

Question 16 – November 17

Which of the following statements regarding Cowden's syndrome is true?

- A. It is characterized by multiple adenomatous polyps throughout the gastrointestinal tract
- B. It is caused by a mutation in the SMAD gene
- C. It is inherited in an autosomal dominant pattern
- D. Cowden's syndrome has a prevalence of approximately 1 in 500,000 people

Answer: C

Cowden's syndrome is an autosomal dominant inherited syndrome with an incidence of approximately 1 in 200,00 people. It is manifested by multiple hamartomas. It is caused by a mutation in the PTEN gene.

References:

1. nih.gov website