

REFERENCES

- Adam CL, Gadd TS, Findlay PA et al.(2000):** IGF-I stimulation of luteinizing hormone secretion, IGF binding proteins (IGFBPs) and expression of mRNAs for IGFs, IGF receptors and IGFBPs in the ovine pituitary gland. *J Endocrinol* 166: 247-254.
- Amer K. (2008):** Pattern of congenital heart disease at prince Hashim Hospital – Jordan .*Middle East J. of Family Medicine* ,6 (6).
- Anderson RH, Baker E, Macartney F (2002):** *Paediatric Cardiology*. 2nd ed. London, Churchill Livingstone, 2002.
- Ashraf, T., Soliman, Ahmed Madkour, M. Abdel Galil, Mahmoud El Zalabany and Said, M. Aziz.(2007):** Growth parameters and Endocrine Function in Relation to Echocardiographic Parameters in Children with Ventricular Septal Defect without Heart Failure. *Journal of Tropical Pediatrics*, Jun 2007, 47 (3) : 146.
- Balu Vaidyanathan, Sreeparvathy B Nair, Kr Sundaram, Uma K Babu, K Shivaprakasha ,Suresh G Rao, R Krishna Kumar (2008).**Malnutrition in Children with Congenital Heart Disease (CHD): Determinants and Short-term Impact of Corrective Intervention *VOLUME 45-JULY* 17.
- Barton JS, Hindmarsh PC and Preece MA (1996):** Serum insulin-like growth factor I in congenital heart disease. *Arch Dis Child* 75:162–163.
- Barton, P C Hindmarsh, M A (1992).** Preece Serum insulin-like growth factor 1 in congenital heart disease disease _*J Clin Invest*;89:1128-32.

- Baylink D, Lau kH and Mohan S (2007):** The role of IGF system in the rise and fall in bone density with age. *J Musculoskelet Neuronal Interact*; 7 (4): 304-5.
- Bernitein D (2004):** Evaluation of the cardiovascular system, congenital heart disease, acquired heart disease and disease of the myocardium and pericardium. In: *Nelson textbook of pediatrics*. Behran R and Kliegman R (eds). 17th ed. WB Saunders, Philadelphia: 1499-1512.
- Bernstein, D.(2003):** Congenital heart Disease : Epidemiology and Genetic Bases of Congenital Heart Disease. In Behrman RE, Kliegman RM and Jenson HB, *Nelson Textbook of Pediatrics*. XIX : 1499, 17th ed., WB Saunders, PA.
- Bernstein D, Jasper JR, Rosenfold RG, et al. (1992):** Decreased serum insulin-like growth factor 1 associated with growth failure in newborn lambs with experimental cyanotic heart disease. *J Clin Invest* 89:1128–1132.
- Birkebaek, N.H., Hansen, L.K. and Elle, B.(1997):** Chest roentogram in evaluation of heart defects. *Pediatrics*, 103 : 15.
- Boisclair, Rhoads PR and Ueki I (2001):** Review of the acid labile subunit (ALS) of 150 Kda IGF-binding protein complexes: An important but forgotten component of circulating IGF system. *J Clin Endocrinol*; 170: 63-70.
- Botto LD, Mulinare J and Erickson JD (2000):** Occurrence of congenital heart defects in relation to maternal drug abuse. *American Journal of Epidemiology*; 151(9): 878-887.
- Braden, D.S. and Strong, W.F.(2000):** Cardiovascular responses to exercise testing children. *Am. J. Dis. Child*, 144 : 1255.
-
-

