- 19 Woodall CJ, Watt NJ, Clements GB. Simple technique for detecting RNA viruses in single sections of wax embedded tissue. *J Clin Pathol* 1993;46:276-7.
- 20 Jackson DPP, Quirke F, Lewis AW, *et al.* Detection of measles virus RNA in paraffin-embedded tissue. *Lancet* 1989;i:1391.
- 21 Bresters D, Schipper MEI, Reesink HW, Boeser-Nunnink BDM, Cuypers HTM. The duration of fixation influences the yield of HCV cDNA-PCR products from formalin-fixed, paraffin-embedded liver tissue. *J Virol Methods* 1994;48:267-72.
- 22 Jin O, Sole MJ, Butany JW, *et al.* Detection of enterovirus RNA in myocardial biopsies from patients with myocarditis and cardiomyopathy using gene amplification by polymerase chain reaction. *Circulation* 1990;82:8-16.
- 23 Severini GM, Mestroni L, Falaschi A, Camerini F, Giacca M. Nested polymerase chain reaction for high-sensitivity detection of enteroviral RNA in biological samples. *J Clin Microbiol* 1993;31(5):1345-9.
- 24 Hilton DA, Variend S, Pringle JH. Demonstration of coxsackie virus RNA in formalin-fixed tissue sections from childhood myocarditis cases by *in situ* hybridization and the polymerase chain reaction. *J Pathol* 1993;170: 45-51.
- 25 Khan M, Why H, Richardson P, Archard LC. Nucleotide sequencing of PCR products show the presence of Coxsackie-B3 virus in endomyocardial biopsies from patients with myocarditis or dilated cardiomyopathy. *Biochem Soc Trans* 1994;22:176S.

IMAGES IN CARDIOLOGY

Hypertrophic cardiomyopathy

Figure A

Figure B

A 60 year old woman presented with severe dyspnoea. A labile left ventricular outflow tract gradient varying between 20 and 80 mm Hg was demonstrated at cardiac catheterisation. The left ventricular angiogram (A) shows the typical appearances of hypertrophic cardio-myopathy with a very small end systolic cavity, hypertrophied papillary muscles, and associated severe mitral regurgitation.

(B) Postmortem transverse section through the heart at the level of the ventricles in a case of sudden death in a male patient, who was in his mid 20's, and found dead in the street in the early hours of the morning. There is intense left ventricular hypertrophy particularly affecting the interventricular septum (approximately 4.5 cm) with associated fibrosis and virtual obliteration of the left and right ventricular cavities.

M K DAVIES