medical Procedure

A surgical procedure where the diseased liver is replaced with a healthy liver from a donor.

Type of procedure: Open

Recovery time: Can take several months

Duration: About 6-12 hours

Hospital stay: Typically several days

May treat

[See all \(5+\)](#)

Liver Failure

Rare

A condition in which the liver is unable to perform its normal metabolic ...

[Read more](#)

Cirrhosis of the Liver

Common

A degenerative disease of the liver resulting in scarring and liver failure.

[Read more](#)

What to expect before procedure

- The evaluation performed to assess if the patient is a suitable candidate for a liver transplant involves several lab, imaging tests and psychological assessment that span through multiple hospital visits.
- Blood tests, urine tests, lung function tests, tests to check the functioning of heart etc; are performed.
- In addition to lab or imaging tests such as pulmonary function tests, coronary artery catheterization, chest X-ray, CT scan, kidney and liver function tests, other blood tests, information about the mental/emotional state, financial conditions, and family support is also collected.

What to expect during procedure

- A general anesthesia is given to maintain unconsciousness throughout the procedure.
- The bile ducts and the blood supply to the diseased liver are cut off and