

## CURRICULUM VITAE

**Date of updating:** 1/1/97

### PERSONAL DATA:

**Name:** Lindsey Allan  
**Birthdate:** 16th July, 1946  
**Birthplace:** Glasgow, Scotland  
**Citizenship:** UK

### ACADEMIC TRAINING:

**University:** University of Glasgow, M.B. Ch.B 1969  
E.C.F.M.G. 1969  
General Medical Council license 1970  
M.D. Thesis 1982

### TRAINEESHIP:

**Internship:** Western Infirmary, Glasgow 1969-70  
**Residency:** Victoria Infirmary, Glasgow 1970-72  
**Fellowship:** Medical Genetics, Hospital for Sick Children,  
Glasgow 1972-3  
Gap for Maternity leave 1973-80  
Paediatric Cardiology, Guy's Hospital,  
London 1980-83

### BOARD QUALIFICATION (Equivalent):

Membership of Royal College  
of Physicians 1972

### PROFESSIONAL ORGANISATIONS

**Member of:** British Cardiac Society  
British Paediatric Association  
British Paediatric Cardiology Association  
Association of European Paediatric Cardiologists

(AEPC)

**Chairman of:** Fetal Cardiology Working Party of AEPC

**ACADEMIC APPOINTMENTS:**

Lecturer in Paediatric United Medical and Dental 1983-85  
Cardiology School (UMDS), University of London  
Senior Lecturer in UMDS, University of London 1985-91  
Perinatal Cardiology  
Professor of Fetal Cardiology, UMDS,  
University of London 1991-93  
Professor of Pediatrics, Aug.93-Jan 94  
Professor of Pediatrics (in Obstetrics and Gynecology) Feb. 1994 to present  
at Presbyterian Hospital,  
College of Physicians and Surgeons of Columbia  
University, New York, NY 10032

**HOSPITAL APPOINTMENTS:**

Honorary Senior Registrar, Guy's Hospital, London 1983-85  
Honorary Consultant, Guy's Hospital 1985-93  
Attending Pediatrician, Presbyterian Hospital  
New York Oct. 93

**HONORS:**

Fellowship of Royal College of Physicians,  
Glasgow 1986  
Fellowship of Royal College of Physicians,  
London 1990  
British Heart Foundation Chair of Fetal  
Cardiology 1992

**GRANT SUPPORT:** British Heart Foundation

Research Fellow 1980-4  
Director of British Heart Foundation  
Research Group 1984-92  
British Heart Foundation Professor 1992

**COMMITTEES:**

Member of: South-East Thames (SET) Subspecialty Committee in  
Genetics  
SET Subspecialty Committee in Cardiology

## **TEACHING EXPERIENCE:**

Undergraduate and postgraduate teaching of  
paediatric and fetal echocardiography  
Regular contributor at general ultrasound courses in  
UK for ultrasonographers, radiologists, and  
obstetricians.

Run regular fetal echocardiography courses at  
Guy's, both basic and advanced

Run regular fetal echocardiography courses in  
Norway, Sweden, Italy and Singapore

Faculty member of Fetal Cardiology group running  
an annual course world wide since 1986

Supervisor for one PhD and one M.Phil both  
awarded

Supervisor for two MDs awarded

Supervisor for one PhD in progress

## **OTHER PROFESSIONAL ACTIVITIES:**

**Editorial Board of**      Pediatric Cardiology  
                                 Prenatal Diagnosis  
                                 Ultrasound in Obstetrics and  
                                 Gynaecology  
                                 Fetal Therapy

