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He also makes the classic error of thinking that indices derived from the fetal animal model can in every respect be extrapolated to the intact human fetus. Recent research from many workers who looked at different aspects of the fetal circulation shows that this is not so.¹⁻⁶ His statement that "it is well known that aortic and pulmonary pressures are equal in the fetus" was reported only in the fetal lamb. The gestational age at which this relation was found is not clear nor is it known how gestation in sheep relates to human gestation in terms of fetal development.

Much work needs to be done in the study of the haemodynamic function of the human fetus. But we must keep an open mind on the findings and not jettison results that do not fit with preconceived ideas that are derived from work in a different species with quite evident developmental differences.

Lindsey Allan, Virginia Machado,
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Perinatal Cardiology,
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References

- 1 Kenny JF, Plappert T, Doubilet P, *et al.* Changes in intracardiac blood flow velocities and right and left ventricular stroke volumes with gestational age in the normal human fetus: a prospective Doppler echocardiographic study. *Circulation* 1986;74:1208-16.
- 2 De Smedt MCH, Visser GHA, Meijboek EJ. Fetal cardiac output estimated by Doppler echocardiography during mid- and late gestation. *Am J Cardiol* 1987;60:338-42.
- 3 Allan LD, Chita SK, Al-Ghazali W, Crawford DC, Tynan M. Doppler echocardiographic evaluation of the normal human fetal heart. *Br Heart J* 1987; 57:528-33.
- 4 Kenny JF, Plappert T, Doubilet P, Saltzman DH, St. John Sutton M. Effects of heart rate on ventricular size, stroke volume and output in the normal human fetus: a prospective echocardiographic study. *Circulation* 1987;76:52-8.
- 5 Lingman G, Marsal K. Circulatory effects of fetal cardiac arrhythmias. *Pediatr Cardiol* 1986;7:67-74.
- 6 Tonge HM, Wladimiroff JW, Noordam MJ, Stewart PA. Fetal cardiac arrhythmias and their effect on volume blood flow in descending aorta of the human fetus. *JCU* 1986;14:607-12.

Notices

British Cardiac Society

The Autumn Meeting will be held at the Wembley Conference Centre, London, on 22 to 24 November 1988. The closing date for receipt of abstracts has been changed to 24 June 1988 and is not as indicated in an earlier notice.

The Annual General Meeting for 1989 will take place in Oxford on 6 and 7 April 1989, and the closing date for receipt of abstracts will be 6 January 1989.

European-American cardiology in London

A combined course organised by the American College of Cardiology, British Cardiac Society, and European Society of Cardiology will be held in

London on 1 to 3 June 1988. Inquiries from those residing in Europe to European Cardiology Congress Organization, European Society of Cardiology, Rue Juste Olivier 22, CH-1260 Nyon, Switzerland; from those residing in North America to Registration Secretary, Extramural Programs Department, American College of Cardiology, 9111 Old Georgetown Road, Bethesda, MD 20814, USA.

International Union of Angiology

The 15th World Congress of the International Union of Angiology will take place in Rome from 17 to 22 September 1989. Inquiries to Professor Antonio Strano, Via di Vigna Stelluti 40, 00191 Rome, Italy.