A woman was shot and killed during an altercation. Her past medical history included a learning disability, pigmented macules of the skin, and benign nodules of the skin. At autopsy, sections of the liver revealed the finding depicted in the photograph.

**Q1:** What is the most likely diagnosis of the liver lesions?

**Q2:** What is her underlying genetic disorder?
What is the Most Likely Diagnosis of the Liver Lesion?

- Neurofibroma: 60%
- Angiomyolipoma: 27%
- Other Neoplasm: 6%
- Other: 5%
- Lymphoma: 2%
What is her Underlying Genetic Disorder?

- Neurofibromatosis: 64%
- Tuberous Sclerosis Complex: 29%
- Other: 5%
- VHL: 2%
Correct answers:

Q1: What is the most likely diagnosis of the liver lesions?

Neurofibromas

Q2: What is her underlying genetic disorder?

Neurofibromatosis Type 1
Additional picture from the same case

Photo Courtesy of Dr. Theodore Brown
Histology findings