**Consultative**      Consultant to the AMI Portland Hospital

**Visiting Professor**      Portland, Oregon, 1982

## **PUBLICATIONS**

### **Original, peer reviewed articles**

- 1) Allan L.D., Ferguson-Smith, M.A., Donald, I., Sweet, E.M., Gibson, E.M. Amniotic fluid alpha-fetoprotein: antenatal diagnosis of spina bifida. *Lancet* 1973; 11, 7828: 522-50.
- 2) Boyd, E., Allan L.D. Pericentric inversion of chromosome 9; incidence and implication in a normal population. *Heredity* 1973;32:2280-83.
- 3) Allan, L.D., Tynan, M.J., Campbell, S., Wilkinson, J. and Anderson R.H. Echocardiographic and anatomical correlates in the fetus. *Br Heart J* 1980;44; 444-451.
- 4) Allan, L.D., Tynan, M.J., Campbell, S. and Anderson, R.H. Normal fetal cardiac anatomy - a basis for the echocardiographic detection of abnormalities. *Prenatal Diagnosis* 1981;1: 131-139.
- 5) Allan, L.D., Tynan, M.J., Campbell, S. and Anderson, R.H. Identification of cardiac malformations by echocardiography in the midtrimester fetus. *Br. Heart J* 1981;46; 358-362.
- 6) Allan, L.D., Joseph, M.D., Boyd, E.G.C.A., Campbell, S. and Tynan, M.J. M-Mode echocardiography in the developing human fetus. *Br. Heart J* 1982;47; 573-584
- 7) Allan, L.D., Leanage, R., Wainwright, R., Joseph, M.C., Tynan, M.J. Balloon atrial septostomy under two dimensional echocardiographic control. *Br. Heart J* 1982: 47; 41-43.
- 8) Allan, L.D., Anderson, R.H., Sullivan, I.D., Campbell, S., Holt, D.W. and Tynan, M.J. The evaluation of fetal arrhythmias by echocardiography. *Br. Heart J* 1983: 50;240-5.
- 9) Allan LD, Campbell S, Tynan M. The feasibility of fetal echocardiography in the prediction of congenital heart disease. *Ultrasound Med Biol* 1983:suppl 3;565-8.
- 10) Allan, L.D., Crawford, D.C., Anderson, R.H., and Tynan, M.J. Echocardiographic and anatomical correlations in fetal congenital heart disease. *Br. Heart J* 1984: 52; 542-548.
- 11) Baker, E.J., Allan L.D., Tynan, M.J., Jones, O.D.H., Joseph M.C., Deverall, P.B. Balloon atrial septostomy in the neonatal intensive care unit. *Br Heart J* 1984: 51; 377-80.

- 12) Allan LD, Crawford DC, Anderson RH, Tynan MJ. Spectrum of congenital heart disease detected echocardiographically in prenatal life. *Br Heart J* 1984;54;523-526.
- 13) Crawford, D.C., Chapman, M.G., Allan L. D. Echocardiography in the investigation of anterior abdominal wall defects in the fetus. *Br J Obstet Gynaecol* 1985;92; 1034-1036.
- 14) Crawford, D.C., Chapman M.G., Allan, L.D. Evaluation of fetal bradycardia. *Br J Obstet Gynaecol* 1985;92; 941-944.
- 15) Allan L.D., Crawford, D.C., Chita, S.K. and Tynan M.J. Prenatal screening for congenital heart disease. *Br Med J* 1986;292; 1717-1719.
- 16) Allan, L.D., Crawford, D.C., Chita, S.K., Anderson, R.H. and Tynan M.J. The familial recurrence of congenital heart disease in a prospective series of mothers referred for fetal echocardiography. *Am.J. Cardiol.* 1986;58, 334-337
- 17) Allan, L.D., Crawford, D.C., Sheridan, R., and Chapman, M.G. Aetiology of non-immune hydrops: The value of echocardiography. *Br. J. Obstet. Gynaecol.*, 1986;93, 223-225.
- 18) Allan, L.D., Crawford, D.C., and Tynan, M.J. Pulmonary atresia in prenatal life *J Am Coll. Cardiol.* 1986;8;1131-1136
- 19) Crawford, D.C., Chita, S.K., Allan, L.D. Routine assessment of fetal cardiac anatomy by the non-specialist: survey of factors affecting image quality. *Br J Radiol* 1987: 60;617-621.
- 20) Crawford,D.C., Drake, D.P., Kwaitkowski, D., Chapman M.G. and Allan L.D. Prenatal diagnosis of reversible cardiac hypoplasia associated with congenital diaphragmatic hernia: Implications for postnatal management. *J. Clin. Ultrasound* 1987;14;718-721.
- 21) Allan, L.D., Chita, S.K., Al-Ghazali, W. Crawford, D.C. and Tynan M.J. Doppler echocardiographic evaluation of the normal human fetal heart. *Br. Heart J* 1987: 57; 528-533.
- 22) Machado, M.V.L., Chita, S.K. and Allan, L.D. Acceleration time in the aorta and pulmonary artery measured by Doppler echocardiography in the mid-trimester normal fetus. *Br Heart J* 1987;58; 15-18.
- 23) Al-Ghazali, W, Chapman, M.G, Chita, S.K., Crawford, D.C., and Allan, L.D. Doppler assessment umbilical artery blood flow for the

