

Answers to Audience Questions - WSPOS World Wide Webinars

WWW 21 – Season 2 – Updates in Ophthalmology



Ike Ahmed



David Granet



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Namrata Sharma



Namrata Sharma (NS), Andrew Lee (AL), Shigeru Kinoshita (SK)

1. When artificial tears are recommended for children?

SK: A very rare occasion. But aqueous deficient dry eye such as Sjogren's syndrome does exist in children.

2. Is there a role for Omega 3 supplements for children with dry eye?

SK: Unlikely if children's nutrition is good.

3. Do you see any effect of multivitamins on dry eye?

SK: We do not have evidence to prove beneficial effects.

4. Dr Lee : This hypermetropic shift persists?

AL: The hyperopic shift does persist and requires reading glasses in some astronauts after return to Earth but no permanent or non-correctable visual loss has occurred in SANS.

There has been no radiation retinopathy recorded in SANS although isolated cotton wool spots of undetermined etiology have been seen in some astronauts. These cotton wool spots are asymptomatic and produce no visual field defect that is detectable on Earth.

5. Any effects of UV radiation on retina during long stay evaluated?

NS: There are no adverse effects reported by UV radiation on retina on a long term follow up after collagen cross linking

6. What is your experience with erythromycin or azithromycin in meibomitis in children?

SK: I usually use cefmenoxime eye drops with either cephalosporin or clarithromycin systemically in children. Erythromycin or azithromycin should be effective as well. The target microorganism is P. acnes.