

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 January 1, 2013)*

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

- ☐ 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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HAI Surveillance Definitions



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

△ choose **ONE** □ of the following:

- diagnostic single antibody titer (IgM) for pathogen
- 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)

EAR – Ear Mastoid Infection

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 January 1, 2013)*

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

- △ fever (>38°C)
- △ pain*
- △ redness*
- △ drainage from ear canal*

AND








- Patient has organisms seen on Gram's stain of purulent drainage

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

□ **Criterion 1:** *(Last updated January 1, 2013)*

- Patient has organisms cultured from fluid from middle ear obtained by **ONE** △ of the following:
 - △ tympanocentesis
 - △ invasive procedure

EYE, EAR, NOSE, THROAT OR MOUTH INFECTION (EENT)**□ Criterion 2:** *(Last updated January 1, 2013)*

- 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 of eardrum*
 -  decreased mobility of eardrum*
 -  fluid behind eardrum*

□ Otitis interna must meet at least **ONE □ of the following criteria:****□ Criterion 1:** *(Last updated January 1, 2013)*

- Patient has organisms cultured from fluid from inner ear obtained at invasive procedure








□ 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 January 1, 2013)*

- 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's stain of purulent material from mastoid
 -  positive laboratory test on blood



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EYE – Eye Infection, 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 January 1, 2013)*

- 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 laboratory test on blood (e.g., antigen tests for *H. influenzae*, *S. pneumoniae*)
- ☐ organisms cultured from blood

ORAL – Oral Cavity Infection (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

☐ Criterion 2: *(Last updated January 1, 2013)*

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

- ☐ abscess seen during **ONE** ☐ of the following:
 - ☐ direct examination
 - ☐ invasive procedure
 - ☐ histopathologic examination



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HEALTHCARE-ASSOCIATED INFECTIONS AND ANTIMICROBIAL RESISTANCE PROGRAM
HAI Surveillance Definitions



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

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

- direct examination
- invasive procedure
- histopathologic examination

□ Criterion 3: *(Last updated January 1, 2013)*

- 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:

- △ positive laboratory test (e.g., Gram's stain, KOH stain, mucosal scrapings with multinucleated giant cells, antigen test on oral secretions, antibody titers) on **ONE** □ of the following:
 - mucosal scrapings
 - oral secretions
 - blood
- △ **BOTH** □ of the following:
 - physician diagnosis of infection
 - treatment with appropriate 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.

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 January 1, 2013)*

- Patient has at least **ONE** △ of the following signs or symptoms: (** with no other recognized cause*)
 - △ fever (>38°C)



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HAI Surveillance Definitions



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

- △ pain or tenderness over the involved sinus*
- △ headache*
- △ purulent exudate*
- △ nasal obstruction*

AND

- Patient has at least **ONE** △ of the following:
 - △ positive transillumination
 - △ positive imaging test

UR – Upper Respiratory Tract Infection, Pharyngitis, Laryngitis, Epiglottitis

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

□ Criterion 1: *(Last updated January 1, 2013)*

- Patient has at least **TWO** △ of the following signs or symptoms: *(* with no other recognized cause)*
 - △ fever (>38°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
 - △ positive laboratory test on **ONE** □ of the following:
 - blood
 - respiratory secretions
 - △ choose **ONE** □ of the following:
 - diagnostic single antibody titer (IgM) for pathogen
 - 4-fold increase in paired sera (IgG) for pathogen
 - △ physician diagnosis of an upper respiratory infection



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

Criterion 2: (Last updated January 1, 2013)

- Patient has an abscess seen on **ONE** ☐ of the following:
 - ☐ direct examination
 - ☐ during an invasive procedure
 - ☐ during a histopathologic examination

Criterion 3: (Last updated January 1, 2013)

- Patient ≤ 1 year of age has at least **TWO** ☐ of the following signs or symptoms: (* **with no other recognized cause**)
 - ☐ fever ($>38^{\circ}\text{C}$ core)
 - ☐ hypothermia ($<37^{\circ}\text{C}$ core)
 - ☐ 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 laboratory test on **ONE** ☐ of the following:
 - ☐ blood
 - ☐ respiratory secretions
 - ☐ choose **ONE** ☐ of the following:
 - ☐ diagnostic single antibody titer (IgM) for pathogen
 - ☐ 4-fold increase in paired sera (IgG) for pathogen
 - ☐ physician diagnosis of an upper respiratory infection