



WSPOS

World Society of Paediatric  
Ophthalmology and Strabismus



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# WSPOS & STRABOS NEWSLETTER GLOBAL CASE REPORT QUIZ

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# CASE REPORT

Male, 21 years old, journalism student who wants to work on sports television and is concerned about his appearance (XT and nystagmus).

Albinism with nystagmus noticed since 1 month of age.

# EXAMINATION

Refraction: OU: +2.50 sph -4.00 cyl x 90

Binocular best corrected visual acuity : 0.2

Fundus: albinoid

Motility: small angle XT and pendular nystagmus (video & photos)



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**PLEASE CLICK ON THE IMAGE TO VIEW THE VIDEO**



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# VERSIONS



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PLEASE ANSWER THE QUESTIONS POSED ON  
THE NEXT SLIDE BEFORE PROCEEDING  
WITH THE CASE PRESENTATION

# HOW WOULD YOU HELP THIS PATIENT?

1. HOW WOULD YOU MANAGE THE CASE?

- A. Observe and tell him that there is nothing to do.
- B. Lateral Rectus recession in one eye
- C. Four horizontal muscle tenotomy and reattachment
- D. Manage the case in some other way

2. WHAT DO YOU FEEL IS THE MOST ACCEPTED THEORY FOR THE MECHANISM OF STRABISMUS SURGERY DAMPENING NYSTAGMUS?

- A. Restriction
- B. Proprioception
- C. Convergence
- D. Muscle slack
- E. Other

# WHAT DID WE DO?

Surgery in February 2018

Four horizontal muscle tenotomy and reattachment combined with 3mm lateral rectus recession OU.



# 30 DAYS POST-OP AND 1 YEAR FOLLOW-UP

Binocular BCVA postop: 0.3 – one line improvement

Patient is happy and satisfied with the result:

- notices better depth perception
- saying that it is easier to read after surgery.

# COULD OUR EXPERTS PLEASE ANSWER THESE QUESTIONS IN ADDITION TO THOSE ASKED EARLIER?

1. What is your experience with this surgery of four muscle Tenotomy and reattachment to dampen nystagmus?
2. What improvements does the patient clinically describe after surgery?

*Thank You!*