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INTRODUCTION

- CONCRETIONS



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CONTENT

1. CONCRETIONS

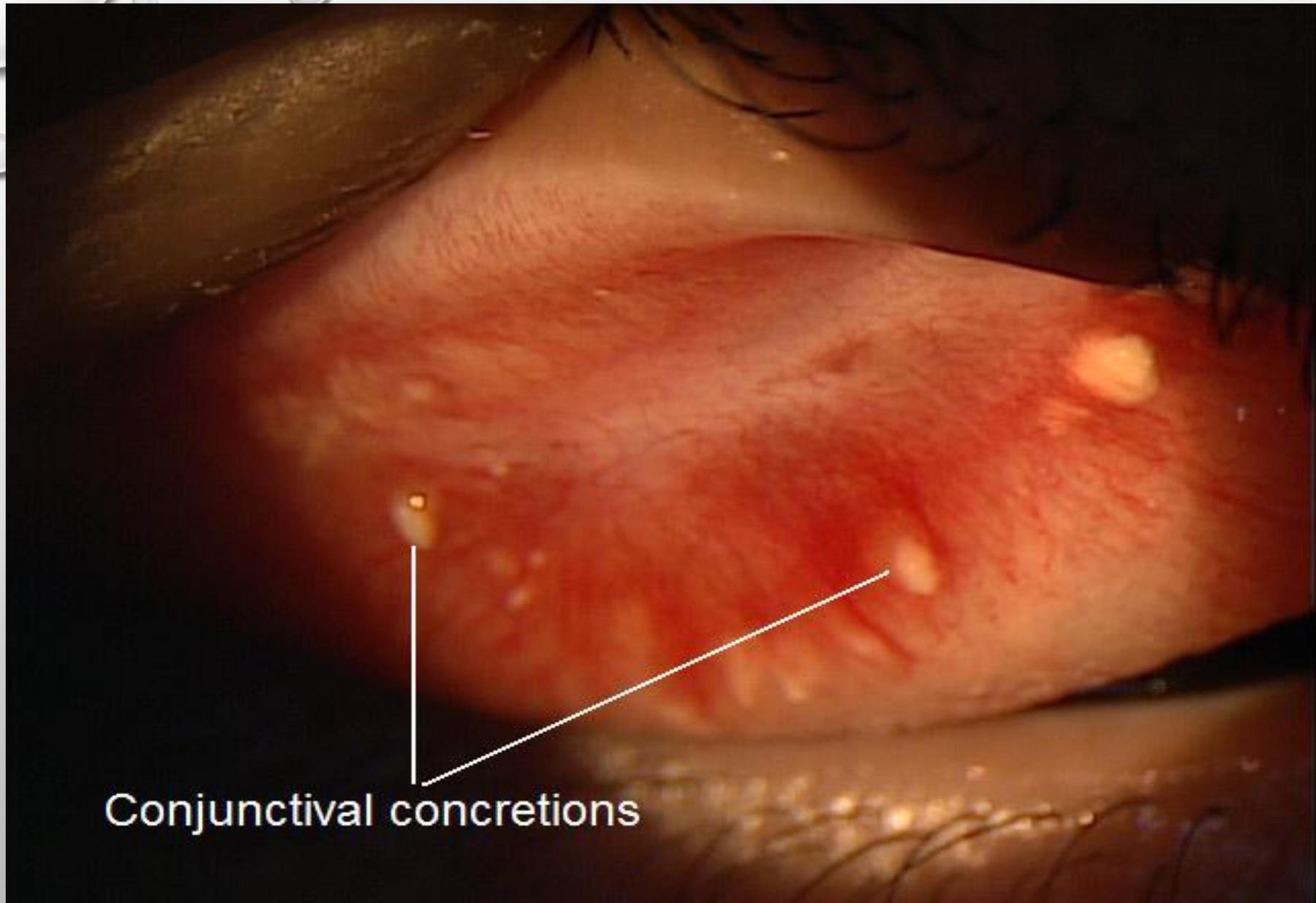


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3. CONCRETION (LITHIASIS)

- ❖ Its is common lesions which most frequently effect elderly patients and also occurs in chronic meibomian gland disease
- ❖ It occurs as a minute, hard yellow spots in the palpebral conjunctiva in elderly individual with chronic inflammation
- ❖ Occurrence rate 40% to 50% of studied population



Conjunctival concretions





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PATHOLOGY

- ❖ Concretion are formed due to degeneration of epithelial cells and proteinaceous secretion from subconjunctival gland, often undergo calcification
- ❖ inspissated mucus in depression called Henle's gland



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ETIOLOGY

- ❖ Most commonly associated with aging and chronic inflammation such as long standing (conjunctivitis)
- ❖ Also associated with recrystallization of certain eye drops



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SIGN AND SYMPTOM

- ❖ Small, multiple often chalky yellow white deposit commonly seen in the inferior tarsal and forniceal
- ❖ Foreign body sensation



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TREATMENT

- Treatment is not usually necessary because concretions are subepithelial and asymptomatic condition
- in severe cases removal under topical Anaesthesia with sharp hypodermic needle



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REFERENCE

1. Peyman's principles and practice of ophthalmology
2. Clinical ophthalmology-Jack Kanski
3. Wikipedia and google



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THANK YOU