- Braunwald E (2005):** Congenital heart disease. In Braunwald E (ed): Heart Disease: A Textbook of Cardiovascular Medicine. W.B.Saunders Company, Philadelphia. P 1495- 1505.
- Brook MM (1999):** Pediatric bacterial endocarditis . Treatment and prophylaxis. *Ped Clin North Am*; 46: 275.
- Butler AA, yakar S and Le Roith D (2002):** Insulin- like growth factor-1: Compartmentalization within the somatotrophic axis. *News physiol. Sci*; 17: 82-5.
- Button, L.N. and Rosenthal, A.(2000):** Acyanotic Heart defect *L Am. J. Cardiol.* 7 : 162.
- Chiang LK and Dunn AE (2000):** Cardiology. In Siberry GK and Iannone R (eds): *The Harriet Lane Handbook*. Mosby Inc., St. Louis. P131.
- Chi-Wen Chen MScN RN Chung-Yi Li PhD Jou-Kou Wang MD PhD (2004).** Growth and development of children with congenital heart disease .*Journal of Advanced Nursing* 47(3), 260–269
- Chlebna-Sokol S and Rusinska A (2001):** Serum insulin-like growth factor-1, bone mineral density and biochemical markers of bone metabolism in children with idiopathic osteoporsis. *Endocrine regulations*; 35: 201-8.
- Chung, T.(2002):** Assessment of cardiovascular anatomy in patients with congenital heart disease by magnetic resonance imaging. *Pediatric Cardiology.* 21 : 18.
- Clark EB (1995):** Epidemiology of congenital cardiovascular malformations. In Emmanouilides GC etal. (eds): *Moss and Adams Heart Disease in Infants, Children, and Adolescents Including the Fetus and Young Adult*. Williams & Wilkins, Baltimore. P 60.

- Clemente, C., Barnes, J. and Shine Bourne, E.(2004):** Feeding difficulties associated with congenital heart disease Child care health and development. 27 : 47.
- Colakoglu O, Taskiran B, Kizildag S and Unsol B (2007):** Serum IGF-1 and IGFBP-3 levels in liver cirrhosis. Turh J Gostoenterol; 18 (4): 245-9.
- Collinet, P., Chatelet – Cheront, C. and Houze de L'Aulnoit, D.(2004):** Prenatal diagnosis of an aorto – pulmonary window by fetal echocardiography : Fetal diagn. 17 : 302.
- Cusi K and Defronzo R (2000):** Recombinant human insulin-like growth factor I treatment for 1 week improves metabolic control in type 2 diabetes by amelioration hepatic and muscle insulin resistance. J Clin Endocrinol Metab 85:3077-3084
- Da Silva VM , de Oliveira Lopes MV, de Araujo TL(2008).** Feeding difficulties and growth dealy in children with hypoplastic left heart syndrome verus d- transposition of the great arteries. Pediatr Cardiol; 29:328-33.
- Dabizz, R.P., Caperioli, G. and Aiazzi, L.(2004) :** Distribution and anomalies of coronary arteries in TOF circulation. 61.
- Danford, D.A., Gumbiner, C.H. and Martin, A.B.(1998):** Effects of electrocardiography on the accuracy of preliminary diagnosis of common congenital cardiac defects. Pediatric. Cardiology. 21 : 334.
- Daughaday WH (2000):** Growth hormone axis overview. Somatomedin hypothesis. In: Pediatric Nephrology, 4th edition. Ellis DA, William EH and Patrick N (eds.). Baltimore, Lippincot Williams and Wilkins; 537-40.

