

QUESTION

1. A patient with a long history of alcohol abuse presents with a 2-week history of weight loss, anorexia, and weakness. Physical examination shows a 10% weight loss, muscle wasting, and a 10% decrease in albumin. Laboratory studies show a total protein of 5.5 g/dL, albumin of 3.5 g/dL, and a normal creatinine. The patient's serum immunoglobulin levels are normal. The patient's liver function tests are normal. The patient's chest X-ray is normal. The patient's bone marrow biopsy is normal. The patient's peripheral blood smear is normal. The patient's stool guaiac is negative. The patient's fecal occult blood test is negative. The patient's fecal calprotectin is normal. The patient's fecal lactoferrin is normal. The patient's fecal alpha-1 antitrypsin is normal. The patient's fecal alpha-2 macroglobulin is normal. The patient's fecal alpha-1 antitrypsin is normal. The patient's fecal alpha-2 macroglobulin is normal. The patient's fecal alpha-1 antitrypsin is normal. The patient's fecal alpha-2 macroglobulin is normal.

Test	Result
Weight	10% weight loss
Albumin	3.5 g/dL
Total protein	5.5 g/dL
Creatinine	Normal
Immunoglobulin levels	Normal
Liver function tests	Normal
Chest X-ray	Normal
Bone marrow biopsy	Normal
Peripheral blood smear	Normal
Stool guaiac	Negative
Fecal occult blood test	Negative
Fecal calprotectin	Normal
Fecal lactoferrin	Normal
Fecal alpha-1 antitrypsin	Normal
Fecal alpha-2 macroglobulin	Normal

2. A patient with a long history of alcohol abuse presents with a 2-week history of weight loss, anorexia, and weakness. Physical examination shows a 10% weight loss, muscle wasting, and a 10% decrease in albumin. Laboratory studies show a total protein of 5.5 g/dL, albumin of 3.5 g/dL, and a normal creatinine. The patient's serum immunoglobulin levels are normal. The patient's liver function tests are normal. The patient's chest X-ray is normal. The patient's bone marrow biopsy is normal. The patient's peripheral blood smear is normal. The patient's stool guaiac is negative. The patient's fecal occult blood test is negative. The patient's fecal calprotectin is normal. The patient's fecal lactoferrin is normal. The patient's fecal alpha-1 antitrypsin is normal. The patient's fecal alpha-2 macroglobulin is normal. The patient's fecal alpha-1 antitrypsin is normal. The patient's fecal alpha-2 macroglobulin is normal.

ANSWER



3. A patient with a long history of alcohol abuse presents with a 2-week history of weight loss, anorexia, and weakness. Physical examination shows a 10% weight loss, muscle wasting, and a 10% decrease in albumin. Laboratory studies show a total protein of 5.5 g/dL, albumin of 3.5 g/dL, and a normal creatinine. The patient's serum immunoglobulin levels are normal. The patient's liver function tests are normal. The patient's chest X-ray is normal. The patient's bone marrow biopsy is normal. The patient's peripheral blood smear is normal. The patient's stool guaiac is negative. The patient's fecal occult blood test is negative. The patient's fecal calprotectin is normal. The patient's fecal lactoferrin is normal. The patient's fecal alpha-1 antitrypsin is normal. The patient's fecal alpha-2 macroglobulin is normal. The patient's fecal alpha-1 antitrypsin is normal. The patient's fecal alpha-2 macroglobulin is normal.