



EYE, EAR, NOSE, THROAT OR MOUTH INFECTION (EENT)

CONJ – Conjunctivitis

DEFINITION: Conjunctivitis must meet at least **ONE** ☐ of the following criteria:

☐ Criterion 1: (Last updated June, 2008)

- Patient has pathogens cultured from purulent exudate obtained from **ONE** ☐ of the following:

- ☐ conjunctiva

- ☐ contiguous tissues, such as **ONE** ☐ of the following:

- ☐ eyelid

- ☐ cornea

- ☐ meibomian glands

- ☐ lacrimal glands

☐ Criterion 2: (Last updated June, 2008)

- Patient has **ONE** ☐ of the following:

- ☐ pain in **ONE** ☐ of the following places:

- ☐ conjunctiva

- ☐ around eye

- ☐ redness in **ONE** ☐ of the following places:

- ☐ conjunctiva

- ☐ around eye

AND

- Patient has at least **ONE** ☐ of the following:

- ☐ has **BOTH** ☐ of the following:

- ☐ WBCs seen on Gram's stain of exudate

- ☐ organisms seen on Gram's stain of exudate

- ☐ purulent exudate

- ☐ positive antigen test (e.g. ELISA or IF for *Chlamydia trachomatis*, herpes simplex virus, adenovirus) on **ONE** ☐ of the following:

- ☐ conjunctival exudate

- ☐ conjunctival scraping

- ☐ multinucleated giant cells seen on microscopic examination of **ONE** ☐ of the following:

- ☐ conjunctival exudate

- ☐ conjunctival scraping

- ☐ positive viral culture



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△ choose **ONE** □ of the following:

- diagnostic single antibody titer (IgM)
- 4-fold increase in paired sera (IgG) for pathogen

REPORTING INSTRUCTIONS: *(Last updated June, 2008)*

- Report other infections of the eye as EYE.
- Do not report chemical conjunctivitis caused by silver nitrate (AgNO₃) as a health care–associated infection.
- Do *not* report conjunctivitis that occurs as a part of a more widely disseminated viral illness (such as measles, chickenpox, or a URI)

EYE – Eye, Other Than Conjunctivitis

DEFINITION: An infection of the eye, other than conjunctivitis, must meet at least **ONE** □ of the following criteria:

□ Criterion 1: *(Last updated June, 2008)*

○ Patient has organisms cultured from **ONE** △ of the following:

- △ anterior chamber
- △ posterior chamber
- △ vitreous fluid

□ Criterion 2: *(Last updated June, 2008)*

○ Patient has at least **TWO** △ of the following signs or symptoms with no other recognized cause:

- △ eye pain
- △ visual disturbance
- △ hypopyon

AND

○ Patient has at least **ONE** △ of the following:

- △ physician diagnosis of an eye infection
- △ positive antigen test on blood (e.g., *H. influenzae*, *S. pneumoniae*)
- △ organisms cultured from blood



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EAR – Ear Mastoid

DEFINITION: Ear and mastoid infections must meet at least **ONE** of the following criteria:

☐ Otitis externa must meet at least **ONE** ☐ of the following criteria:

☐ **Criterion 1:** *(Last updated June, 2008)*

- Patient has pathogens cultured from purulent drainage from ear canal.

☐ **Criterion 2:** *(Last updated June, 2008)*

- Patient has at least **ONE** ☐ of the following signs or symptoms with no other recognized cause:

- ☐ fever ($>38^{\circ}\text{C}$)

- ☐ pain

- ☐ redness

- ☐ drainage from ear canal

AND

- Patient has organisms seen on Gram stain of purulent drainage

☐ Otitis media must meet at least **ONE** ☐ of the following criteria:

☐ **Criterion 1:** *(Last updated June, 2008)*

- Patient has organisms cultured from fluid from middle ear obtained by **ONE** ☐ of the following:

- ☐ tympanocentesis

- ☐ surgical operation

☐ **Criterion 2:** *(Last updated June, 2008)*

- Patient has at least **TWO** ☐ of the following signs or symptoms with no other recognized cause:

- ☐ fever ($>38^{\circ}\text{C}$)

- ☐ pain in the eardrum

- ☐ inflammation

- ☐ retraction or decreased mobility of eardrum

- ☐ fluid behind eardrum



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☐ Otitis interna must meet at least **ONE** ☐ of the following criteria:

☐ **Criterion 1:** *(Last updated June, 2008)*

- ☐ Patient has organisms cultured from fluid from inner ear obtained at surgical operation.

☐ **Criterion 2:** *(Last updated June, 2008)*

- ☐ Patient has a physician diagnosis of inner ear infection.

