Question 30 – February 25

A 19-year-old male presents for further evaluation of chronic pancreatitis. He denies alcohol or tobacco use. Ultrasound was negative for gallstones and liver functions tests are normal. His father, uncle, and several cousins have pancreatitis.

What is the most likely cause of chronic pancreatitis?

A. CFTR mutation
B. PRSS-1 Mutation
C. K-ras Mutation
D. SPINK-1 Mutation
E. CTRC Mutation

Answer: B
Up to 80% of patients with hereditary pancreatitis are found to have a mutation in the PRSS1 gene.