This is an ECG of a 50-year-old man. He was referred for assessment because of dyspnoea, chest pain, possibly effort related, and examination findings of BP 160/95 and a systolic murmur. An echocardiogram was done.

**QUESTION:** Which ONE of the following is the most likely echocardiographic finding?

(a) Aortic stenosis with left ventricular hypertrophy
(b) Mildly dilated LV with severe symmetrical hypertrophy
(c) Asymmetrical septal hypertrophy with systolic anterior mitral leaflet movement and regurgitation
(d) Marked apical LV hypertrophy with systolic cavity obliteration
(e) Severe mitral regurgitation.

Please analyze the ECG carefully and commit yourself to an answer before checking the explanation. **ANSWER on page 58**