- Deanfield J, Thaulow E, Warnes C (2003):** Task Force on the Management of rmvn-Up Congenital Heart Disease ESoC, ESe Committee for Practice Guidelines: Management of grown-up congenital heart disease. *Eur Heart J* 24:1035-1084.
- Derakhshan A, Karaukfer H, Razavi S, Fallahzadeh MH and Hashemi GH (2007):** Evaluation of IGF-1 in children with different stages of chronic renal failure. *Saudi J kidney Dis traspl*; 18 (2): 173-6.
- Dinleyici EC, Kilic Z, Buyukkaragoz B, Ucar B, Alatas O, Aydogdu SD, Dogruel N.(2007).**Serum IGF-1, IGFBP-3 and growth hormone levels in children with congenital heart disease: relationship with nutritional status, cyanosis and left ventricular functions. *Neuro Endocrinol Lett.*Jun;28(3):279-83.
- Dong F and Ren J (2003):** IGFs and IGF- binding proeins in nephrotic syndrome children on glucocorticoid. *Pharmacol Res*; 48 (4): 319-23.
- Dündar B, Akçoral A, Saylam G, Unal N, Meşe T, Hüdaoğlu S, Büyükgebiz B, Böber E,Büyükgebiz A(2000).**Chronic hypoxemia leads to reduced serum IGF-I levels in cyanotic congenital heart disease.*J Pediatr Endocrinol Metab.* Apr;13(4):431-6.
- EI Fouly A (1995):** Feeding patterns in infants with Fallot's tetralogy. *Egypt Heart J*; 47: 21.
- Ekstrom K, Salemyr J and Zachrisson I (2007):** Normalization of the IGF-IGFBP axis by sustained nightly inslinization in type 1 diabetes. *Diabetes Care*; 30:1357-63.

- Elias DG, keinan-Boker L and peters H (2004):** Long term consequences of the 1944-1945 Dutch famine on the insulin like growth factor axis. *Int J Cancer*; 108:628-30.
- El-Sisi A, Khella A, Numan M, Dilwar M, Bhat A, Soliman A.(2009)** Linear growth in relation to the circulating concentration of insulin-like growth factor-I and free thyroxine in infants and children with congenital cyanotic heart disease before vs. after surgical intervention. *J Trop Pediatr*. Oct;55(5):302-6.
- Emmanoulides GC, Allen HD, Reimenschneider TA and Gutgesell HP (1998):** Clinical Synopsis of Moss and Adams Heart Disease in Infants, Children and Adolescents, Including the Fetus and Young Adult. Williams & Wilkins, Canada.
- Evamendez P, Jose PV and Pianas E (2001):** Identification of the insulin-like growth factor receptor in fish embryos. *Endocrinology*; 142:1090-7.
- Fallot, A(1999):.** Contribution a1, autonomic pathologique de, la malade ble (cyanose cardiaque). *Marsille Med*. 25 :418.
- Farouk M, Afify A, Gamal B. Mohamed A, Abd El-Maboud A and Esmat A. Abdel-Latif B (2009).**Serum Levels of Ghrelin, Tumor Necrosis Factor- α and Interleukin-6 in Infants and Children with Congenital Heart Disease Advance Access Published on 2 June
- Federico G, Street ME and Maghnie M (2006):** Assessment of serum IGF-1 concentrations in the diagnosis of isolated childhood onset GH deficiency. *J Endocrinol Invest*; 29(8): 732-7.
- Fogel, M.A.(2001):** Assessment of cardiac function b magnetic resonance imaging. *Pediatric Cardiology*. 21 : 59.

- Fredriksen, P.M., Ingjer, E. and Thaulow, F.(1998):** Physical activity in children and adolescents with congenital heart disease. Aspects of measurements with an activity monitor. *Cardiology of the Young*, 10 : 98.
- Friedman WF (1997):** Congenital heart disease in infancy and childhood. In Braunwald E (ed): *Heart Disease: A Textbook of Cardiovascular Medicine*. W.B.Saunders Company, Philadelphia. P877.
- Frost RA, Lang CH and Gelato MC (1997):** Transient exposure of human myoblasts to tumor necrosis factor- α inhibits serum and insulin-like growth factor-I stimulated protein synthesis. *Endocrinology* 138: 4153-4159.
- Fyfe, D.A. and Parks, W.J(2002):.** Noninvasive diagnostics in congenital heart disease : echocardiography and magnetic resonance imaging. *Crit Care Nurs Q* Nov. 25 : 26.
- Galie N, Ghofrani HA, Torbicki A (2005):**Sildenafil citrate therapy for pulmonary arterial hypertension. *N Engl J Med.*; 353: 2148-2157.
- Ganong WF (2001):** Endocrine function of the pancreas and regulation of carbohydrate metabolism. In: *Review of Medical physiology*, 20th edition. William F Ganong (ed.). Appleton and Lange Co. Norwalk, Connecticut, 105 California San Fancis Co; 322-44.
- Gilbert HS (2003):** Modern treatment strategies in polycythemia vera. *Semin Hematol* ; 40: 26-9.
- Gomes, A.S., Lois, J.F. and Williams, R.G.(2005):** Pulmonary arteries MR imaging in patients with congenital obstruction of the right ventricular outflow tract. *Radiology* Jan. 174 : 51.

