**Oral Itraconazole for Therapy of Dermatophytosis Caused by Microsporum canis**  
Itraconazole could be an effective alternative to griseofulvin that has toxic effects (particularly in puppies based on this author’s experience) and frequent therapeutic relapses. Itraconazole has also been used to successfully treat M. canis infection of cats and guinea pigs.

**Itraconazole/DMSO for Fungal Keratitis in Horses**  
Fungal keratitis is a serious complication of trauma to the eye. Approximately one-half of the cases of fungal infections have involved the use of eye ointments containing corticosteroids after trauma to the globe of the eye.   
“Itraconazole is a third generation triazole that has superior penetration properties and a wide spectrum of activity. A 1% solution of itraconazole in a 30% DMSO and petroleum base has been shown to reach high concentrations within the stroma of the cornea when administered every 4 to 6 hours. In general, every 6 hours is suitable for all but Fusarium sp which requires every 4 hour administration.”  
Disease which is rapidly ulcerating “should also receive treatment that helps block the enzymes (collagenase) responsible for ulceration. A 5% acetylcysteine solution and autologous serum in which 4 mg/ml of EDTA has been added has been recommended. These need to be instilled hourly for best effect. The antimicrobial can be added to the serum.”

<http://www.pensacolaapothecary.com/anti-infective-therapy-veterinary-227.html>