

Anaphylaxis

Et tu Brute?

Roselynn Gentles MD

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- <https://youtu.be/SdDPoFcBZEY>

Definition



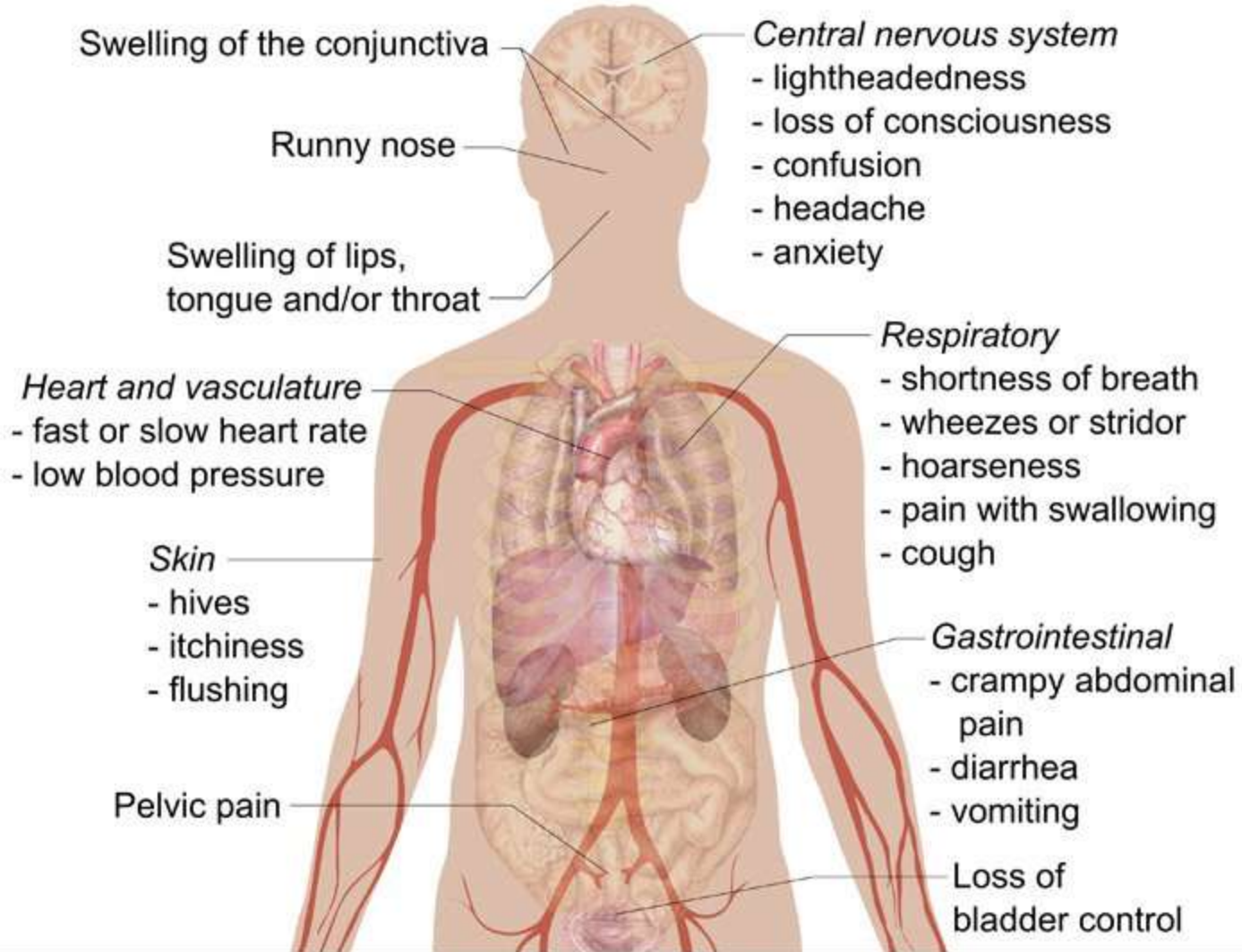
-Allergy

Anaphylaxis



-Anaphylactic shock

Signs and symptoms of Anaphylaxis



The forgotten symptom



https://www.stockunlimited.com/vector-illustration/boy-vomiting_1956701.html

<https://www.dogsnaturallymagazine.com/is-your-dog-vomiting-heres-how-to-manage-it/>

