

LOGO

Judicious use of antimicrobial therapy in the outpatient setting



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CASE APPROACH 1

LOGO

A 6-month-old male infant present with 2-day history of fever, cough and running nose.

4-hrs PTA: purulent discharge from Rt. Ear

The child is otherwise healthy.

CASE APPROACH 1

LOGO

PE: BT 38.4 °C, BW 9 kgs.

Rt. EAC: Purulent discharge

Rt. TM: Mucopus obscured

AR: Mucoid discharge

Dx: Acute suppurative otitis media

Px: Cefdinir syrup 2.5 ml bid

Paracetamol syrup

Pseudoephedrine syrup

ท่านจะให้ยาปฏิชีวนะในผู้ป่วยรายนี้หรือไม่

LOGO

ก. ให้แน่นอน

ข. ไม่ให้ยาปฏิชีวนะ

ค. ไม่ทราบ

AOM Pathogens

LOGO

- **Virus** 5-22% in MEE without bacteria
- 16-25% no bacteria or virus can be detected in MEE
- **Bacteria**
 - ***S. pneumoniae*** 25-50% (PRSP 30%)
spontaneous cure rate 20%
 - ***H. influenzae*** 15-30% (50% BL)
spontaneous cure rate 50%
 - ***M. catarrhalis*** 3-20% (100% BL)
spontaneous cure rate 70-80%

Klein JO. Pediatr Infect Dis J 1998;17:774-5.