




## Case 1

A 10-year-old girl with a sudden onset of fever (39.2), a sore throat, cough (-).




\* enlarged, red, swollen and inflamed tonsils with exudates

\* painful cervical lymphadenopathy



## Case 2


A 30-year-old man with a blocked nose has a sore throat and a mild headache. He he has got a non-productive cough. The fever is low-grade.

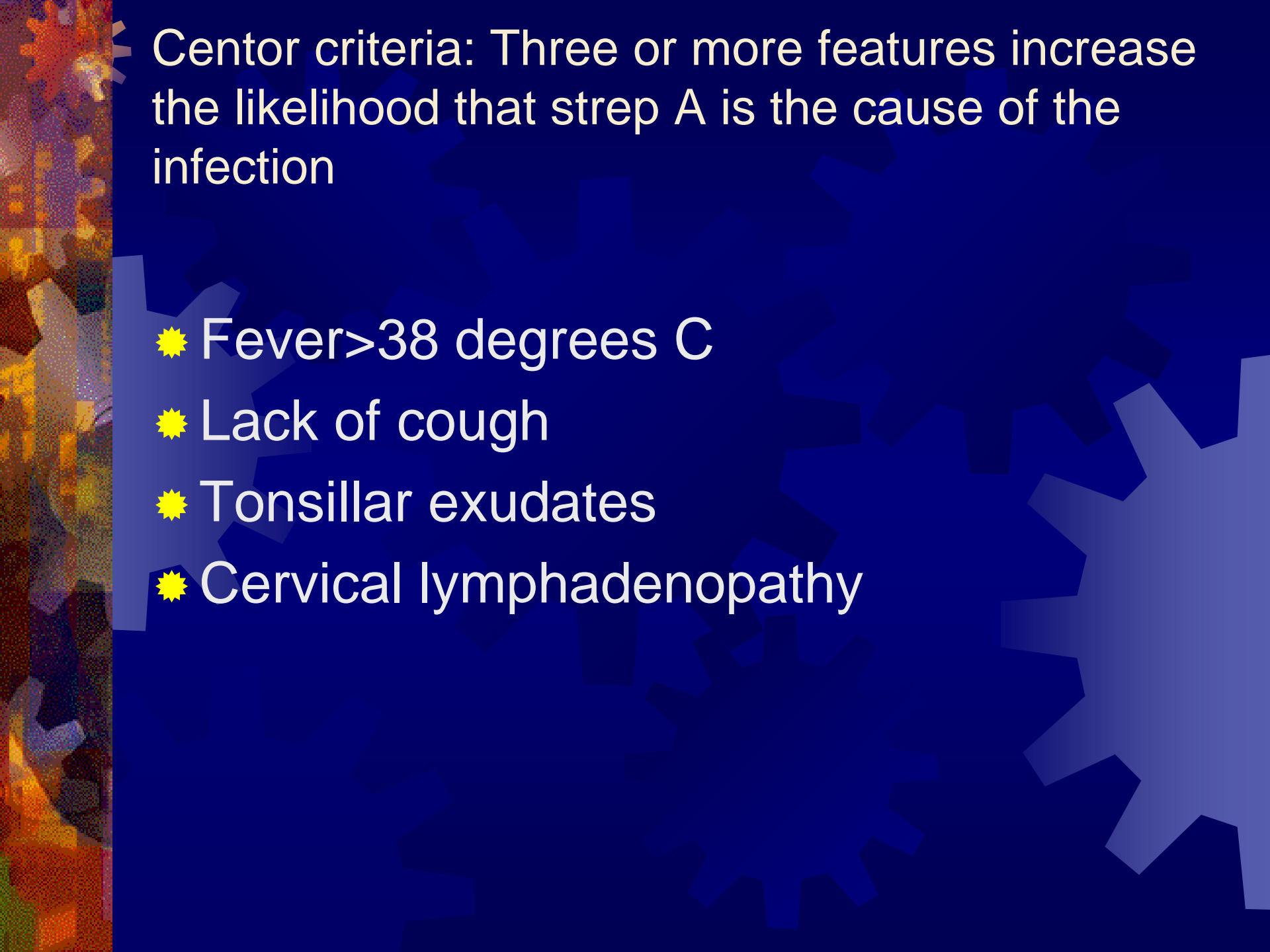
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- \* oedematous and erythematous pharyngeal mucosae
  - \* clear nasal discharge
  - \* lack of cervical lymphadenopathy

The background is a dark blue field filled with various sizes of gear shapes in shades of blue and grey. On the left side, there is a vertical strip with a colorful, abstract, and textured appearance, possibly representing a microscopic view or a complex system.

### Case 3

A 17-year-old schoolboy presents with a severe sore throat with a mild headache and malaise. He also has a widespread maculopapular rash following amoxicillin intake.

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- \* marked tonsillar swelling and exudates
  - \* widespread lymphadenopathy
  - \* enlarged spleen



Centor criteria: Three or more features increase the likelihood that strep A is the cause of the infection

- ✱ Fever > 38 degrees C
- ✱ Lack of cough
- ✱ Tonsillar exudates
- ✱ Cervical lymphadenopathy

# Treatment – bacterial tonsillitis

\* drug therapy: antibiotics

the first choice is penicillin V at a dose of 25-50 mg/kg/day or amoxicillin at a dose of 50 mg/kg/day for 7-10 days

the second choice is amoxicillin with clavulanic acid or clindamicin

allergy to penicillin macrolides like: clarithromycin, azithromycin, spiramycin





## Treatment of viral infection

- \* The common cold is a self limiting disease
- \* Treatment is symptomatic
- \* (OTC)



# Treatment of mononucleosis

- \* Mononucleosis is also a self limiting disease
- \* Treatment is symptomatic.