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1.96%, from 1,965 to 2,000). (10,801 patients examined. Prevalence Angeles (UCLA) autopsy eye database years); University of California at Los Years of age to 2.1% for those aged 75-97 with age from 0% for those aged 49-55 asteroid hyalosis. Prevalence increased aged 49-97 years with 1% prevalence of Blue Mountains Eye Study (3,654 patients more prevalent in men); The Australian hyalosis was mainly unilateral and was 2.9% in those aged 75-86 years. Asteroid 0.2% in subjects aged 43-54 years and hyalosis was present in 1.2%. Prevalence 6. Beaver Dam Study (out of 4,952, asteroid

5. This is unknown at present. See point 3 degenerate retina into the vitreous. to suggest that lipids diffuse from a although recent animal studies appear 4. Unknown. There are several theories,

intraocular tumours - the link is

increased serum calcium levels,

1. These are the deposits of asteroid

Answers

hypercholesterolaemia, lipidaemia, 3. Age, diabetes mellitus, hypertension,

2. Calcium, phosphates and phospholipids.

apove.

controversial.

vyalosis.

incidence of this condition?

- 5. What is the aetiology of this condition? 6. Which three major studies examined the
- 4. What is the pathogenesis?
- 3. Which conditions is this condition associated with?
- 2. What are they composed of?
- 1. What are these deposits in the vitreous?

Questions

Slit-lamp examination shows multiple well defined bodies within the vitreous cavity, in an eye otherwise showing background diabetic retinopathy.

The patient elects to undergo a vitrectomy. Figure 1 - hematoxylin and eosin stain (H&E).

Figure 2 - polarised optics.

Figure 1.

Figure 2.

- A 55-year-old diabetic male presents with some annoying floaters in his left eye.

History

PATHOLOGY OUIZ