

WORKSHOP ON
ACCOMMODATIVE
ESOTROPIA

LIONEL KOWAL

3yo with history of intermittent ET for 3-6 months

- Kay pix & AO Allen pix: 6/12 OU
- Lea 6/15 OU
- Dry retinoscopy ~+1 DSOU
- Cyclo R +3, L +2.5

- #1: NO ET seen on exam

3yo with history of intermittent ET for 3-6 months

- Kay pix & Allen pix: 6/12 OU
- Lea 6/15 OU
- Dry retinoscopy ~+1 DSOU
- Cyclo R +3, L +2.5

- #2: ET / ET' 25Δ

ET: EsoTropia

ET': Near angle

3yo with history of intermittent ET for 3-6 months

- Kay & Allen pix: 6/12 OU
- Lea 6/15 OU
- Dry retinoscopy ~+1 DSOU
- Cyclo R +3, L +2.5

#3: EX = 0 [= straight for distance].

ET' 25Δ

3yo with history of intermittent ET for 3-6 months

- Kay pix & Allen AO pix: 6/12 OU
- Lea 6/15 OU
- Dry retinoscopy : low+
- Cyclo +7 DSOU

- #4: no ET seen

3yo with history of intermittent ET for 3-6 months

- Kay & Allen pix: 6/12 OU
- Lea 6/15 OU
- Dry retinoscopy : low+
- Cyclo +7 DSOU

- #5: ET / ET' 25 Δ

3yo with history of intermittent ET for 3-6 months

- Kay & Allen pix: 6/12 OU
- Lea 6/15 OU
- Dry retinoscopy : low+
- Cyclo +7 DSOU

- #6: EX=0. ET' 25 Δ

3yo with history of intermittent ET for 3-6 months

- Cyclo +7 DSOU
- EX/EX'=0 cc

- #7: now **age 7**
- XT 20 cc, EX'=0

EX=0 straight for distance

EX'=0 straight for near

EX/EX'=0 straight

3yo with history of intermittent ET for 3-6 months

- ET/ ET' 25Δ
- CR R +3, L +2.5
- Given CR to wear

1 month later:

- R 6/12, L 6/6
- Straight D&N [EX/ EX'=0]

3yo with history of intermittent ET for 3-6 months

- ET/ ET' 25 Δ
- CR R +3, L +2.5
- Given CR to wear

1 month later:

- R 6/12, L 6/6
- R ET 10 Δ , R ET' 20 Δ

3yo with history of intermittent ET for 3-6 months

- $EX=0$. $ET' 25\Delta$
- CR R +3, L +2.5
- Given CR to wear

1 month later: $EX/EX' = 0$

$EX=0$ straight for distance

$EX'=0$ straight for near

$EX/EX'=0$ straight

3yo with history of intermittent ET for 3-6 months

- EX=0. ET' 25 Δ
- CR R +3, L +2.5
- Given CR to wear

1 month later:

- ET / ET' =15 Δ

3yo with history of intermittent ET for 3-6 months

- EX=0. ET' 25 Δ
- CR R +3, L +2.5
- Given CR to wear

1 month later:

- EX=0. ET' 15 Δ

3yo with history of intermittent ET for 3-6 months

- $EX=0$. $ET' 25\Delta$
- CR R +3, L +2.5.
- Given CR to wear.
- Persisting ET' : given +3DS add
1 month later:
- $EX / EX' =0$.

3yo with history of intermittent ET for 3-6 months

- EX=0. ET' 25 Δ
- CR R +3, L +2.5.
- Given CR to wear.
- Persisting ET' : given +3DS add

1 month: EX / EX' =0.

3 months:

- ET 15 Δ .
- ET' upper seg 30 Δ , add 10 Δ

3yo with history of intermittent ET for 3-6 months

- $EX=0$. ET' 25Δ
- CR R +3, L +2.5.
- Given CR with +3DS add.
- Small changes over next 4 years.
- Usually $EX / EX' = 0$.

Age 7:

- ET 15Δ .
- ET' upper seg 30Δ , add 10Δ

3yo with history of intermittent ET for 3-6 months

- ET / ET' 25Δ
- CR R +3, L +2.5.
- Refuses to wear glasses

3yo with history of intermittent ET for 3-6 months

- ET / ET' 25 Δ
- CR R +3, L +2.5.
- Refuses to wear glasses

- 3 months later:
- R 6/15, L 6/9
- R ET 25, R ET' 30

3yo with history of intermittent ET for 3-6 months

- ET / ET' 25 Δ
- CR R +3, L +2.5.
- Refuses to wear glasses

@ 6 months:

- ET / ET' 35 Δ

17 yo with history of intermittent ET for 3-6 months

- 6/6 OU
- +1 doesn't cause distance blur OU
- +1.5 DSOU does cause distance blur OU
- Cyclo R +2, L +2.5

ET / ET' 25 Δ

37 yo with history of intermittent ET for 3-6 months

- 6/6 OU
- +1 doesn't cause distance blur OU
- +1.5 DSOU does cause distance blur OU
- Cyclo R +2, L +2.5

ET / ET' 25 Δ

SUMMARY

- ET by history only: think cyclic ET, measure fusional reserve.
- Any ET: push +
- Residual ET: push +
- Recurrent ET: push +
- Amblyopia may not need full+, ET does
- Convergence Xs ET: push distance +

SUMMARY

- After realignment: push +
- After max anti- accomm Rx [if won't tolerate=no Rx]: alignment surgery
- 2nd age peak for accomm ET: peri-presbyopic
- Teenage onset apparent accomm ET usually isn't