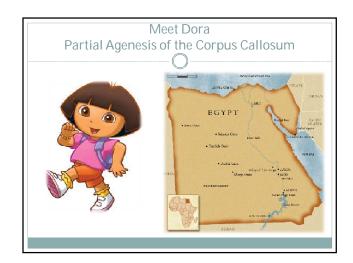




- General developmental milestone delays
- Poor motor coordination
- Seizures
- Hearing impairments
- Abnormal head and facial features
- Mental retardation

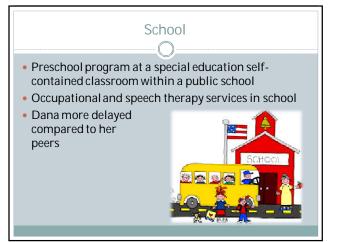


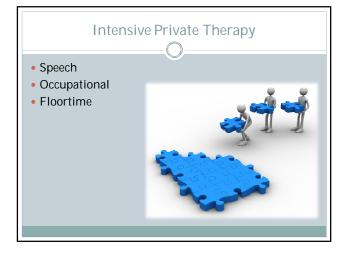


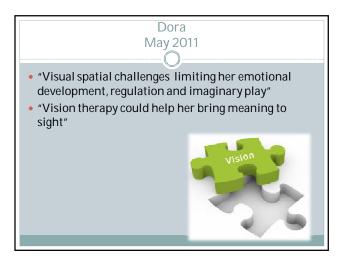


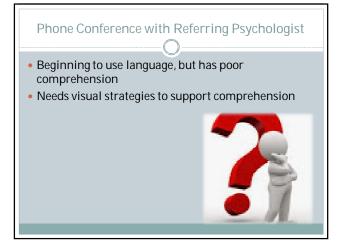












## Phone Conference with Referring Psychologist

- Overly dependent on what she is seeing and unable to visualize
- Aggressive-a symptom of her anxiety
  o Feels helpless →reacts



- Challenges in motor planning and severe dyspraxia
- Unable to cross midline
- Unable to perform any bilateral movements
- Severely under reactive to vestibular and proprioceptive input

### Phone Conference with Occupational Therapist

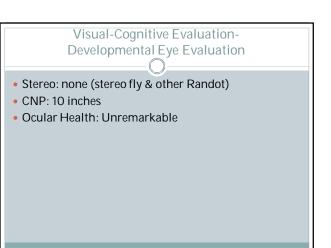
- Unable to imitate physical actions
- Often bumped into people and objects
- Difficulty locating objects in a busy visual environment
- Difficulty finding objects she recently dropped



# 5/4/11 Visual-Cognitive Evaluation-Developmental Eye Evaluation

#### • VA & CV: unreliable

- Retinoscopy: OD +0.75 SPH, OS +0.75 SPH
- Bell Retinoscopy: poor grasp and release of accommodation
- Ocular Motor: poor fixation and significant jerky eye movements and severe head and body movements
- Bruckner and corneal light reflex: no strabismus



## Reflex Evaluation

- Post-rotary nystagmus- no post-rotary nystagmus after horizontal spinning
- Head-Righting Reflex-not fully developed
- Dolls Head-inadequate fixation
- Moro-fully sustained
- Asymmetrical tonic neck-fully sustained
- Symmetrical tonic neck-fully sustained
- Spinal gallant-fully sustained
- Tonic Labyrinthine-fully sustained
- Parachute reflex-normal response

### General Movement Evaluation

- Balance-unable to balance on 1 foot for 3 seconds or longer
- 2 Foot Hop-unable to hop forward or backwards with 2 feet together-galloped instead
- Skipping- unable to skip. Ran/galloped instead
- Unable to catch a ball or balloon
- Unable to walk on a line on the floor or walk on a wide balance beam

## Visual Thinking

• Unable to identify colors or shapes

- Able to stack up to five blocks on their broad sides, and up to three blocks on their narrow side
- Unable to match basic block designs
- Able to match two pegboard designs
- Able to complete all six shapes on the Solid Formboard
- Able to complete one of the six shapes during the Split Formboard-Half

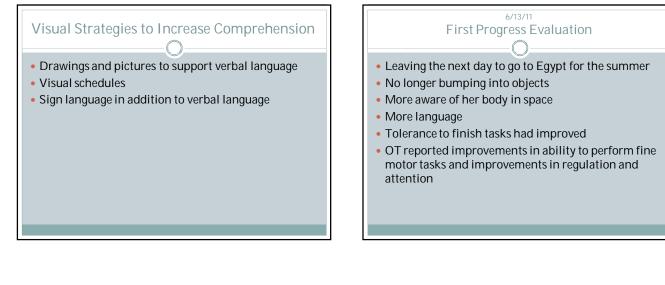
## Diagnosis

- P-ACC with associated developmental and cognitive delays
- Convergence insufficiency
- Ocular motor dysfunction
- Sustained primitive reflexes and poorly developed visual vestibular reflexes
- Delays in visual thinking

