

References

Ahmed, M. L., Connors, M. H., Drayer, N. M., Jones, J. S., et al (1998). Pubertal growth in IDDM is determined by HbA1c levels, sex, and bone age. *Diabetes Care*, 21, 831–835

Akerblom HK, Virtanen SM, Ilonen J, Savilaht E, Vaarala O, Reunanen a, Teramo K, Ormision a, Ludvigsson J, Dosch HM, et al (2005): Dietary manipulation of beta cell autoimmunity in infants at increased risk of type 1 diabetes: a pilot study. National TRIGR Study Group. *Diabetologia*; 48(5): 829-37

Alba A, Planas R, Clemente X, Carrillo J, Ampudia R, Puertas MC, Pastor X, Tolosa E, Pujol-Borrell R, et al (2008) Natural killer cells are required for accelerated type 1 diabetes driven by interferone-beta. *Clin Exp Immunol*; 151(3):467-75

Alemzadeh R and Wyatt DT (2004) Diabetes mellitus in children
Nelson Text Book of Pediatrics. Saunders 17th edition; pp 1947-1972

Alemzadeh R and Wyatt DT (2007): Diabetes mellitus in children in Behrman RE. Kliegman RM and Jenson HB (eds:) Nelson Text Book of Pediatrics. Saunders 17th edition; pp 1947-1972

American Diabetes Association (ADA) (1999): Standards of medical care for patients with diabetes mellitus and clinical practice recommendations. *Diabetes care*; 22(suppl.1):S1-S114.

American Diabetes Association (ADA) (2002): Diabetic nephropathy
BMJ July 13, 2002 325:59-60

American Diabetes Association (ADA) (2003): Hyperglycemic crises in patients with diabetes mellitus. *Diabetes Care*; 26:S109-S117

American Diabetes Association (ADA) (2004): Nephropathy in diabetes. *Diabetic Care*; 27(suppl1):S79-S83.

American Diabetes Association work group on hypoglycemia (ADA) (2005): Defining and Reporting Hypoglycemia in Diabetes: a report from the American Diabetes Association work group on hypoglycemia. *Diabetes Care*; 28: 1245

American Diabetes Association (ADA) (2006): Diagnosis and classification of diabetes mellitus. *Diabetes care*; 29: 543-548

References

- American Diabetes Association (ADA) (2007):** Diagnosis and classification of diabetes mellitus. *Diabetic care*; 30: S42-S47
- American Diabetes Association (ADA) (2008) :** Standards of Medical Care in Diabetes. *Diabetes Care*; January 2008 vol. 31 no. Supplement 1 S12-S54
- American Diabetes Association (2008a):** Diagnosis and classification of diabetes mellitus. *Diabetes care*; 31(Suppl.) :S55-S60.
- American Diabetes Association (2008b):** Nutrition recommendations and interventions for diabetes. *Diabetes Care*; 31(Suppl.1):S61-S78
- Aslander-van Vliet E, Smart C and Waldron S (2007):** Nutritional management in childhood and adolescent diabetes. *Pediatr Diabetes*; 8(5): 323-39
- Atkinson MA and Maclaren NK (1994):** The pathogenesis of insulin dependent diabetes. *N Engl J Med*; 331:1428-36
- Barera G, Bonfanti R, Viscardi M, et al. (2002):** Occurrence of celiac disease after onset of type 1 diabetes: a 6-year prospective longitudinal study. *Pediatrics*; 109(5): 833-8
- Barker JM (2006):** Type 1 Diabetes-Associated Autoimmunity: Natural History, Genetic Association, and Screening. *J Clin Endocrinol Metab*; 4:1210- 17
- Barkis GL(2003):** Evaluation of treatment guidelines for diabetic nephropathy: Strategies integrate JNC VI, more recent protocols. *Post grade Med*; 113(5): 3550.
- Barrett TG (2007):** Differential diagnosis of type 1 diabetes: which genetic syndromes need to be considered? *Pediatr Diabetes*; 8 Suppl 6:15-23
- Bartsocas CS and Gerasimidi-Vazeou A (2007):** Genetics of type 1 diabetes mellitus. *Pediatr Endocrinol Rev*; 3(Suppl.3): 508-13
- Bellazzi R, Nucci G, Cobelli C (2001):** The subcutaneous route to insulin-dependent diabetes therapy. *IEEE Engineering in Medicine and Biology Magazine*; 20(1):54–64
- Benedict SR.(1911) :** the detection and estimation of glucose in urine *JAMA*. 1911;LVII(15):1193-1194