- Granata R, Broglio F, Migliorino D et al. (2000):** Neonatal and adult human heart tissues from normal subjects and patients with ischemic, dilated or hypertrophic cardiomyopathy express insulin-like growth factor binding protein-3 (IGFBP-3) .J Endocrinol Invest 23: 724-726.
- Granerus M, Johannisson A et al. (2001):** Insulin-like growth factors I and II induce cell death in Wilms's tumour cells. Mol Pathol 54: 30-35.
- Gregory, J., Emslie, A. and Wyllie, J.(2002):** Examination for cardiac malformations at six weeks of age. Archives of Diseases in Childhood. 80 : 46.
- Gutierrez, F.R., Siegel, M.J. and Fallah, J.H.(2005):** Magnetic resonante imaging of cyanotic and noncyanotic congenital Heart disease. Magn. Reson. Imaging Clin. N. Am. May. 10 : 209.
- Hallioglu O, Dursun A and Nurgun K (2003):** Plasma leptin levels in children with cyanotic and acyanotic congenital heart disease and correlations with growth parameters. International Journal of Cardiology 92:93-97.
- Harris, G.D.(2000):** Heart disease in children : primary care. Clinics in Office Practice. 27 : 767.
- Hedman CA, Frystyk J and Lindstom T (2004):** Residual B-cell function more than glycemic control determines abnormalities of insulin like growth factor system in type 1 diabetes. J Clin Endocrinol Metab; 89: 6305-59.
- Helle SI, Anker GB and Meadows KA (1998):** Alteration of the insulin-like growth factor system during the menstrual cycle in normal woman. Maturitas; 28:259-65.

- Hernandez-Diaz S, Werler MH, Walker AM, Mitchell AH (2000):** Folic acid antagonists during pregnancy and the risk of birth defects. *N Engl J Med*; 343: 1608-14.
- Hijazi, Z.M. and Waight, D.J. (2000):** Pediatric interventional cardiology. *Advances in Cardiac Surgery*. 13 : 143.
- Hirakawa T, Minegishi T, Abe K et al. (1999):** A role of insulin-like growth factor I in luteinizing hormone receptor expression in granulosa cells. *Endocrinology* 140: 4965-4971.
- Holly JMP, Gunnell DJ and Smith GD (1999):** Growth hormone, IGF-I and cancer. Less intervention to avoid cancer? More intervention to prevent cancer? *J Endocrinol* 162: 321-330.
- Homquist, C., Larsson, E. and Stahlberg, F.(2001):** Contrast angiography in infants and children. *Acta. Radiological*. 42 : 50.
- Hoppe C, Molgard C and Thomsen BI (2004):** Protein intake at 9 months of age is associated with body size but not with body fat in 10-y old Danish children. *Am J Clin Nutr*;79:494-501.
- Huang YS, Rousseau K, Lebel N et al. (1998):** Insulin-like growth factor-I stimulates gonadotropin production from eel pituitary cells: a possible metabolic signal for induction of puberty. *J Endocrinal* 159: 43-52.
- Hwa V,oh Y and Rosenfeld RG (1999) :**The insulin like growth factor binding protein (IGFBP) super family , *Endocrinal Rev*; 20:761-87.
- Jacobs EGJ, Leung MP and Karlberg J (2003):** Birth weight distribution in southern Chinese infants with symptomatic congenital heart disease. *J Paediatr Child Health* 39:191–196.

