



**Any other questions?**

- **Any other infections? Diarrhea/GI infections? Skin infections? Fungal infections (thrush, significant diaper rash)?**

- Mom reports none. These may suggest other concerns for defects in innate immunity or phagocytic immune response

- Any history of freezing or rash?

- Mom reports none. Some immunodeficiencies are associated with rashes, such as Hyper IgE syndrome or chronic mucocutaneous candidiasis.

• Any history of food allergies or congenital allergies?

- Mom reports none. The presence of these would suggest the presence of IgE to mediate these processes.



• Did PJ have a new vibrator screen? Was it normal?

- Mom reports a normal newborn screen, as far as she knows. An abnormal newborn screen would pick up severe combined immunodeficiency (SCID).







**You may not initially think to ask these questions, but these are some pertinent positives/negatives for an immunologic history.**



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You may not initially think to ask these questions, but these are some pertinent positives/negatives for an immunologic history.

- Any other infections? Diarrhea/GI infections? Skin infections? Fungal infections (thrush, significant diaper rash)?
  - Mom reports none. These may suggest other concerns for defects in innate immunity or phagocytic immune response
- Any history of eczema or rashes?
  - Mom reports none. Some immunodeficiencies are associated with rashes, such as Hyper IgE syndrome or chronic mucocutaneous candidiasis.
- Any history of food allergies or concern for seasonal allergies?    
  - Mom reports none. The presence of these would suggest the presence of IgE to mediate these processes.
- Did PJ have a newborn screen? Was it normal?
  - Mom reports a normal newborn screen, as far as she knows. An abnormal newborn screen would pick up severe combined immunodeficiency (SCID).

# Why is PJ sick?

- PJ has had confirmed bacterial infections of multiple systems. Why?

Watch this 5 minute video, then proceed with the case:

[What do antibodies do?](#) (Video 1 of 5)