Vol 82 No 5 Pages 537-646

HEART

Editorials

- **537** Should percutaneous devices be used to close a patent foramen ovale after cerebral infarction or TIA? *J Chambers*
- **539** Warfarin in atrial fibrillation: underused in the elderly, often inappropriately used in the young R G Hart
- **541** Changes in cognition following cardiac surgery S Newman, J Stygall
- **543** Lifestyle changes after a myocardial infarction *D W Johnston*
- **545** How valuable is cardiac rehabilitation and who should get it? D R Thompson, D P de Bono

Review

547 Left atrial appendage: structure, function, and role in thromboembolism N M Al-Saady, O A Obel, A J Camm

Papers

- **555** Left atrial appendage anatomy and function: short term response to sustained atrial fibrillation *M J Weigner, S E Katz, P S Douglas, W J Manning*
- **559** Transcatheter closure of atrial septal defects in adults with the Amplatzer septal occluder *R Dhillon*, *B Thanopoulos*, *G Tsaousis*, *F Triposkiadis*, *M Kyriakidis*, *A Redington*
- **563** Stroke and atrial fibrillation: is stroke prevention treatment appropriate beforehand? *D Deplanque, F Corea, C Arquizan, L Parnetti, J L Mas, V Gallai, D Leys, and the SAFE I Study Investigators*
- 570 Use of antithrombotic measures for stroke prevention in atrial fibrillation I Perez, A Melbourn, L Kalra
- 575 Left ventricular beat to beat performance in atrial fibrillation: dependence on contractility, preload, and afterload H J Muntinga, A T M Gosselink, P K Blanksma, P J De Kam, E E Van Der Wall, H J G M Crijns
- **581** Risk of myocardial infarction in young female smokers N R Dunn, B Faragher, M Thorogood, L de Caestecker, T M MacDonald, C McCollum, S Thomas, R Mann
- **584** Non-adherence with ACE inhibitor treatment is common in heart failure and can be detected by routine serum ACE activity assays A D Struthers, G Anderson, R J MacFadyen, C Fraser, T M MacDonald
- **589** Impact of concurrent amiodarone treatment on the tolerability and efficacy of carvedilol in patients with chronic heart failure *P S Macdonald, A M Keogh, C Aboyoun, M Lund, R Amor, D McCaffrey*
- **594** Evolution and long term outcome in cases with fetal diagnosis of congenital heart disease: Italian multicentre study V Fesslova', S Nava, L Villa, and the Fetal Cardiology Study Group of the Italian Society of Pediatric Cardiology
- **600** Stent implantation for aortic coarctation and recoarctation A G Magee, G Brzezinska-Rajszys, S A Qureshi, E Rosenthal, M Zubrzycka, J Ksiazyk, M Tynan
- **607** Influence of left ventricular relaxation on the pressure half time of aortic regurgitation *S F de Marchi, S Windecker, B C Aeschbacher, C Seiler*
- **614** Utility of cardiac troponin I, creatine kinase-MB_{mass}, myosin light chain 1, and myoglobin in the early in-hospital triage of "high risk" patients with chest pain G S Hillis, N Zhao, P Taggart, W C Dalsey, A Mangione
- **621** A new mutation of the cardiac troponin T gene causing familial hypertrophic cardiomyopathy without left ventricular hypertrophy A Varnava, C Baboonian, F Davison, L de Cruz, P M Elliott, M J Davies, W J McKenna
- 625 Malalignment of the sarcomeric filaments in hypertrophic cardiomyopathy with cardiac myosin heavy chain gene mutation A Muraishi, H Kai, K Adachi, H Nishi, T Imaizumi
- **630** N-terminal proatrial natriuretic peptide correlates with systolic dysfunction and left ventricular filling pattern in patients with idiopathic dilated cardiomyopathy F M Fruhwald, A Fahrleitner, N Watzinger, H Dobnig, M Schumacher, R Maier, R Zweiker, G Leb, W Klein