- James, R. and Zuberbuhler, M.D.(2000):** Tetralog of fallot. Moss and Adams, Fifth edition : Vol. II. 66 : 998.
- Jassal SK, Muhlen D and Barrett-Connor Z (2005):** Serum insulin – like growth factor-1 levels and bone mineral density in older adults: the Rancho Bernardo Study. *Osteoporosis Int*; 16:1948-54.
- Jorgensen JO, Vahl N, Hansen TB et al. (1998):** Determinants of serum insulin-like growth factor I in growth hormone deficient adults as compared to healthy subjects. *Clin Endocrinol* 48: 479-486.
- Juttmann, R.E., Hess, J. and Looman, C.W.(2000):** Screening for congenital heart malformation in child health centers. *International Journal of Epidemiology*. 17 : 989.
- Juul A (2003):** Serum levels of insulin-like growth factor-1 and its binding proteins in health and disease. *Growth Hormone & IGF Research*; 13:113-70.
- Kirkilin, J.W. and Barrat – Boyes, B.G.(2003):** Ventricular septal defect and pulmonary stenosis of atresia in : cardiac surgery, morphology, diagnostic criteria, natural history, techniques, result and indication, vol. 2, 2nd ed New York: Churchill livingstone. 861.
- Kuehl, K.S., Ferencz, C. and Loffredo, C.A.(1994):** Failure to diagnose congenital heart disease in infancy. *Pediatrics*. 103 : 743.
- Lallemand D, Penhoat A, Blum W et al. (1998):** Is there a local IGF system in human adrenocortical cells? *Mol Cell Endocrinol* 140: 169-173.
- Lamour JM, Addonizio LJ, Galantowicz ME (1999):** Outcome after orthotopic cardiac transplantation in adults with congenital heart disease. *Circulation* 100 (Suppl):5.
-
-

- Lange, A., Walayat, M. and Turnbull, C.M. (2005):** Assessment of atrial septal defect morphology by transthoracic three dimensional echocardiography using standard grey scale and Dopler myocardial imaging techniques : comparison with magnetic resonance imaging and intraoperative findings heart. 78 : 382.
- Lee WL, Chen JW, Ting CT et al (1999):** Insulin-like growth factor I improve cardiovascular function and suppress apoptosis of cardiomyocytes in dilated cardiomyopathy. *Endocrinology* 140: 4831-4840.
- Lewczuk J and Ludwik (2005):** How to manage the patients with hypoxic Pulmonary hyper-tension. *Pol Merkur Lekarski*;19 : 567-70.
- Lister, G. and Pitt, B.R.(2001):** Cardiopulmonary interactions in the infant with congenital heart disease. *Clin. Chest. Med.* 4 : 219.
- Loffredo CA, Sibergel ELR, Frenzy C and Zhangs J (2001):** Association of transposition of the great arteries in infants with maternal exposures to insecticides and radiations. *Am Journal of Epidemiology*; 153(6): 529-536.
- Lupu F, Terwilliger JD and Lee K (2001):** Roles of growth hormone and insulin- like growth factor-1 in mouse postnatal growth. *Dev Biol*; 229:141-62.
- Ma YL, Zeng Q and Donley DW (2006):** Teriparatide increases bone formation in modeling and remodeling osteons and enhances IFG-II immunoreactivity in postmenopausal women with osteoporsis. *J. Bone Miner Res*; 21:855-64.

