





Introduction























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## **B)** Preparation of fusarium suspensions:

 Fungal suspensions with a concentration of 10<sup>5</sup>
CFU/ml were prepared and kept in sterile cryo vials.





## D) Confirmation of infection and initiation of treatment

On the 4th day:

- Fungal infection was confirmed.
- Group (A) received no treatment.
- Group (B) received topical Voriconazole (1 mg/mL) drops every hour.







F) Clinical eva Mod	lluation: lified scale of Sch	reiber et al. (20	03)		
	Grade (0)	Grade (1)	Grade (2)	Grade (3)	
Conjunctival hyperemia	No hyperemia	Mild	Moderate	sever	
Corneal clouding	No edema	Mild	2 quadrant	Total edema	
Corneal vascularization	Clear	Up to 2 mm	> 2 mm	To the center	
Degree of infiltrate	Measured in millimetres				
Hypopion degree	Measured in millimetres				
			EC	52023	



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H) Histopathology evaluation:					
	None	Low	Moderate	Intense	
Inflammation (Inflammatory cells)	No cells	<25% of corneal thickness	25% - 50% of corneal thickness	>50% of corneal thickness	
Edema	No edema	<25% of corneal thickness	25% - 50% of corneal thickness	>50% of corneal thickness	
Hyphae density	No hyphae seen	hyphae seen but no mass formation	mass formation seen < 25% of corneal thickness	mass formation seen > 25% of c orneal thickness	
			EC	52023	























High fluence PACK-CXL					
Ţ	Decreases inflammatory signs, accelerates healing and decreases the				
	Incidence of corneal perforation and intraocular inflammation. Increasing the total fluence of UVA is associated with better outcomes regarding clinical improvement and pathological features of inflammation.				
	E052023				



