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*Retrospective Cohort Study*

**Remission of hepatotoxicity in chronic pulmonary aspergillosis patients after lowering trough concentration of voriconazole**

Teng GJ *et al.* Hepatotoxicity and concentration of voriconazole

#### Abstract

##### BACKGROUND

Chronic pulmonary aspergillosis (CPA) is a rare syndrome and is often accompanied by gradual lung tissue destruction. Voriconazole is usually employed as the first-line agent for CPA treatment. However, some patients can develop hepatotoxicity and often were forced to stop voriconazole treatment.

##### AIM

To record the improving trend of liver function and the therapeutic effects in patients after lowering the trough concentration of voriconazole.

##### METHODS

This study retrospectively analyzed 12 adult CPA patients who developed hepatotoxicity during the voriconazole treatment. In these patients, the oral dose was

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## [Voriconazole - LiverTox - NCBI Bookshelf](#)

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**Hepatotoxicity.** Transient elevations in serum aminotransferase levels occur in 11% to 19% of **patients** on **voriconazole**. These elevations are usually asymptomatic and self-limited, but approximately 1% of **patients** require discontinuation of **voriconazole** because of ALT elevations. Clinically apparent **hepatotoxicity** is uncommon, but may be more frequent than with fluconazole and itraconazole.

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