## Treatment

- No spectacle Rx was recommended.
- A program of vision therapy was started that focused on visual-vestibular stimulation, integration of the primitive reflexes sustained, fixation, pursuits, saccades, accommodation and fusion
- In-office vision therapy 3x/week



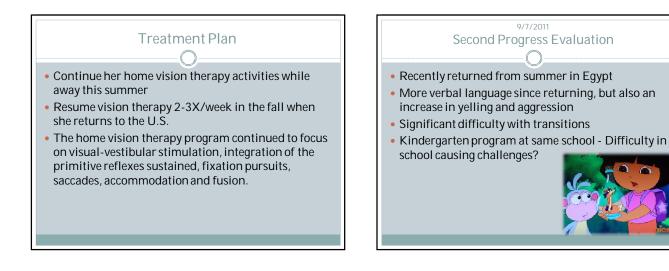


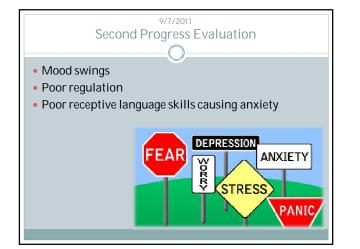
#### <sup>6/13/11</sup> First Progress Evaluation

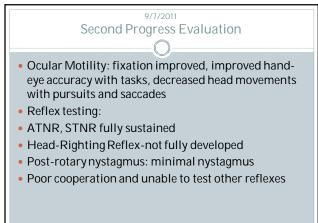
- Convergence Near Point: 5 inches
- Ocular Motility: improved fixation. Able to track vertically with minimal head movement. Significant head movement with horizontal movement.
- Spiral Vectogram-able to appreciate depth with minimal ranges
- Randot Stereo: able to appreciate 100 sec arc on Randot animals

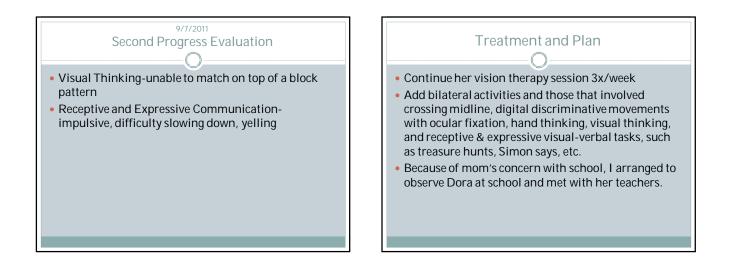
#### 6/13/11 First Progress Evaluation

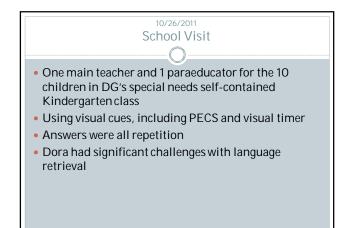
- Post-rotary nystagmus-mild nystagmus observed after spinning
- Head-Righting Reflex-not fully developed
- Dolls Head-saccadic intrusions
- Moro-fully sustained
- Asymmetrical tonic neck-fully sustained
- Symmetrical tonic neck-fully sustained
- Spinal gallant-fully sustained
- Tonic Labyrinthine-fully sustained



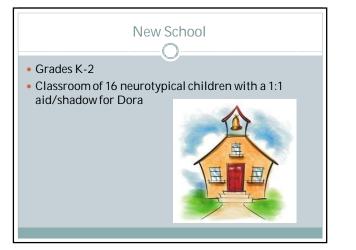


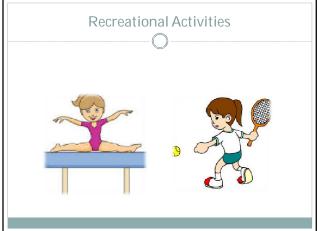


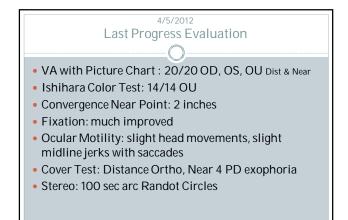


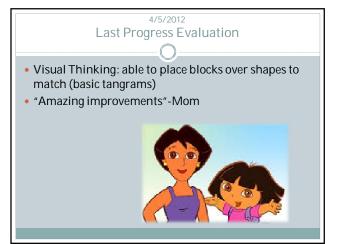




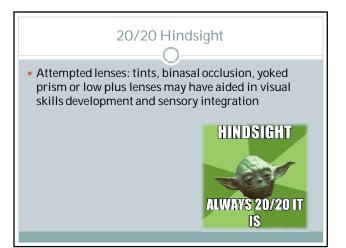












## Agenesis of the Corpus Callosum & Vision Therapy

- Part of my history with children with severe developmental delays
- o Genetic Testing
- Bilateral-giving them what they need
- Multidisciplinary support
- "Reading has really taken off"
- "A miracle for my son"

# Help from you • What have been your experiences? • What has helped or has been a barrier in treatment? • Resources