prediction of outcome in fetal cardiac abnormality. *Br J Obstet Gynaecol* 1987:94, 742-745.

24) Barton, T., Harris R., Wyman, J., Allan, L.D., and Crawford, D.C. Psychological effects of prenatal diagnosis: Example of fetal echocardiography. *Current Psych Res. & Reviews* 1987: 6 (1); 57-68.

25) Allan, L.D., Chita, S.K., Anderson, R.H., Fagg, N., Crawford, D.C., Tynan, M.J. Coarctation of the aorta in prenatal life: An echocardiographic, anatomical and functional study. *Br Heart J* 1988:59, 356-360.

26) Crawford, D. C., Chita, S.K., Allan, L.D. Prenatal detection of congenital heart disease: Factors affecting obstetric management and survival. *Am J Obstet Gynaecol* 1988:159, 352-356.

27) Crawford, D.C., Chita, S.K., Machado, V., Allan, L.D. Prenatal detection of congenital heart defects: the experience of a national referral centre. *Br J Radiol* 1988:61; 540-543.

28) Angelini, A., Allan, L.D., Anderson, R.H., Crawford, D.C., Chita, S.K., Ho, S.Y. Measurements of the dimensions of the aortic and pulmonary pathways. *Br Heart J* 1988: 60; 221-226.

29) Machado, M.V.L., Tynan, M.J., Curry, P.V.L., Allan, L.D. Fetal complete heart block. *Br Heart J* 1988:60; 512-515

30) Maxwell, D.J., Crawford, D.C., Curry, P.V.M., Tynan M.J., Allan, L.D. Obstetric importance, diagnosis and management of fetal tachycardias. *Br Med J* 1988:297, 107-110.

31) Al-Ghazali W., Chapman, M.G., Allan, L.D. Doppler assessment of the cardiac and uteroplacental circulations in normal and abnormal fetuses. *Br J Obstet Gynaecol* 1988:95, 575-580.

32) Al-Ghazali, W., Chita, S.K., Chapman, M.G., Allan, L.D. Evidence of redistribution of cardiac output in asymmetrical growth retardation. *Br Journal of Obstet Gynaecol*. 1989:96. 697-704.

33) Machado, M.V.L., Crawford, D.C., Anderson, R.H., Allan, L.D. Atrioventricular septal defect in prenatal life. *Br. Heart J* 1988:59, 352-355.

34) Allan, L.D., Chita, S.K., Sharland, G.K., Fagg, N., Anderson, R.H., Crawford, D.C. The Accuracy of Fetal Echocardiography in the

Diagnosis of CHD. *International Journal of Cardiology* 1989;25, 279-288.

35) Crawford DC, Wright VM, Drake DP, Allan LD. Fetal diaphragmatic hernia: the value of fetal echocardiography in the prediction of postnatal outcome. *Br J Obstet Gynaecol* 1989;96:705-10.

36) Paladini D, Chita SK, Allan LD. Prenatal measurement of cardiothoracic ratio in evaluation of congenital heart disease. *Arch Dis Child* 1990;65, 20-23.