Triggers



Less common triggers



<https://www.treehugger.com/animals/do-insects-have-consciousness.html>
<https://blogs.plos.org/publichealth/2014/11/05/red-meat/>

<https://www.usatoday.com/story/news/nation-now/2018/06/28/cdc-report-only-23-americans-get-enough-exercise/741433002/>
https://www.savage-wear.com/en/gents/latex-tops/sleeveless/321-sparta-latex-top.html#/size-m/color_1-normal_black_o_35mm/color_2-normal_dark_cherry_red_o_35mm/color_3-pearlsheer
<https://www.medicaldaily.com/sperm-count-test-guys-should-avoid-these-6-things-are-destroying-their-sperm-286504>
<https://www.usatoday.com/story/news/nation-now/2017/06/21/lone-star-tick-bites-can-cause-rare-meat-allergy-some-people/415809001/>

Treatment



<http://www.emsstuff.com/epinephrine-img-vial-anaphylaxis/>
<http://www.lifemedafety.com/certa-dose-epinephrine-convenience-kit/>

<https://www.britannica.com/science/epinephrine/media/190049/232382>
<https://www.wric.com/news/fda-epinephrine-in-short-supply/1093644296>

Epi video


- <https://www.facebook.com/wildmedadventures/videos/642598582860756/>

Rebound



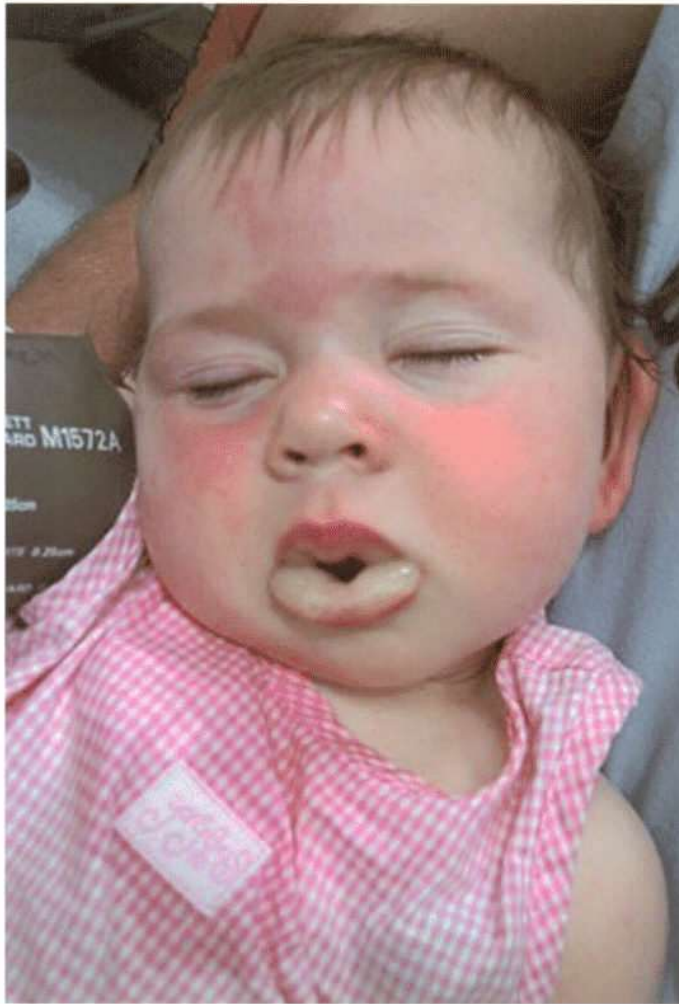
Cases

- 5 month old presents to ED via POV with mom screaming in lobby about baby choking
- Infant limp, struggling to breathe, flushed face and cold arms
- Quick look shows no FB
- Calmed mom down enough to hear child had been fine before being out of sight for a minute with toddler sibling. Mom assumed toddler had given baby something when she found him choking. Had already tried to remove any FB

