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**Invasive Fungal infection in Liver Transplantation**

Fungal infection in liver transplant recipients

Alberto Ferrarese, Annamaria Cattelan, Umberto Cillo, Enrico Gringeri, Francesco Paolo Russo, Giacomo Germani, Martina Gambato, Patrizia Burra, Marco Senzolo

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Invasive Fungal infection in Liver Transplantation



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## Invasive fungal infections in liver transplantation.

<https://www.ncbi.nlm.nih.gov/pubmed/21345708>

Invasive fungal infections (IFIs) in immunocompromised patients, particularly **liver transplant recipients**, are the **subject of increasing clinical attention**. Although the overall incidence of fungal infections in liver transplant recipients has declined due to the early treatment of high-risk patients, the overall mortality rate remains high, particularly for invasive candidiasis and aspergillosis.

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## Fungal Infections After Liver Transplantation

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3002114>

Feb 01, 1988 · The risk factors for development of invasive fungal infections after liver transplantation were (1) longer duration of treatment with nonprophylactic IV antibiotics, (2) longer cumulative surgical time and a higher number of laparotomies, (3) an increased number of units of RBCs and **fresh-frozen plasma**, and (4) a series of pre-transplant laboratory findings: **thrombocytopenia**, **low T lymphocyte levels**, **low CD4 helper cell** ...

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Publish Year: 1988

## Invasive fungal infections in liver transplantation ...

<https://www.sciencedirect.com/science/article/pii/S120197121100021X>

May 01, 2011 · **Fungal infections** can be the major factor associated with a poor **prognosis in liver transplant** recipients. Prior studies have shown that between 5% and 42% of **liver transplant** patients develop at least one **fungal infection after transplantation**. *Candida* species are the most common, followed by *Aspergillus* species.

Cited by: 55

Author: Xia Liu, Zongxin Ling, Lanjuan Li, Bing Ruan

Publish Year: 2011

## 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

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### Liver Failure

Rare

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

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### Cirrhosis of the Liver

Common

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

[Read more](#)



Invasive fungal infection before and after liver transplantation



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## Fungal Infections After Liver Transplantation

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Cited by: 55

Author: Xia Liu, Zongxin Ling, Lanjuan Li, Bing Ruan

Publish Year: 2011

## Management of infections pre- and post-liver ...

<https://pubmed.ncbi.nlm.nih.gov/24384327>

The **burden of infectious diseases** both **before and after liver transplantation** is clearly attributable to the **dysfunction** of defensive mechanisms of the host, both as a result of cirrhosis, as well as the use of **immunosuppressive** agents. The present document represents the recommendations of an exper ...

Cited by: 62

Author: Stefano Fagiuoli, Agostino Colli, Raffaele B...

Publish Year: 2014

## Epidemiology of invasive fungal infections after liver ...

<https://www.sciencedirect.com/science/article/pii/S1341321X15002627>

Feb 01, 2016 · 1. Introduction. **Invasive fungal infection (IFI)** is an important cause of morbidity and

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[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.