- Benn'ett PH and Knowler WC (2005):** Definition, Diagnosis and Classification of Diabetes Mellitus and Glucose homeostasis in: Joslin's Diabetes Mellitus Fourteen's edition C Ronald Kahn, Gordon C Weir, George L King, Robert J Smith, Alan C Moses; 105-107
- Betterle C and Zanchetta R (2003):** Update on autoimmune polyendocrine syndromes. Acta Biomed Ateneo Parmense; 74(1):9-33
- Betts P, Mulligan J, Ward P, Smith B and Wilkin T (2005):** Increasing body weight predicts the earlier onset of insulin dependent diabetes in childhood: testing the "accelerator hypothesis" (2). Diabet Med; 22(2): 144-51
- Botero D and Wolfsdorf J. (2005)** Diabetes Mellitus in Children and Adolescents Archives of Medical Research 36 (2005) 281–290
- Boulton AJ, Vinik AI, Arezzo JC, Bril V, Feldman EL, Freeman R, Malik RA, Maser RE, Sosenko JM, Ziegler D (2005):** Diabetic neuropathies: a statement by the American Diabetes Association. Diabetes Care; 28: 956–62
- Brignier AC and Gewirtz AM (2010):** Embryonic and adult stem cell therapy. J Allergy Clin Immunol.
- Brown, M., Ahmed, M. L., Clayton, K. L., & Dunger, D. B. (1994).** Growth during childhood and final height in type 1 diabetes. Diabetic Medicine 11, 182– 187
- Buyukgebiz A, Cemeroglu AP, Bober E, Mohn A and Chiarlli F. (2001):** Factors influencing remission phase in children with type I diabetes mellitus. J. Pediatr. Endocrinol. Metab; 14(9) 1585-96.
- Caroli G, Paganelli A, Fattori G, Daghighi MN, Guidetti P, Borsari S, Guerzoni A, Petropoulos K, Daya G and Ciardullo AV (2008):** Prevention of diabetes mellitus complications and improvement of early diagnosis at a population level, through the implementation of disease management in Modena Local Health Unit. Recent Prog Med; 99(4):200-3.
- Casu A., C. Pascutto, L. Bernardinelli, M. Songini, (2004) :** Type 1 diabetes among sardinian children is increasing: the sardinian diabetes register for children aged 0–14 years (1989–1999), Diabetes Care 27 (2004) 1623–1629

References

- Chow F, Ozola E, Nikolic-Paterson DJ, Atkins RC and Tesch GH (2004):** Macrophages in mouse type 1 diabetic nephropathy: correlation with diabetic state and progressive renal injury. *Kidney Int. Jan*; 65(1): 116-28.
- Clar C, Waugh N and Thomas S (2003):** Routine hospital admission versus outpatient or home care in children at diagnosis of type 1 diabetes mellitus. *Cochrane Database Syst Rev*; CD004099
- Clarson, C., Daneman, D., & Ehrlich, R. M. (1985).** The relationship of metabolic control to growth and pubertal development in children with insulin-dependent diabetes. *Diabetes Research*, 2, 237–241
- Cnaturvedi N, Bandinell S, Mangilli R, Renno, G, Rottier S. and Fuller J (2001):** Microalbuminuria in type I diabetes: Rates, risk factors and glycemic threshold. *Kidney Int*; 60(1): 219-227
- Conn, JW (1958)** The prediabetic state ☆ A concept of dynamic resistance to a genetic diabetogenic influence *The American Journal of Medicine*, Volume 31, Issue 6, Pages 839-850
- Craig ME, Hattersley A and Donaghue K (2007):** ISPAD clinical practice consensus guidelines 2006-2007 Definition, epidemiology and classification. *Pediatric Diabetes*; 7:34-351
- Creusot RJ and Fathman GC.(2004):** Gene therapy for type 1 diabetes: a novel approach for targeted treatment of autoimmunity Published in Volume 114, Issue 7 *J. Clin. Invest.* **114**(7): 892-894
- Cryer PE (2007):** Hypoglycemia, functional brain failure, and brain death. *J Clin Invest*; 117:868–70.
- Curtis JA and Hagerty D (2002):** Managing diabetes in childhood and adolescents. *Can Fam Physician*; 48:499-502, 505-9
- D' Annunzio, G., Cortona, L., Vitali, L., Pessino, P., & Lorini, R.(1994) :** Final height attainment in girls and boys with insulin-dependent diabetes mellitus. *Diabetes Research and Clinical Practice*, 24, 187– 193
- D'Annunzio G, Malvezzi F, Vitali L, Barone C, Giaccherio R and Klersy C. (1997):** A 3-19-year follow-up study on diabetic retinopathy in patients diagnosed in childhood and treated with conventional therapy. *Diabet Med*; 14(11):951-8

