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**Transmission of cryptococcosis by liver transplantation: A case report and review of literature**

Ferreira GSA *et al.* Transmission of cryptococcosis by liver transplantation

Gustavo de Sousa Arantes Ferreira,<sup>2</sup> Andre Luis Conde Watanabe, Natalia de Carvalho Trevizoli, Fernando Marcus Felipe Jorge, Carolina de Fatima Couto, Priscila Brizolla de Campos, Gabriel Oliveira Nunes Caja

## Abstract

### BACKGROUND

Cryptococcosis is a fungal infection caused by the yeast-like encapsulated basidiomycetous fungus of the *Cryptococcus neoformans* (*C. neoformans*) species complex. These fungi are ubiquitous in soil and bird droppings, and infection by them is an important global health concern, particularly in immunosuppressed patients, such as organ transplant recipients and those infected by the human

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We present a **case of cryptococcosis diagnosed** within 2 weeks of **liver transplant** and **cryptococcal infection transmitted by liver transplant** is considered as the cause. A 63-year-old woman with **hepatitis C virus-related** cirrhosis and hepatocellular carcinoma had an **orthotopic liver transplant** from a 45-year-old donor.

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Donor-Derived **Cryptococcus Infection** in **Liver Transplant: Case Report** and **Literature Review**. **Cryptococcosis** occurring within 30 days after **transplant** is unusual. We present a **case of cryptococcosis diagnosed** within 2 weeks of **liver transplant** and **cryptococcal infection transmitted by liver transplant** is considered as the cause.

## Pretransplant cryptococcosis and outcome after liver ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/lt.22024>

In conclusion, **pretransplant cryptococcosis** in patients with end-stage liver disease may not be deemed an absolute contraindication to subsequent **liver transplantation**. With adequate **pretransplant treatment** and control of the **disease** (ie, resolution of related signs/symptoms, negative culture results,...

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## Very early-onset of Cryptococcus neoformans disease ...

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Nov 30, 2019 · **Cryptococcosis** is the third most common invasive fungal infection following solid **organ transplantation**, and mortality is high. Most **cases** occur late and are due to **reactivation** of **latent infection**; however, very early **reactivation** and donor-derived **transmission** can occur.

**Author:** Tina Marinelli, Nicholas Anagnostou, ...

**Publish Year:** 2020

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