

# **ID QUIZ II: INFECTION CONTROL**

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## **A Thai boy 1 month 21 days old, no U/D**

**March 27:** cough

**April 5:** cough, dyspnea and cyanosis → admitted  
treat as pneumonia

**April 22:** clinical improved, D/C

**After birth, one of visitor who had cough  
close contact with patient**

**8 person in family; 5 adults, 3 children  
(all received routine vaccination )**

**April 23: NPS positive for *B. pertussis* by RT-PCR**

**Q: How long should you monitor symptoms for close contact of this case ?**

**A. 5 day**

**B. 1 wk**

**C. 2 wks**

**D. 3 wks**

**Q: Who should receive postexposure prophylaxis in this family?**

- A. Children who receive incompletd vaccination**
- B. Adult who receive incompletd vaccination**
- C. All children regardless of immune status**
- D. All family member regardless of immune status**

# Care of Household Contacts

- Close contacts should have **pertussis immunization** according to schedule
- **Chemoprophylaxis** is recommended for
  - **All household contacts** and close contacts, regardless of age and immunization status
  - Chemoprophylaxis may limit 2<sup>o</sup> transmission if given within 21 d of onset of cough in the index case
  - Chemoprophylaxis is the same as treatment
- **Monitor** closely for respiratory symptoms for **21 days** after last contact with the infected person  
( Incubation : 7-10 days, range 5 -21 days)
- Close contacts with cough should be **evaluated and treated for pertussis** when appropriate