Eye and Ocular Adnexa, Auditory Systems

CPT® copyright 2011 American Medical Association. All rights reserved.

Fee schedules, relative value units, conversion factors and/or related components are not assigned by the AMA, are not part of CPT®, and the AMA is not recommending their use. The AMA does not directly or indirectly practice medicine or dispense medical services. The AMA assumes no liability for data contained or not contained herein.

CPT® is a registered trademark of the American Medical Association.
Objectives

- Understand the components of the eye and of the ear
- Define key terms
- Understand the most common pathologies affecting these sense organs
- Understand eye surgeries and ear surgeries and how they relate to pathologies
- Recognize common eponyms and acronyms for these specialties
- Identify when other sections of CPT® or ICD-9-CM should be accessed
- Know when HCPCS Level II codes or modifiers are appropriate

Anatomy: Eye and Ocular Adnexa

- Eyeball
- Optic nerve
- Ophthalmology/ ophthalmologist
- Optometry/optometrist
- Ophthalmoscope
Anatomy: Eye and Ocular Adnexa

Eyeball – an inch (25mm) in diameter
• Sclera – white of the eye
• Cornea – transparent
• Pupil and Iris
• Choroid – vascular layer
• Retina – pigmented nerve layer
Optic nerve and Optic disc

Anatomy: Eye and Ocular Adnexa

• Iris – regulates light entering
• Pupil
• Vitreous humor – fills posterior segment
• Ciliary body – suspensory ligaments of lens
• Lens – changes shape
Anterior chamber
Anatomy: Eye and Ocular Adnexa

- Conjunctiva
  - pink eye
  - cul-de-sac
- Muscles
  - external

Anatomy: Eye and Ocular Adnexa

- Lacrimal gland
- Glaucoma
  - intraocular pressure
- Refraction
- 20/20
Anatomy: Ear and Auditory System

- Otolaryngology
- Otolaryngologists – ENTs
- Otoscope
- External ear
  - tragus
  - auricle or pinna

- Middle ear
  - Tympanic membrane
  - Ossicles – malleus, incus, stapes
  - Eustachian tube
- Oval window
Anatomy: Ear and Auditory System

Inner ear
• Labyrinth
• Membranous labyrinth – hair cells
• Vibrations into nerve impulse
• Cochlea, Vestibule, Semicircular canal
• Balance – utricle, saccule
• Oval window, round window

ICD-9-CM
• Alphabetic index ; Tabular List
• Disorders of the Eye and Adnexa (360-379)
• Diseases of the Ear and Mastoid Process (380-389)
• Table of Neoplasms
Eye and Ocular Adnexa

- Disorders of the globe (360)
- Retinal detachments and defects (361)
- Other retinal disorders (362)
- Diabetic retinopathy (362.0x)

Eye and Ocular Adnexa

- Glaucoma (365.xx)
  - intraocular pressure
  - congenital (743.2x)
  - angle – reflection of iris joins cornea
- Cataract (366.xx)
  - congenital (743.3x)
Eye and Ocular Adnexa

• Disorders of refraction and accommodation (367)
  - Myopia (367.1)
  - Astigmatism (367.2x)
• Visual disturbances (368)
  - Diplopia (368.2) “double vision”

Eye and Ocular Adnexa

• Blindness and low vision (369)
  - visual impairment
  - visual disability
  - visual handicap
• ICD-9-CM Defined Levels of Visual Impairment
  - Table
Eye and Ocular Adnexa

• Keratitis (370)
• Corneal opacity and other disorders of cornea (371)
• Disorders of conjunctiva (372)
• Inflammation of eyelids (373)
• Other disorders of eyelids (374)
  - Nystagmus

Ear and Mastoid Process

• Diseases of the Ear and Mastoid Process (380-389)
• Anatomy of ear
  - external
  - middle
  - internal
• Infectious disease
Ear and Mastoid Process

- Table of Neoplasms
  - acoustic neuroma, vestibular schwannoma (225.1)
- Injury and Poisoning chapter
- Disorders of external ear (380)
  - infective otitis externa (380.1x)
  - impacted cerumen (380.4)

Ear and Mastoid Process

- Nonsuppurative otitis media and Eustachian tube disorders (381)
  - acute (381.0x)
  - chronic (381.1x)
- Mastoiditis and related conditions (383)
Ear and Mastoid Process

• Other disorders of tympanic membrane (384)
  - Perf. of tympanic membrane (384.2x)
• Vertiginous syndromes and other disorders of vestibular system (386)
  - Vertigo
• Otosclerosis (387)
  - Tinnitus (388.3x)

