

WORKSHOP ON  
ACCOMMODATIVE  
ESOTROPIA

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# 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 $\Delta$

# 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 $\Delta$
- CR R +3, L +2.5
- Given CR to wear

1 month later:

- R 6/12, L 6/6
- R ET 10  $\Delta$ , R ET' 20  $\Delta$

# 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 $\Delta$
- CR R +3, L +2.5
- Given CR to wear

1 month later:

- ET / ET' =15  $\Delta$

# 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=0. ET' 15  $\Delta$

# 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 $\Delta$
- CR R +3, L +2.5.
- Given CR to wear.
- Persisting ET' : given +3DS add

1 month: EX / EX' =0.

3 months:

- ET 15  $\Delta$ .
- ET' upper seg 30  $\Delta$ , add 10  $\Delta$

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

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

## Age 7:

- $ET 15 \Delta$ .
- $ET'$  upper seg  $30 \Delta$ , add  $10 \Delta$

# 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 $\Delta$
- 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 $\Delta$
- CR R +3, L +2.5.
- Refuses to wear glasses

@ 6 months:

- ET / ET' 35  $\Delta$

# 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  $\Delta$

# 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  $\Delta$

# 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