37) Davis, G.K.; Farquhar, C.M.; Allan L.D.; Crawford D.C.; Chapman, M.G. Structural Cardiac Abnormalities in the Fetus: Reliability of Prenatal Diagnosis and Outcome. *British Journal of Obs & Gyn.* 1990;97, 27-31.

38) Al-Ghazali, W.H., Chapman, M.G., Rissik, J.M., Allan, L.D. The Significance of absent end diastolic flow in the umbilical artery combined with reduced fetal output estimation in pregnancies at high risk for placental insufficiency. *J Obstet Gynaecol* 1990;10, 271-275.

39) Etedgui JA, Sharland GK, Chita S.K, Cook A, Fagg N, Allan LD. Absent Pulmonary Valve Syndrome with Ventricular Septal Defect: Role of the Arterial Duct. *Amer J of Cardiol* 1990;66(2):233-4

40) Sharland, G.K., Chita,S.K., Allan L.D The Use of Colour Doppler in Fetal Echocardiography. *International Journal of Cardiology* 1990;28:229-36

41) Allan, L.D., Sharland, G.K., Chita, S.K., Lockhart, S., Maxwell, D.J. Chromosomal Anomalies in Fetal Congenital Heart Disease. *Ultrasound in Obstet Gynecol* 1991;1;8-11.

42) Allan, L.D., Chita, S.K., Priestly, K., Maxwell, D., Sharland, G.K. Flecanide in the Treatment of Fetal Tachycardias. *Br Heart Journal* 1991;65; 46-48.

43) Allan, L.D., Cook, A., Sullivan I., Sharland, G.K. Changing Birth Prevalence of the Hypoplastic Left Heart Syndrome as a result of Fetal Echocardiography. *Lancet* 1991;337; 959-61.

44) Sharland,G.K., Chita, S.K., Allan, L.D. Tricuspid Valve Dysplasia or Displacement in Intrauterine Life. *J. of The American College of Cardiology.* 1991;17 No4; 944-49.

- 45) Lang, D., Oberhoffer R., Cook, A., Sharland, G.K., Allan, L.D., Fagg, N., Anderson, R.H. The Pathological Spectrum of Malformations of the Tricuspid Valve in Prenatal and Neonatal Life. *J Amer Coll Cardiol* 1991;17, No.5; 1161-7.
- 46) Maxwell D.J., Allan L.D., Tynan M. Balloon Aortic Valvoplasty in the Fetus: a report of two cases. *Br Heart Journal* 1991;65: 256-258.
- 47) Ho, S.Y., Cook, A., Anderson, R.H., Allan L, Fagg, N. Isomerism of the Atrial Appendages in the Fetus. *Paediatric Pathology*. 1991;11:589-608.
- 48) Skoll, A., Sharland G.K., Allan, L.D. Ultrasound Findings in Non-Immune Hydrops. *Ultrasound in Obs & Gyn*. 1991: 1;309-12
- 49) Sharland G.K., Chita S.K., Fagg N., Anderson R.H., Tynan M., Cook A.C., Allan L.D. Left Ventricular Dysfunction in the Fetus: Relation to Aortic Valve Anomalies and Endocardial Fibroelastosis. *Br Heart Journal* 1991;66;219-24.
- 50) Sharland, G.K., Lockhart, S.M., Chita S.K., Allan , L.D. Factors influencing the Outcome of Congenital Heart Disease Detected Prenatally. *Archives of Disease in Childhood* 1991;66;284-287
- 51) Allan LD, Sharland GK. The Prognosis in Fetal Tetralogy of Fallot *Pediatric Cardiology* 1992: 13:1-4
- 52) Sharland GK, Lockhart SM, Heward AJ, Allan LD. Prognosis in fetal diaphragmatic hernia. *Amer J Obstet Gynecol* 1992;166:9-13
- 53) Sharland G.K., Allan L.D. Screening for Congenital Heart Disease Prenatally. Results of a 2 1/2 year study in the South East Thames Region. *Brit J Obstet Gynaecol* 1992;99:220-5
- 54) Sharland, G.K., Allan L.D. Normal Fetal Cardiac Measurements Derived by Cross-sectional Echocardiography. *Ultrasound Obstet. Gynecol* 1992;2;175-181
- 55) Ho SY, Fagg N, Anderson R., Cook A, Allan L.D. Disposition of the Atrioventricular Conduction Tissues in the Heart with Isomerism of the Atrial Appendages: Its Relation to Congenital Complete Heart Block. *J Amer Coll Cardiol* 1992;20, No 4; 904-10
- 56) Groves A.M., Fagg, N.L.K., Cook A.C., Allan L.D. Cardiac Tumours in Intrauterine Life. *Archives of Disease in Childhood*. 1992;67/10;1189-92