Ear and Mastoid Process

• Hearing loss (389)
  - Conductive hearing loss (389.0x)
  - Sensorineural hearing loss (389.1x)
  - Mixed conductive and sensorineural hearing loss (389.2x)
CPT®: Eye and Ocular Adnexa

Eye and Ocular Adnexa (65091-68899)
- Laser Surgery
  - Laser is short for: light amplification stimulated emission of radiation
  - Carbon Dioxide
  - Nd:Yag
  - Argon

CPT®: Eye and Ocular Adnexa

- Eyeball (65091-65290)
  - Evisceration (65091, 65093)
  - Enucleatoin (65101-65105)
  - Exenteration (65110-65114)
- Secondary Implant(s) Procedures (65125-65175)
### CPT®: Eye and Ocular Adnexa

- **Removal of Foreign Body (65205-65265)**
- **Anterior Segment (65400-66999)**
  - Cornea (65400-65782)
    - Opaque and opacity
- **Removal or Destruction (65430-65600)**
- **Keratoplasty (65710-65757)**

### CPT®: Eye and Ocular Adnexa

**Anterior Chamber (65800-66030)**
- **Incision (65800-65880)**
- **Goniotomy (65820)**
- **Trabeculotomy ab externo (65850)**
  - Schlemm’s canal
- **Anterior Sclera (66130-66250)**
  - Excision of lesion, sclera (66130)
CPT®: Eye and Ocular Adnexa

- Iris, Ciliary body (66500-66770)
- Iriditiomy (66761-66770)
- Lens (66820-66940)
  - cataracts
- Intraocular Lens Procedures (66982-66986)

CPT®: Eye and Ocular Adnexa

Posterior Segment (67005-67999)
- Vitreous (67005-67043)
- Implantation of intravitreal drug delivery system (67027)
- Retina or Choroid (67101-67229)
- Posterior Sclera (67250-67225)
CPT®: Eye and Ocular Adnexa

- Ocular Adnexa (67229-67999)
  - strabismus
    - horizontal (67311-67312)
    - vertical (67314-67316)
    - transposition (67320)
- Orbit (67400-67599)

CPT®: Eye and Ocular Adnexa

Eyelids (67700-67999)
  - Hordeolum externum
  - Excision of chalazion; single (67800)
  - Repair of brow ptosis (67900)
  - Blepharoptosis (67901-67908)
CPT®: Eye and Ocular Adnexa

- Conjunctiva (68020-68899)
  - conjunctivoplasty
- Lacrimal System (68400-68899)
- Excision of lacrimal sac (68520) (dacryocystectomy)

CPT®: Eye and Ocular Adnexa
Medicine section

Ophthalmology (92002-92499)
- General Ophthalmology Services (92002-92014)
- Special Ophthalmological Services
- Contact Lens Services
- Spectacle Services (Including Prosthesis for Aphakia)
CPT®: Eye and Ocular Adnexa
Medicine section

• Special Ophthalmological Services (92015-92140)
• Determination of refractive state (92015)
• Ophthalmoscopy (92225-92260)
  -direct
  -indirect

CPT®: Eye and Ocular Adnexa
Medicine section

• Contact Lens Services (92310-92326)

• Spectacle Services (Including Prosthesis for Aphakia) (92340-92371)
  -aphakia (92353-92358)
### CPT®: Auditory System

**Auditory System (69000-69979)**

- Removal foreign body from external auditory canal (69200-69205)
  - both ears (69210)

### CPT®: Auditory System

**Middle Ear (69400-69799)**

- Tympanostomy (69433-69436)
- Mastoidectomy; complete (69502)
  - modified radical (69505)
  - radical (69511)
- Tympanoplasty (69635-69646)
CPT®: Auditory System

Inner Ear (69801-69949)
- Labyrinthectomy (69905)
- Temporal Bone, Middle Fossa Approach (69950-69979)
- Microsurgery

CPT®: Auditory System Medicine Section

- Special Otorhinolaryngologic Services (92502-92700)
- Otolaryngologic examination under general anesthesia (92502)
- Vestibular Function Tests (92531-92548)
- Audiologic Function Tests with Medical Diagnostic Evaluation (92559-92597)
CPT®: Auditory System Medicine Section

• Evaluative and Therapeutic Services (92601-92633)
• Cochlear implants

HCPCS and Modifiers

HCPCS Level II
- injectible or implantable drug
- prostheses, visual aids, contact lenses, glasses and hearing aids

Modifiers
- 50 Bilateral procedure
- RT, LT
The End