Infant & Child Visual Development





It is important to ensure that a baby's eyes are healthy and developing properly.

The Canadian Association of Optometrists recommends that babies have their first eye exam between 6 and 9 months of age.

Find an optometrist near you by visiting our website www.optometrists.mb.ca and clicking on "Find an Optometrists"

OR Scan the QR code to go directly to our website



Birth to One Month

- Fixates on face and tracks with head and eyes
- Exhibits constricted pupils in bright light
- Observes movement in room
- Stare at light source
- Has eyes open when nursing and held upright
- Reacts most to black and white patterns

Two Months

The connection between the eyes and brain develop in the first 5 years of life and it's important to ensure are are healthy, eye and muscle movements and alignment are developing properly, and they eyes are focusing together. If a vision problem is detected early, it's more likely that it can be corrected.

Children's eye exams are covered by **Manitoba Health** for children under 19

- Looks directly at caregiver's eyes
- Watches lip movement
- Can follow a moving object with eyes
- Responds to primary colours
- Copies parent's mouth movements

Three to Six Months

- Watches own hand movementsAlternates gaze from one object to another
- Approaches mirror image, smiles
- Reaches for caregiver's face
- Tracks rolling ball
- Reaces for dangling toy
- Recognizes faces, bottle
- Turns head and moves eyes in direction of sounds
- Displays smooth-following eye movements in all directions

MB **DOCTORS OF OPTOMETRY** Manitoba Association of Optometrist Email: MAO@optometrists.mb.ca

Tel: (204) 943-9811 www.optometrists.mb.ca

Infant & Child Visual Development

Seven to Ten Months

- Looks at small objects
- Attends to scribbling or writing
- Looks at pictures in a book
- Exhibits furthur development of facial recognition
- Sustains observation of activities of people and animals

Twelve to Fifteen Months

- Tries to mimic scribbling
- Shows more interest in picture books

Fifteen to Eighteen Months

• Shows visual recognition of pictures

Eleven to Twelve Months

- Explores depths by looking into containers
- Recognizes familiar objects across the room
- Finds Objects hidden under another object
- Exhibits improved depth perception
- Follows rapidly moving objects

Eighteen to Twenty-four Months

- Exhibits well-established convergence (*convergence*: the coordinated turning of the eyes inward to focus on a nearby point)
- Points to objects in a book and distant interesting objects outdoors
- Turns pages
- Fixates on small things

Ensure your child isn't hindered in learning, play or how they see the world.

Make a comprehensive eye exam a regular part of your child's overall health care.



Two Years

- Points to body parts
- Shows well developed eye accommodation (*accomodation:* adaptation or adjustment in the lens of the eye to permit retinal focus of images of objects at different distances)
- Recognizes fine details in pictures

Three Years

- Copies geometric designs
- Makes a smooth convergence with eyes



Vision. Care.

MB DOCTORS OF OPTOMETRY

Manitoba Association of Optometrist Email: MAO@optometrists.mb.ca Tel: (204) 943-9811 www.optometrists.mb.ca