**OS 217 Oncology Module Pediatric Sarcoma Case**

AB is a 16 year old male from Quezon.

AB was apparently well, until

2 months prior to consult, he noted a mass on his right knee area after falling while playing basketball with his friends. The mass was noted to be around 2 cm in size, firm, non-moveable, minimally tender. He placed balms and ointments on the affected area, until he noted that the tenderness disappeared. There was no note of any limitation of motion or pain on movement.

1 month prior to consult, he then noted knee asymmetry, with his right knee now appearing larger than his left knee. There was no note of pain or tenderness or limitation in motion. No consults were done.

1 week prior to consult, he noted progressively increasing right knee size, now with some limitation in flexion and extension of his right knee. He also noted pain on the affected site, waking him up at night. He also noted occasional cough episodes. He was then brought by his parents for consult.

 On further probing, you noted that he has no known prior illnesses, and was never hospitalized prior. His paternal aunt was noted to be treated 3 years prior with unrecalled medications for “ weak lungs.” His maternal uncle died 3 years ago of an unrecalled malignancy.

 He was born term to a G5P4 mother, he is the 5th in a brood of 8 at home care of a midwife. The parents are unable to recall if a newborn screening was done at birth. He received vaccinations care of the barangay.

He currently lives with his parents and 5 of his brothers and sisters. His parents are farmers.

He is currently a Grade 10 student, does average in school. He denies illicit drug use, alcohol consumption and smoking. He wants to take up engineering in college.

On physical examination, he was noted to be well and coherent. Physical examination was otherwise unremarkable, except for note of a mass on the right knee area, around 8x 6 cm, with limitation in flexion and extension of the knee. There was no note of any lymphadenopathies. He had clear breath sounds, with no decrease in breath sounds or crackles or wheezes. He had no murmurs, and neurologic exam was unremarkable.

You requested for workups, and the Xray was as follows:

