A 60-year-old man presented with a corneal infiltrate paracentrally measuring 5 × 5 mm in his right eye with tentacular projections at the margins. Corneal scraping showed fungal hyphae on smear examination. On clinical suspicion, the patient was treated with linezolid, 0.2%, and itraconazole, 1%. On follow-up, the patient presented with an increase in pain and deterioration of vision in that eye, along with brownish-black surface pigmentation of the infiltrate, and the culture grew *Curvularia*species. Treatment was altered as per culture report, and the patient responded to topical natamycin and itraconazole with healing of the infiltrate with scar formation and visual improvement.