- 57) Cook A.C., Fagg N.L.K., Allan L.D. The Use of Casts in the Autopsy Diagnosis of Fetal Congenital Heart Disease. *Brit Heart J* 1992;68;481-4
- 58) Oberhoffer R, Lang D, Sharland G, Allan LD, Fagg NK, Anderson RH. Correlation between echocardiographic and morphological investigation of lesions of the tricuspid valve diagnosed in fetal life. *Brit Heart J* 1992;68:580-5.
- 59) Johnson P, Sharland GK, Allan LD, Tynan M, Maxwell D. Umbilical venous pressure in non-immune hydrops fetalis: correlation with cardiac size. *Amer J Obstet Gynecol* 1992;167;1309-13.
- 60) Cullen S, Sharland GK, Allan LD, Sullivan ID. Potential impact of population screening for prenatal diagnosis of congenital heart disease. *Arch Dis Child* 1992;67;775-8
- 61) Maxwell DJ, Johnson P, Hurley P, Neales K, Allan LD, Knott P. Fetal blood sampling and pregnancy loss in relation to indication. *Brit J Obstet Gynaecol* 1991;98;892-7.
- 62) Cook AC, Allan LD, Anderson RH, Sharland GK, Fagg NLK. Atrioventricular septal defect in fetal life: a clinico-pathological correlation. *Cardiol Young* 1991;1:334-343.
- 63) Johnson P, Sharland G, Maxwell D, Allan L. The role of transvaginal sonography in the early detection of congenital heart disease. *Ultrasound Obstet Gynecol* 1992;2:248-51.
- 64) Sharland GK, Chan K, Allan LD. Coarctation of the aorta: difficulties in prenatal diagnosis. *Br Heart J* 1994;71:70-75
- 65) Celermajer DS, Bull C, Till JA, Cullen S, Vassilikos VP, Sullivan ID, Allan L, Nihoyannipoulos P, Somerville J, Deanfield JE. Ebstein' s anomaly: presentation and outcome from fetus to adult. *J Am Coll Cardiol* 1994;23:170-6.
- 66) Allan LD, Sharland GK, Milburn A, Lockhart SM, Groves AMM, Anderson RH, Cook AC, Fagg NLK. Prospective diagnosis of 1,006 consecutive cases of congenital heart disease in the fetus. *J Am Coll Cardiol* 1994;23:1452-8.
- 67) Wilson L, Curtis A, Korenberg JR, Schipper RD, Allan L, Chenevix-Trench G, Stephenson A, Goodship J, Burn J. A large Dominant Pedigree of atrioventricular septal defect AVSD):