- Marino BL, O'Brien P, and LoRe H (1995):** Oxygen saturations during breast and bottle feedings in infants with congenital heart disease. *J Pediatr Nurs*; 10: 360.
- Marques BG, Hausman DB, Latimer AM et al. (2000):** Insulin-like growth factor I mediates high-fat diet-induced adipogenesis in Osborne-Mendel rats. *Am J Physiol* 278: 654-662.
- Meberg, A., Oltrstable, J.E. and Froland, G.(2005):** Early clinical screening of neonates for congenital heart defect : the cases we miss. *Cardiology of the Young*. 9 : 169.
- Melmed S (1999):** Insulin-like growth factor I – A prototypic peripheral-paracrine hormone? *Endocrinology*140:3879-3880.
- Minaxi S and Catherine A (2006):** Studies of *Caenorhabditis elegans* DAF-2/ insulin signaling reveal targets for pharmacological manipulation of life span. *Aging cell*; 50:31.
- Naldi M, D'Orio V, Louis R (2006):** Pulmonary arterial hypertension due to COPD; *Rev Med Liege.*; 61:563-71.
- Nemer G, Fadlalah F, Usta J, Nemer M, Dbaiibo G, Obeid M, and Bitar F (2006):** A novel mutation in the GATA 4 gene in patients with Tetralogy of Fallot. *Hum Mutat*; 27(3): 293-4.
- Nishiki M, Murakami Y, Kawaguchi M et al. (1999):** Renal expression of insulin-like growth factor-I in acute renal failure: a preliminary report. *Clin Nephrol* 52: 148-151.
- Nishimura, R. and Tajik, A.J.(2001):** Determination of left – sided pressure gradient by utilizing Doppler aortic and mitral regurgitant signals : validation by simultaneous dual catheter and Doppler Studies. *J. Am. Coll. Cardiol.* 11 : 317.

- Niu T and Rosen CJ (2005) :** The insulin like growth factor -1 gene and osteoporis : A Critical appraisal . Gene : 361:38-56.
- Okan A, Comlecki A, Akpirar H , Yesil K, Tankurt E and Simsek I (2000):** Serum concentrations of IGF-1 and IGFBP-3 in patients with chronic hepatitis. Scand J Gastroenterol; 35 (11): 1212-5.
- Olcay L, Ozer S, Gurgey A (1996):** Parameters of iron deficiency in children with congenital heart disease. Pediatr Cardiol; 17: 150.
- Olgu Hallioglu, Dursun Alehan, Nurgun Kandemir (2003).**Plasma leptin levels in children with cyanotic and acyanotic congenital heart disease and correlations with growth parameters.
- Oram, S.(2002):** Acyanotic heart defect :2nd ed. William Heinmann Medical book Ltd. 474.
- Otto, C.M., Pearlman, A.S. and Comess, K.A.(2002):** Determination of the stenotic aortic valve area in adults using Doppler echocardiography. J. Am. Coll. Cardiol. 7 : 509.
- Penny DJ and Shekerdemian LS (2001):** Management of the neonate with symptomatic congenital heart disease. Arch. Dis. Child. Fetal Neonatal Ed.; 84: 141-145.
- Pfeilschifter J, Scheidt-nave C, Leidig-bruckner G et al. (1996):** Relationship between circulating insulin-like growth factor components and sex hormones in a population-based sample of 50-to 80-year-old men and women. J Clin Endocrinol Metab 81: 2534-2540.
- Pombo M, Pombo CM, Garcia A et al. (2001):** Hormonal control of growth hormone secretion. Horm Res 55: 11-16.

- Puig, I., Hofmann, M. and Kuhie Strand, T.(1996):** Chest X-ray of the neonate radiology. 40 : 43.
- Ream, A.K. and Fogdall, R.P.(1998):** Anatomy, physiology and haemodynamics of congenial heart disease. First edition, Lippincott Company, Philadlephia. 574.
- Richard, A.(1999):** Echocardiography In : "Moss and Adms heart disease in infants, children and adolescents", emmanouilides G.C., Thomas A.R., Allen H.D., Gutgesell H.P. (eds), 5th ed., Williams & Willins. 241.
- Rivera, I.R., Moises, V.A. and De Paol, A.A. (2004):** (Echocardiographic assessment of the pulmonary venous flow. An indicator of increased pulmonary flow in congenital cardiac malformations. Arq Bras Cadiol. Jun. 78 : 537.
- Rosner, B., Prineas, R.J. and Loggie, M.H.(2001):** Blood pressure nomograms for children and adolescents by height sex and age. J. Pediatr. 123 : 871.
- Salih D, Mohan S and Kasukawea Y (2005):** Insulin-like growth factor- binding protein-5 induces a gender-related decrease in bone mineral density in transgenic mice. Endocrinology; 146: 931-40.
- Samaneke, M.(2004):** Congenital heat malformations : prevalence, severity, survival and quality of life. Cardiology in the young. 10 : 179.
- Savage MO, Comacho-Hubner C and Dunger DB (2004):** Therapeutic applications of Insulin – like growth factors. Growth Horm IGF Res; 14 (4): 301-8.

