



Cat scratch disease



SYNONYMS AND ETIOLOGY

Synonyms

- Cat scratch disease
- Trench fever
- Carrion's disease

Etiology

- Caused by *Bartonella henselae*
- Caused by *Bartonella quintana*
- Caused by *Bartonella bacilliformis*

History

- 1991: CSD bacillus named *Afipia felis*
- 1992: *Rochalimaea henselae* isolated
 - Patients with bacillary angiomatosis
 - Refuted role of *A. felis* in CSD
- 1993: Genera *Rochalimaea* and *Bartonella* united
 - *B. henselae* currently recognized as causative agent of CSD

TRANSMISSION

*transmitted by cat scratches and bites, or exposure to cat saliva.



Symptoms

- Bump ([papule](#)) or blister ([pustule](#)) at site of injury (usually the first sign occurs 3-10 days after infected)
- Fatigue
- Fever (in some patients)
- Headache
- Lymph node swelling near the scratch or bite (occurs 1 to 4 weeks after infected)
- Overall discomfort ([malaise](#))

Less common symptoms:

- Draining lymph nodes'
- [Enlarged spleen](#)
- [Loss of appetite](#)
- Sore throat
- Weight loss



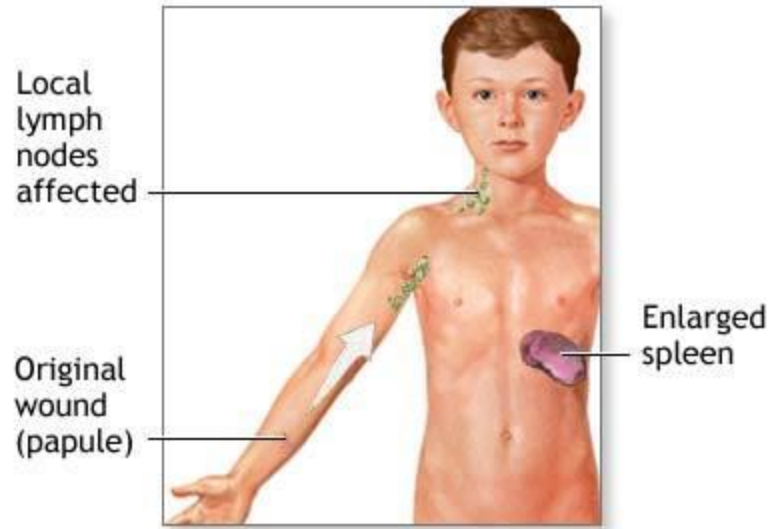
Armpit lumps
caused by
swollen lymph
nodes

ADAM.



Layers it affects

* Inoculation lesion occurs blister or bump that grows outwards from the dermis. Also affects the lymph nodes and makes them swell near where the wound is (Stratified Columnar).



In some cases weaker immune systems and those with AIDS. In the younger children symptoms can be Causing bigger bumps, lymph nodes to swell bigger sometimes bumps can appear on eyes (Parinaud oculoglandular syndrome). Inflammation of the brain can occur seizures.



PREVENTION



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- Avoid rough play with cats, particularly strays
And kittens, to prevent scratches.
 - * Wash hands promptly after handling cats.
 - * Keep cats indoors and away from stray cats.
 - * Immunocompromised individuals should avoid owning cats less than one year of age.
 - * Clip nails

TREATMENT

- Azithromycine
- In adult - 500mg on 1 day
- Ibuprofen- 5-7ml /kg body wt.

