

Bilateral medial rectii recessions as a surgical modality for bilateral alternating infantile Esotropia in 6 months old male twins

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Abstract: Squint or strabismus is an ocular condition in which an eye deviated from its normal position of parallelism we have different forms of squints 1 con 2 acquires one of the most important things while dealing with a squint is to do the following things 1. Visual assessment 2. Refraction mydriatic 3. Fundus examination Why funds as in children retinoblastoma and coats disease can present as squint urge we have got various forms of squint 1. Accommodate 2. Non Accommodative 11 paralytic non paralytic 11 concomitant non concomitant squint can be esotropia, exotropia, hypertropia, hypotropia, pseudotropia, hertropia, microtropia and cyclotropia.

Introduction: Bil alternating infantile tropia can present as 1. Crossed fixation 2. In crossed fixation 3. A v pattern 4. Broad angle 5. Over action of Inf oblique 6. Covering the dominant eye will make the child to cry.

Case Report: 6 months old twins were seen by me in 2002 with parents having noticed bil alternate inward ocular deviation since 3 months on examination both twins had 20 to 25 degrees bil alternating esotropia f t normally delivered children no other cong abnormalities present ocular movements full and within normal limits mydriatic refraction ant segment and fundii normal both twins no evidence of abnormal head posture or ocular torticollis so under gain both twins bil 5mm medial rectii recessions was done after exposure of eye with eye sprculm rotation of eye balls was done with 6 zero silk sutures passed at 6 and 12o clock positions respectively isolation of medial rectii was done through limbal based conjunctival aproach 5 mm recessions of medial rectii was done and position of produces asatisfactory correction of angle of squint but it produces

minimal eye reaction as in recession we do not cut muscle so reaction is less however there are few complications associated with this procedure not serious but they are as follows 1 under correction 21 amblyopia over action of inferior oblique medial rectii was secured on sclera using 6 zero vicoryl sutures then conjunctival reposition was done post operatively there was a very satisfactory correction of angle of squint with minimal eye reaction discussion medial rectii recessions for bil alt inf esotropia is a n operative modality of choice even after more than 15 years same procedure is done these days conclusion medial rectii recessions for bil alt esotropia not only produces a satisfactory correction of angle of squint but the eye reaction is minimal as in recessions as we do not cut muscles the eye reaction is minimal howevross few complicationsser we do come ross few post-operative complications as

1. Under correction
2. Amblyopia
3. Over action of Inf. oblique
4. Accomodative element
5. DVD (Dessociated Verticle Deviation).



Biography:

Dr. Gowhar Ahmad is a Director in the Department of Ophthalmology, Florence Hospital, Multispecialty Centre, Kashmir, India. He pursued his MBBS from University of J&K and Master of Surgery in Ophthalmology, SN Medical College, University of Agra. He obtains a fellowship in Paediatric Ophthalmology from Morefield's Eye Hospital, London and fellowship in Oculoplasty and Neurophthalmology from King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia. He had more than 40 years of experience in the field of Ophthalmology and served as guest National and International speaker. He has posted more than 700 Ophthalmic articles on Linked-in, and more than 800 on Docplexus. He is the key opinion leader on the Curofy having published more than 1600 posts. He has published many ophthalmic International Papers and served as Editorial Member for International Journal of Science and Research. He attended the World Congress on Pediatrics and Clinical Pediatrics at Dubai, UAE on November 28th and 29th 2018 as a guest speaker. He is the Editorial Board Member for Clinical Pediatrics 2019 Congress, to be held in June 2019, in Scotland. He is also a member of the Kashmir Ophthalmic Society. He served as Ex Senior Consultant Ophthalmologist and Hod of QATEEF Central Hospital Eastern Province, KSA. He is also the Ex Sr Con Ophthalmologist of Govt Medical College, Srinagar, Kashmir, India. His special interest are Pediatric Ophthalmology, Oculoplasty, Neurophthalmology, Medical Ophthalmology. He is also interested in community ophthalmology and has conducted many eye camps in rural areas.

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Speaker Publications:

1. Case Report of Bilateral Medial Rectii Recessions as a Surgical Modality in Cases of Bil Alternating Infantile Esotropia in 6 Months Old Male Twins (Case Report), Mdicall & Surgical Ophthalmology Reserch , ISSN 2578-0360, February 06, 2018.
2. Rare and Interesting case of Goldenhars Syndrome in a 3 years male child, Mdicall & Surgical Ophthalmology Reserch, ISSN 2578-0360, February 20, 2018 .
3. Keratoconus, Acta Scientific Ophthalmology Volume 1 (3); November 2018.
[30th World Congress on Ophthalmology & Optometry;](#)
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