

# Sensorineural Hearing Loss

- Ocular screening is recommended due to the frequent co-incidence of ocular disease
- Eye exam when first diagnosed and follow up as required.

## Ocular/Visual Screening Recommendations

- Complete Eye Exam
- Additional specialized testing based on findings

## Ocular Associations

- Anterior Segment Disease
  - Keratitis-ichthyosis-deafness syndrome
- Posterior Segment Disease
  - [Usher Syndrome](#)
  - Hereditary Optic Neuropathies
    - [Leber Hereditary Optic Neuropathy](#)
    - [Optic Atrophy](#)
    - [Wolfram Syndrome](#)
  - Norrie Disease
  - Stickler Syndrome
  - [Marfan Syndrome](#)
  - Heimler Syndrome
- Anterior and Posterior Segment Disease
  - Cogan Syndrome
  - Congenital Rubella
  - Alport Syndrome
  - Waardenburg Syndrome

## Resources

- [Zaheer HA et al. Ocular Manifestations in Patients with Sensorineural Hearing Loss. J Ophthalmic Vis Res 2002;17\(4\):551-573](#)
- [Principles and Guidelines for Early Hearing Detection and Intervention Programs. Joint Committee on Infant Hearing. 2019;4\(2\):1-44 see page 17 and 21](#)

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