- Exclusion from the Down syndrome critical region on chromosome 21. *Am J Hum Genet* 53:1262-68, 1993.
- 68) Allan LD, Lockart S. Intrathoracic cardiac position in the fetus. *Ultrasound Obstet Gynecol* 1993;3:93-6.
- 69) Sutton MS, Groves A, MacNeill A, Sharland G, Allan L. Assessment of changes in blood flow through the lungs and foramen ovale in the normal human fetus with gestational age: a prospective Doppler echocardiographic study. *Brit Heart J* 1994. 71:232-7.
- 70) Lee AS, Moore IE, Fagg NLK, Cook AC, Kakedekar AP, Allan LD, Keeton BR, Anderson RH. Histological changes in the left and right ventricle in hearts with Ebsteins's malformation and tricuspid valve dysplasia: a morphometric study of patients dying in the fetal and perinatal periods. *Cardiovasc Path* 1995;4:19-24.
- 71) Allan LD. Research Protocol for fetuses with complete heart block. *Ultrasound Obstet Gynecol* 1995;5:349-352.
- 72) Cook AC. Fagg NL. Ho SY. Groves AM. Sharland GK. Anderson RH. Allan LD. Echocardiographic-anatomical correlations in aorto-left ventricular tunnel. *Br Heart J*. 74(4):443-8, 1995.
- 73) Groves AM. Allan LD. Rosenthal E. Therapeutic trial of sympathomimetics in three cases of complete heart block in the fetus. *Circulation*. 92(12):3394-6, 1995.
- 74) Better DJ, Kaufman S, Allan LD. The normal pattern of pulmonary venous flow on pulsed Doppler examination of the human fetus. *J Am Soc Echocardiogr* 1996;9:281-5.
- 75) Apfel HD, Shen Z, Gopal AS, Vangi V, Solowiejczyk D, Altmann, Barst RJ, Boxt LM, Allan LD, King DL. Quantitative three dimensional echocardiography in patients with pulmonary hypertension and compressed left ventricles: comparison with cross-sectional echocardiography and magnetic resonance imaging. *Heart* 1996;76:350-354.
- 76) Allan LD, Anderson RH, Cook AC. Atresia or absence of the left-sided atrioventricular connection in the fetus: echocardiographic diagnosis and outcome. *Ultrasound Obstet Gynecol* 1996; 8: 295-302.

- 77) Groves AM. Allan LD. Rosenthal E. Outcome of isolated congenital complete heart block diagnosed in utero. Heart. 75(2):190-4, 1996.
- 78) Allan LD, Santos R, Pexieder T. Anatomical and echocardiographic correlates of normal cardiac morphology in the late first trimester fetus. Heart 1997; 77:68-72.
- 79) Allan LD. Abnormally related great arteries in the fetus. Amer J Radiol 1997;168:1283-8.

## **Case reports**

- 1) Allan, L.D., Little, D., Campbell, S. and Whitehead, M. (1981) Fetal ascites associated with congenital heart disease. *Br. J. Obstet. Gynaecol.*, 88 453-455.
- 2) Crawford DC, Garrett C, Tynan MJ, Neville BG, Allan LD. Cardiac rhabdomyomata as a marker for the antenatal detection of tuberose sclerosis. *J Med Genetics* 1983; 20; 303-304.
- 3) Allan LD, Crawford D.C, Tynan M.J. Evolution of coarctation of the aorta in intrauterine life. *Br Heart Journal* 1984; 52: 271-473.
- 4) Allan LD, Joseph MC, Tynan M. Clinical value of echocardiographic colour image processing in 2 cases of primary cardiac tumour. *Br Heart J* 1983;49;154-6.
- 5) Allan, L.D., Sharland, G.S., Tynan, M. Natural History of Hypoplastic Left Heart Syndrome. *Inter Journal of Cardiology.* 1989;25; 341-343.
- 6) Allan LD. Maxwell DJ. Carminati M. Tynan MJ. Survival after fetal aortic balloon valvoplasty. *Ultrasound Obstet Gynecol.* 5(2):90-1, 1995.
- 7) Better DJ, Timchak DM, Allan LD. Prenatal diagnosis of aneurysm of the arterial duct: postnatal management and literature review. *Cardiol in Young* 1997;7:160-163.

**Books Published**

Allan, L.D. Manual of Fetal Echocardiography. MTP Press, Lancaster. 1986

Allan LD, Sharland GK, Cook A. Atlas of Fetal Cardiology. Mosby Book Publishers. 1994.