- Scarth JP (2006):** Modulation of GH/IGF axis by pharmaceutical, nutraceutical and environ-mental xenobiotics. A review, *Xenobiotica*; 36 (3):119-218.
- Scarth JP (2006):** Modulation of GH/IGF axis by pharmaceutical, nutraceutical and environ-mental xenobiotics. A review, *Xenobiotica*; 36 (3):119-218.
- Sechtem, V., Theissen, P. and Baer, F.M.(2002):** Magnetic resonance tomography in clinical cardiology. *Zeitschrift fur Kardiologie*. 89 : 67.
- Shah, P.M.(2000):** Echocardiography in congestive or dilated cardiomyopathy *J. Am. Soc. Echo*. 1 : 20.
- Sharland, G. (2005):** Fetal cardiology, *Seminars in Neonatology*.6.
- Sherlund G (2001):** Fetal cardiology (review). *Seminars in neonatology*; 1: 3-15.
- Shih LY, Huang JY and Lee CT (1999):** Insulin-like growth factor I play a role in regulating erythropoiesis in patients with end-stage renal disease and erythrocytosis. *J Am Soc Nephrol* 10: 315-322.
- Shim, D., Lloyd, T.R. and Crowley, D.C.(2001):** Neonatal cardiac catheterization A 10 years transition from diagnosis to therapy. *Pediatric Cardiology*. 20 : 131.
- Simpson HL, Jackson NC and Shojaee-Moradie F (2004):** Insulin-like growth factor I has a direct effect on glucose and protein metabolism, but no effect on lipid metabolism in type 1 diabetes. *J Clin Endocrinol Metab*; 89: 425-32.
- Sinden AA and Sutphen J (1995):** Growth and Nutrition. In *Emmanouilides GC et al.(eds): Moss and Adams Heart Disease in*

Infants, Children, and Adolescents Including the Fetus and Young Adult. Williams & Wilkins, Baltimore. P 366.

Singh TP, Rohit M, Grover A (2006): A randomized, placebo-controlled, double-blind, crossover study to evaluate the efficacy of oral sildenafil therapy in severe pulmonary artery hypertension. *Am Heart J*;151:851.

Snider, A.R. and Bengur, A.R.(2000): Doppler echocardiography In : "Moss and Adams heart disease in infants, children and adolescents including the fetus and young adult", Emmanouilides, G.C., Thomas, A.R., Allen H.D., Gutgesell H.P. (eds.) 5th. Edition, Williams & Willkins. 270.

Soliman AT, Madkour A, Galil A, et al. (2001): Growth parameters and endocrine function in relation to echocardiographic parameters in children with ventricular septal defect without heart failure. *J Trop Paediatr* 47:146–152.

Soukkonen T, Amin R and Williams RM (2004): Dose-dependent effects of recombinant human insulin-like growth factor (IGF)-1/IGF binding protein-3 complex on overnight GH secretion and insulin sensitivity in type 1 diabetes. *J Endocrinol Metab*; 89: 4634-41.

Span JPT, Pieters GFFM, Sweep CGJ et al. (1999): Plasma IGF-I is a useful marker of growth hormone deficiency in adults. *J Endocrinol Invest* 22: 446-450.

