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Bacterial pathogens in conjunctivities and corneal ulcers with special reference to streptococcus pneumonia

MD (Medical Microbiology) - 2010

D 2335

322 conjunctival and corneal swabs of both OPD and in ward patients with conjunctivitis and corneal ulcers were processed. Also 31 samples of corneal button and 4 samples of vitreous fluid from inward patients with corneal ulcers were proceeded. All samples were cultured on 3 agar media (blood, chocolate, MacConkey) according to the standard microbiological techniques. Identification was done by standered microbiological techniques like gram stain, oxidase test, catalase test, etc. Confirmation of stero pneumoniae was done by testing sensitivity to 5 microgram optochin disk and by the test of bile solubility. Direct Gram stain of the swabs was done when it is possible and especially on the request of the clinicians. All pneumococcal isolates were tested for MIC of penicillin and were serogrouped.