**Vidoetape Published**

Allan LD. Fetal Heart Scanning. Churchill Livingstone. London, New York. 1995

## Reviews, Chapters and Editorials

- Allan, L.D. A review of fetal echocardiography. *Echocardiography* 1985;4; 1-26.
- Allan, L.D. The prenatal detection of congenital heart disease. Prenatal diagnosis. Proceedings of the XIth Study Group, RCOG 1984.
- Allan, L.D. Fetal Echocardiography - A decision-making method. In: *Echocardiography*. Ed. Hunter. Castle House, Newcastle. 1984.
- Allan LD. Early detection of congenital heart disease in prenatal life. *Clin Obstet Gynecol* 1983;10;507-14
- Allan, L. D. Detection of structural heart disease in prenatal life. In: *Echocardiography*. Ed. Kleinman. Futura Medical Publishers, Mount Kisco. 1984.
- Allan LD, Crawford DC, Anderson RH and Tynan MJ. Evaluation and treatment of fetal arrhythmias. *Clin Cardiol* 1984;7, 467-473
- Allan, L.D. Cardiac Ultrasound of the fetus. Editorial. *Arch Dis Child* 1984;59, (suppl), 7;603-604.
- Allan, L.D. Fetal Echocardiography: Confidence limits and accuracy. Editorial. *Ped Cardiol* 1985;6:145-146.
- Allan, L.D. Fetal cardiac ultrasound. In: *The Principles and Practice of Ultrasonography in Obstetrics and Gynecology*. Ed. Sanders and James. Appleton-Century-Crofts. 1985:15:211-217.
- Allan, L.D. Congenital heart disease. In: *Current status of clinical cardiology. Fetal Echocardiography*. Ed. Macartney. MTP Press, Lancaster. 1985.
- Allan, L.D. Editorial. Evidence of congenital cardiac malformations in spontaneous abortions. *Int J Cardiol* 1985;7:45-6.
- Allan, L.D., Griffin, D., Campbell, S., Roberts, A., and Little, D. Fetal anomalies. In: *Clinical diagnostic ultrasound*. Ed. Barnett and Morley. Blackwell Scientific Publications, Edinburgh. 1985.
- Allan, L.D. Fetal echocardiography. In: *Textbook of Echocardiography*. Ed. St. John Sutton, Oldershaw. Blackwell Scientific, Cambridge, MA. 1985.
- Allan, L.D., Anderson, R. In: *Perinatal Pathology*. Ed. Claireaux and Reed. Chapman & Hall Ltd. 1985.

- Allan, L.D. Can fetal echocardiography influence the practice of paediatric cardiology? In Echocardiography Ed: Hunter. Churchill Livingstone. 1986.
- Allan LD. Examining the fetal heart. Editorial. Br J Obstet Gynaecol 1986;93;305-6
- Allan, L.D. Fetal echocardiography. Topics in circulation 1986:1; 2-5
- Allan, L.D. Prenatal cardiology. Current Opinion in Cardiology 1986: 1; 107-111.
- Allan L.D. The management of fetal arrhythmias. In: Fetal and neonatal cardiology. Ed. Long. W.B. Saunders & Co. 1987
- Allan, L.D. Fetal echocardiography. Clinics in Obstet and Gyn Ed. Gabbe. Harper and Row. Philadelphia.1988,61-80.
- Allan, L.D. Prenatal detection of congenital heart disease. In: Paediatric Cardiology. Ed. Anderson, Macartney, Shinebourne and Tynan. Churchill Livingstone. Edinburgh. 1987, 351-363.
- Allan, L.D. Prenatal cardiology. Current Opinion in Cardiology 1987, 2, 146-150.
- Allan, L.D. Prenatal diagnosis of congenital heart disease. Hospital Update 1987. 13, no 7.
- Allan, L.D. Prenatal Cardiology. Current Opinion in Cardiology, 1988:3, 50-54.
- Allan LD. Diagnosis of fetal cardiac abnormality. Br J Hosp Med 1988:40;290-3.
- Allan, L.D. Editorial: Development of congenital heart lesions in mid or late gestation. Int J Cardiol 1988: 19(3), 361-363.
- Sharland, G.S., Allan,L.D. Antenatal Diagnosis of Cardiac Abnormality. Radiology Now, 1989:6, No 3.
- Allan L.D. Fetal Echocardiography. Current Opinion in Paediatrics. 1989:1;120-3.
- Allan L.D. Fetal Echocardiography. In: Text Book of Fetal Echocardiography and Doppler. Blackwell Scientific Publications. 1989.
- Allan, L.D. Foetal Echocardiography. Surgery for Congenital Heart Defects. Ed: Stark and de Leval. Publishers: W.B. Saunders & Co, Florida. 1989.

