What is Lowe Syndrome?

Lowe Syndrome also known as Oculocerebrorenal Syndrome is a rare genetic disorder that affects the eyes, brain and kidneys. It has a prevalence of 1 in 500,000 and mainly affects males.

Signs and Symptoms

- Congenital cataracts
- eye abnormalities and eye disease
- glaucoma
- kidney abnormalities (Renal Fanconi Syndrome)
- dehydration
- abnormal acidic blood
- progressive kidney problems
- feeding problems
- bone abnormalities
- scoliosis
- weak or low muscle tone (hypotonia)
- joint problems
- developmental delays including motor skills
- short stature
- intellectual disability
- seizure
- behavioral issues

Children and adults diagnosed with children and adults may also show the following signs and symptoms due to an intellectual disability:

- decrease learning ability
- delays in crawling
- delays in sitting up
- difficulty solving problems
- lack of curiosity
- language and speech delays
- poor memory
- behavior problems

Teaching Strategies

The following strategies will help when teaching a child or an adult diagnosed with Lowe Syndrome:

- Use short and simple sentences to ensure understanding
- Repeat directions
- Teach specific skills when possible
- Use strategies such as chunking, backwards shaping, forward shaping and role modeling.
- Use concrete information
- Provide immediate feedback

Resources

National Organization for Rare Disorders
Genetics Home Reference
Dove Med
Wikipedia