

# Simon Broome Criteria for Familial Hypercholesterolemia

**A definite diagnosis of FH can be made if one of the following criteria is met:**

1. Total cholesterol >290mg/dL and tendon xanthomas
2. LDL cholesterol >190mg/dL and tendon xanthomas

**A possible diagnosis of FH can be made if one of the following criteria is met:**

1. Total cholesterol >290mg/dL plus one of the following:
  - Heart attack in first-degree relative under 60 years of age
  - Heart attack in second-degree relative under 50 years of age
  - Strong family history of total cholesterol >290 mg/dL or LDL cholesterol >190 mg/dL
2. LDL cholesterol >190mg/dL plus one of the following:
  - Heart attack in first-degree relative under 60 years of age
  - Heart attack in second-degree relative under 50 years of age
  - Strong family history of total cholesterol >290 mg/dL or LDL cholesterol >190 mg/dL