- Allan, L.D. Perinatal Cardiology. *Medicine International* 1989;70: 2908-10.
- Anderson, R.H and Allan, L.D. The heart. In: *Diseases of the Fetus and Newborn*. Ed: Reed, Claireaux and Bain. Chapman and Hall, London. 1989:217-47.
- Allan LD. Diagnosis of prenatal cardiac abnormalities. Editorial. *Arch Dis Childhood*. 1989;64:964-68.
- Allan L.D. Foetal Echocardiography. In: *Textbook of Cardiac Ultrasound*. Ed. Roelandt. Gower. 1990.
- Allan L.D. Fetal Echocardiography. In: *Current Status of Clinical Cardiology* Ed. Julian. Kluwer Academic, Lancaster. 1990:91-119.
- Allan L.D. Fetal Heart Disease. *Current Opinion in Obstetrics and Gynaecology*. 1990;2:223-226
- Allan LD. Scanning of the fetal heart. In: *Perspectives in Paediatric Cardiology*. Ed. Crupi, Parenzan, Anderson. Futura, Mount Kisco. 1990:58-62.
- Allan L.D. Use of Doppler in the Diagnosis of Structural Cardiac Abnormalities. In: *Doppler Ultrasound in Obstetrics & Gynaecology*. Ed. Pearce.1990.
- Sharland GK and Allan LD. Detection of congenital abnormalities of the cardiovascular system by ultrasound. In: *Modern antenatal care of the fetus*. Ed. Chamberlain. Blackwell Scientific, London. 1990:345-359.
- Allan L.D. Congenital Heart Disease. *Prenatal Diagnosis and Screening*. Ed. Rodeck, Brock, Ferguson-Smith. Churchill-Livingstone, London.1992.
- Allan L.D. Cardiac Ultrasound Scanning. *Prenatal Diagnosis of Fetal Abnormalities*. Proceedings of the Royal College of Obstetrics and Gynaecology. 1990.
- Allan L.D. Structural and Functional Anomalies of the Heart. *Diagnosis*. Cambridge University Press. 1991.
- Cook A.C., Allan L.D., Anderson R.H., Sharland G.K., Fagg, N.L.R. Atrioventricular Septal Defect in Fetal Life - A Clinicopathological Correlation. *Cardiol. Young*. 1991;1: 334-343



Allan L.D. Heart Anomalies:Diagnosis. In: Textbook of Ultrasound in Obstetrics and Gynaecology. Ed. Chervenak, Isaccson, Campbell. Little, Brown and Co, Boston. 1993:923-39.

Allan L.D, Johnson P, Maxwell D. Non-immune Hydrops. In: Progress in Obstetrics and Gynaecology Vol.10. Ed. Studd and Platt. Churchill Livingstone. 1991. In press.

Allan L.D. Review of Fetal Echocardiography. Fetal Medicine & Surgery - Indian Society for Prenatal Diagnosis and Therapy. 1991.

Allan L.D. Atrioventricular Septal Defect in Prenatal Life. In: Perspectives in Cardiology. Ed. Anderson and Ebels. Futura, Mount Kisco. 1991. In Press

Allan L.D. Cardiac Ultrasound; Fetal Echocardiography Publisher: Churchill Livingstone. 1991.

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