

Refractive Errors

Myopia

Nearsightedness: Ability to see objects clearly at close range but not at a distance

Pathophysiology

Results from eyeball that is too long, causing images to fall in front of the retina

Clinical Manifestations

Headaches

Dizziness

Excessive eye rubbing

Head tilt or forward head thrusts

Difficulty in reading or doing other close work

Clumsiness; walking into objects

Blinking more than usual or irritability when doing close work

Inability to see objects clearly

Poor school performance, especially in subjects that require demonstration, such as arithmetic

Treatment

Corrected with biconcave lenses that focus rays on retina

May be corrected with laser surgery

Hyperopia

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