COMBI COMPOSITIONS FOR THE TREATMENT OF MUCORMYCOSIS. COMPRISING IRON CHELATOR AND ANTIFUNGAL AGENT

Abstract

The invention provides a composition including at least one iron chelating compound and at least one antifungal agent. The composition can include the iron chelating compounds deferiprone or deferasirox. An antifungal agent included in the composition can include a polyene antifungal agent, an azole antifungal agent or an echinocandin antifungal agent. The invention also provides a method of treating or preventing a fungal condition. The method includes administering to an individual having, or susceptible to having, a fungal condition a therapeutically effective amount of at least one iron chelating compound for a sufficient time to reduce the severity of a fungal condition, wherein the iron chelating compound comprises a non-siderophore or non-xenosiderophore relative to the fungal condition. A method of treating or preventing a fungal condition provided by the invention also can include administering to an individual having, or susceptible of having, a fungal condition a therapeutically effective amount of at least one iron chelating compound and at least one antifungal agent. Provided further by the invention is a method including prophylactic administration of the at least one iron chelating compound or at least one iron chelating compound and at least one antifungal agent prior to onset of the fungal condition.

(Figure 1)