Stenbog EV, Hjortdal VE , Ravn HB , SK jaerbaek C, Sorensen KE, Hansen OK. (2000). Improvement in growth and levels of insulin like growth factor -1 in the serum, after cavopulmonary connection , *cardiol Young* ; 10-440-6.

- Talner, N.S., Garson, A., Bricker, T.J., Fisher, D.J. and Neish, S.R.(2000):** The physiology of congenital heart disease. The Science and practice of pediatric Cardiology. Baltimore, Williams & Wilkins. 1107- 1118.
- Tavli, V.; Kayhan, B. and Okur, F.F.(1998):** Noninvasive diagnosis of congenital heart disease. Turkish Journal of Pediatrics, 43 (1) : 91.
- Territo MC, Rosove M, and Perloff Jk (1991):** Cyanotic congenital heart disease: hematologic management, renal function and urate metabolism. In Perloff JK and Child JS (eds): Congenital Heart Disease in Adults. W.B. Saunders Company, Phila-delphia. P93.
- Tonshoff B, Kiepe D and Cimatoris S (2005):** Growth hormone / insulin-like growth factor system in children with chronic renal failure. In: Pediatric Nephrology, 3rd edition. Ellis DA, William EH and Patrick N (eds.). Baltimore, Lippincott Williams and Wilkins;20 : 279-89.
- Tsung-Po Tsai, Jung-Min Yu, Yi-Liang Wu, Chih-Yang Huang, PhD, and Fong-Lin Chen, (2002)** Change of Serum Growth Factors in Infants With Isolated Ventricular Defect Undergoing Surgical repair(Ann Thorac Surg ;73:1765–9.
- Vogt KN, Manlhiot C, Van Arsdell G, et al (2007).** Somatic growth in children with single ventricle physiology . Impact of physiologic state. J Am Coll Cardiol; 50:1876-83.
- Wechsler SB, Wernovsky G (1998):** Cardiac disorders. In Cloherty IP and Stark AR (eds): Manual of Neonatal Care. Lipincott-Raven Publishers, Philadelphia. P393
- Weintraub RG and Menahem S (1993):**Growth and congenital heart disease.J Paediatr Child Health; 29:95-8.

- Wiren M, Adrian TE, Arnelo U et al. (1998):** An increase in mucosal insulin-like growth factor II content in post resectional rat intestine suggests autocrine or paracrine growth stimulation. *Scand J Gastroenterol* 33: 1080-1086.
- Wren, C., Richmond, S. and Donaldson, L.(2001):** Presentation of congenital heart disease in infancy : implications for routine examinations. *Archives of Diseases in Childhood.* 80 : 49.
- Yaghmie F, Saeed O, Garan S, Voelker MA, Gouw AM, Freitag W et al., (2006):** Age-dependent loss of insulin – like growth factor -1 receptor immune reactive cells in the supraoptic hypothalamus is reduced in calorically restricted subjects. *The Official Journal of the International Society for Developmental Neuroscience*; 24 (7): 431-6.
- Yaker S, Wu Y and Setser J (2002):** The role of circulating IGF-1: Lessons from human and animal models. *Endocrine*; 19:239-48.
- Yamamura T, Otani H, Nakao Y, Hattori R, Osako M, Imamura H.(2001).** IGF1 differentially regulates Bcl- xL and Bax and confers myocardial protection in the rat heart. *Am J physiol Heart Circ Physiol* ; 280:H 1191-200.
- Zachrisson I, Brismar R and Clarlsson-Skwirut C (2000):** Increased 24 hour mean insulin-like growth factor binding protein-3 proteolytic activity in pubertal type 1 diabetic boys. *Growth Horm. IGF Res*; 10: 324-31.
- Zhou R, Diehl D and Hoefflich A (2003):** IGF-binding protein-4: biochemical characteristics and functional consequences. *J Endocrinol*; 178: 177-93.