☐ Mastoiditis must meet at least **ONE** ☐ of the following criteria:

☐ **Criterion 1:** *(Last updated June, 2008)*

- ☐ Patient has organisms cultured from purulent drainage from mastoid

☐ **Criterion 2:** *(Last updated June, 2008)*

- ☐ Patient has at least **TWO** ☐ of the following signs or symptoms with no other recognized cause:

- ☐ fever ($>38^{\circ}\text{C}$)

- ☐ pain

- ☐ tenderness

- ☐ erythema

- ☐ headache

- ☐ facial paralysis

AND

- ☐ Patient has at least **ONE** ☐ of the following:

- ☐ organisms seen on Gram stain of purulent material from mastoid

- ☐ positive antigen test on blood

ORAL – Oral Cavity (Mouth, Tongue, or Gums)

DEFINITION: Oral cavity infections must meet at least **ONE** ☐ of the following criteria:

☐ **Criterion 1:** *(Last updated June, 2008)*

- ☐ Patient has organisms cultured from purulent material from tissues of oral cavity



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□ Criterion 2: *(Last updated June, 2008)*

- Patient has **ONE** **△** of the following:

- △** abscess seen during **ONE** **□** of the following:

- direct examination
 - surgical operation
 - histopathologic examination

- △** other evidence of oral cavity infection seen during **ONE** **□** of the following:

- direct examination
 - surgical operation
 - histopathologic examination

□ Criterion 3: *(Last updated June, 2008)*

- Patient has at least **ONE** **△** of the following signs or symptoms with no other recognized cause:

- △** abscess
 - △** ulceration
 - △** raised white patches on inflamed mucosa
 - △** plaques on oral mucosa

AND

- Patient has at least **ONE** **△** of the following:

- △** organisms seen on Gram's stain
 - △** positive KOH (potassium hydroxide) stain
 - △** multinucleated giant cells seen on microscopic examination of mucosal scrapings
 - △** positive antigen test on oral secretions
 - △** choose **ONE** **□** of the following:
 - diagnostic single antibody titer (IgM)
 - 4-fold increase in paired sera (IgG) for pathogen.
 - △** physician diagnosis of infection and treatment with topical or oral antifungal therapy.

REPORTING INSTRUCTIONS: *(Last updated June, 2008)*

- Report health care–associated primary herpes simplex infections of the oral cavity as ORAL; recurrent herpes infections are *not* health care–associated



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SINU – Sinusitis

DEFINITION: Sinusitis must meet at least **ONE** ☐ of the following criteria:

☐ **Criterion 1:** (Last updated June, 2008)

- Patient has organisms cultured from purulent material obtained from sinus cavity

☐ **Criterion 2:** (Last updated June, 2008)

- Patient has at least **ONE** ☐ of the following signs or symptoms with no other recognized cause:

- ☐ fever ($>38^{\circ}\text{C}$)
- ☐ pain or tenderness over the involved sinus
- ☐ headache
- ☐ purulent exudate
- ☐ nasal obstruction

AND

- Patient has at least **ONE** ☐ of the following:
 - ☐ positive transillumination
 - ☐ positive radiographic examination (including CT scan)

UR – Upper Respiratory Tract, Pharyngitis, Laryngitis, Epiglottitis

DEFINITION: Upper respiratory tract infections must meet at least **ONE** ☐ of the following criteria:

☐ **Criterion 1:** (Last updated June, 2008)

- Patient has at least **TWO** ☐ of the following signs or symptoms with no other recognized cause:

- ☐ fever ($>38^{\circ}\text{C}$)
- ☐ erythema of pharynx
- ☐ sore throat
- ☐ cough
- ☐ hoarseness
- ☐ purulent exudate in throat

AND

- Patient has at least **ONE** ☐ of the following:
 - ☐ organisms cultured from the specific site
 - ☐ organisms cultured from blood

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- △ positive antigen test on **ONE** □ of the following:
 - blood
 - respiratory secretions
- △ choose **ONE** □ of the following:
 - diagnostic single antibody titer (IgM)
 - 4-fold increase in paired sera (IgG) for pathogen
- △ physician diagnosis of an upper respiratory infection.

□ Criterion 2: *(Last updated June, 2008)*

- Patient has an abscess seen on **ONE** △ of the following:
 - △ direct examination
 - △ during a surgical operation
 - △ during a histopathologic examination

□ Criterion 3: *(Last updated June, 2008)*

- Patient ≤1 year of age has at least **TWO** △ of the following signs or symptoms with no other recognized cause:
 - △ fever (>38°C rectal)
 - △ hypothermia (<37°C rectal)
 - △ apnea
 - △ bradycardia
 - △ nasal discharge
 - △ purulent exudate in throat
- AND**
- Patient has at least **ONE** △ of the following:
 - △ organisms cultured from the specific site
 - △ organisms cultured from blood
 - △ positive antigen test on **ONE** □ of the following:
 - blood
 - respiratory secretions
 - △ choose **ONE** □ of the following:
 - diagnostic single antibody titer (IgM)
 - 4-fold increase in paired sera (IgG) for pathogen
 - △ physician diagnosis of an upper respiratory infection