



Deficiency Syndromes in Iran

Dr. Abdolvahab Alborzi



Azithromycin deficiency

- *Sign and Symptoms*
 - *Fever*
 - *Cough*
 - *Nose running*
 - *Wheezing*
 - *Congested throat*

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Sign of Azithromycin deficiency

- Majority of URI are due to self limiting viral infection

Rarely need antibiotics



URI Occasionally May be Bacterial Infection

- Sore throat + 2 of the following signs exclude bacterial infection:
 - Cough
 - Sneezing
 - Hoarseness
 - Conjunctivitis
 - Nose running

Sign of Dexamethasone deficiency Syndrome

- Fever
- Sore throat
- cough
- Nose running
- Nasal stiffness

Sign of Metranidazol deficiency Syndrome

- Diarrhea
- Abdominal Pain
- Vomiting

Sign of Antibiotic deficiency after 2 weeks
otitis media treatment

Sign of X Ray Deficiency

Sign of X ray deficiency

- Imaging are not necessary to confirm a diagnosis in clinical sinusitis in children ≤ 6 yrs.
- >6 years is controversial.
- Sinus & allergy health partnership dose not recommend either radiography or CT or MRI to diagnosis uncomplicated sinusitis.
- Images can serve only a supportive of the diagnosis in any age groups.
 - 100% young children who had URI the previous 2 weeks demonstrated of soft tissue changes in their sinus.

Sign of X Ray Deficiency

- Radiography:
 - 76% sensitivity, 79% specificity.
- CT-scan:
 - Can not differentiate viral from bacterial.
 - High frequency of abnormal scan in asymptomatic persons.
 - Should be reserved for patient who present be dramatic symptoms of sever
- Maxillary pain, facial swelling, fever, patients who have not respond to antibiotic therapy.
- Computed tomography is gold standard

Deficiency of Culture

- Nasal Culture
 - Nose running

Cervical Lymph Node Dissection Syndromes

Cervical lymph node dissection syndromes



- Cervical lymphadenopathy 80 – 100% is a benign process .
- Watch full waiting in a valid clinical approach.
 - Tenderness
 - Bilateral lymphadenopathy
 - Size < 3 cm
 - Fluctuating node size

The above items are sign of reactive process and did not require further treatment

Cervical lymph node dissection syndromes



- Persisting more than 2 weeks consider the following:
 - Serology , EBV, CMV, HIV, Toxo, Cat scratch,
 - TB skin test
 - Chest X Ray
 - CT
 - excisional biopsy

Tonsillectomy