

Module Instructions



*Click through the case and enter text where indicated. This module will take about 45-60 minutes to complete, plus more optional time to review topics in more detail.

*Watch review videos (about 5 min each, linked out) that contain high yield basic science review topics throughout the case (5 videos total)

*(Optional) Review the topics again in text form or link back to the videos upon finishing the case

*Take a post-test (5-10 minutes) to apply the basic science concepts you have reviewed to different, related cases.

*Complete the feedback survey upon completion of this module to help improve it. Please offer your honest and sincere feedback.

Remember: this is a quick high-yield review to refresh your knowledge of immunology basic science. Further details can be found in your [textbook](#).

Case

- HPI: PJ is a 4 yo boy referred to the allergy and immunology clinic by his pediatrician after his 3rd hospitalization for pneumonia w/ sepsis. Mom says he is “always sick.” His first pneumonia required hospitalization at age 15 months for 5 days, with treatment including IV antibiotics. His most recent pneumonia was a few weeks after his 4th birthday, also with hospitalization. Mom does not remember her pediatrician commenting on any unusual organisms found by culture. She believes his height/weight and developmental milestones are appropriate for age. Currently he feels well, and mom agrees he does have period of weeks without fever or concern for infection, but these are rare.
- PMH: 1 difficult to treat chronic ear infection for months, bacterial meningitis at age 3, and on average 6-8 colds per year.
- PSH: None
- Social/Env: PJ lives with mom, dad, a 7 yo sister (otherwise healthy) and a cat. He is in day care.
- Family: No known immunodeficiencies. However, mom does comment her brother died in childhood before she was born.
- Birth: NSVD at full term. Mom denies any complications during pregnancy.
- Vaccines: PJ has received all age appropriate vaccinations so far without complication.



PJ at his 2 y/o checkup