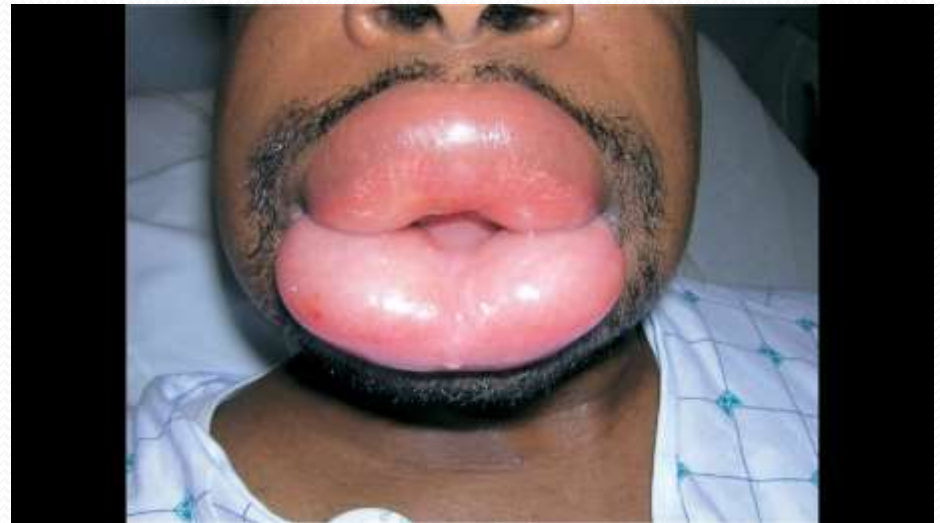
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- No FB visualized...look with Miller???
 - Abrupt onset
 - Red face
 - Cold arms
 - Airway distress

Infant Anaphylaxis

- Had presented to UC last month with a brief rash/vomiting episode
- Given epinephrine, immediate response, started crying and peripheral pulses returned within minutes



Mimics



https://www.google.com/search?q=angioedema&rlz=1C1GGRV_enUS8o8US817&source=lnms&tbm=isch&sa=X&ved=oahUKEwj3hp6fgAhUIvZ4KHZmXAzEQ_AUIDigB&biw=1920&bih=938#imgrc=aITKgywxqfEkFM:

https://www.google.com/search?q=angioedema&rlz=1C1GGRV_enUS8o8US817&source=lnms&tbm=isch&sa=X&ved=oahUKEwj3hp6fgAhUIvZ4KHZmXAzEQ_AUIDigB&biw=1920&bih=938#imgrc=B7kdK9v2QZSB8M:

References

- A dosanjh, Infant anaphylaxis: the importance of early recognition. *J Asthma Allergy* 2013;6:103-107
- Gentles, Mellick, Disease Presentations of the Uvula, AHC Relias Media, 2013
- Kalambay, J et al. Pathogenesis of Drug Induced Non-allergic Angioedema: A Review of Unusual Etiologies. *Cureus* 9(8) e1598DOI10.7759
- Grunau BE et al. Incidence of Clinically Important Biphasic Reactions in Emergency Department Patients With Allergic Reactions or Anaphylaxis. *Ann Emerg Med.* 2013 Nov 13. pii: S0196-0644(13)01536-9.
- Lieberman PL. Recognition and first line treatment of anaphylaxis. *Am J Med.* 2014 Jan; 127 (1 Suppl): S6-11
- Mason, Pensa. Exercise Induced Asthma, EMRAP October 2018