Dahlquist G and Kallen B (2005): Mortality in childhood-onset type 1 diabetes: a population-based study. *Diabetes Care*; 28(10): 2384-7.

Danne T, Mortensen HB, Hougaard P, et al. (2001): Persistent differences among centers over 3 years in glycemic control and hypoglycemia in a study of 3,805 children and adolescents with type 1 diabetes from the Hvidovre Study Group. *Diabetes Care*; 24(8): 1342-7.

Delamater AM (2007): Psychological care of children and adolescents with diabetes. *Pediatr Diabetes*; 8(5): 340-8

Devendra D, Liu E, and Eisenbarth G (2004): Type 1 diabetes: recent developments . *BMJ*; 328: 750-754

DiLiberti JH and Lorenz RA (2001): Long-term trends in childhood diabetes mortality: 1968-1998. *Diabetes Care*; 24(8): 1348-52.

Drayer, N. M. (1974) : Height of diabetic children at onset of symptoms. *Archives of Disease in Childhood*, 49, 616– 620.

Edge JA, Ford-Adams ME, Dunger DB (1999). Causes of death in children with insulin dependent diabetes 1990-96. *Arch Dis Child*. Oct 1999;81(4):318-23

Edge J (2009). "BSPED Recommended DKA Guidelines 2009". British Society for Paediatric Endocrinology and Diabetes. Retrieved 2009-07-12

Eisenbarth GS (2005): Type 1 diabetes mellitus. In Joslin's Diabetes Mellitus Fourteen's edition C Ronald Kahn Gordon C Weir, George L King, Alan M Jacobson, Alan C Moses, Robert J Smith; 173:181-84

Eisenbarth GS (2007): Pathogenesis of type 1 diabetes. *J Clin Endocrinol Metabol*; 92(7): 2403-07

El Samahy MH, Adly AA, Hamid AI and Ateia H. (2007): Influence of subclinical autonomic neuropathy in the development of microalbuminuria in Type 1 Diabetics. *Egyptian J. of Pediatric*; 25(1): 175-195

Feldman JM, Lebovitz and Francine L (1973) : tests for glucosuria : an analysis of factors that give misleading results *Diabetes*, 22:115

Felner EI, Klitz W, Ham M, Lazaro AM, Stastny P and Dupont B (2005): Genetic interaction among three genomic regions creates distinct contributions to early- and late-onset type 1 diabetes mellitus. *Pediatr Diabetes*; 6(4): 213-20

- Franzesea A, Valeriob G, and Spagnuolo MI (2004)** :Management of diabetes in childhood: are children small adults? *Clinical Nutrition* 23, 293–305
- Frier BM (2008):** How hypoglycemia can affect the life of a person with diabetes. *Diabetes Metab Res Rev*; 24(2):87-92
- Froesh ER & Renold AE (1965)** Specific enzymatic determination of glucose in blood and urine using glucose oxidase. *Diabetes* 5:1 – 5
- Gallego PH, Wiltshire E and Donaghue KC (2007):** Identifying children at particular risk of long-term diabetes complications. *Pediatr Diabetes*; 8 Suppl 6: 40-8
- Genuth S (2006):** Insights from the diabetes control and complications trial/epidemiology of diabetes interventions and complications study on the use of intensive glycemic treatment to reduce the risk of complications of type 1 diabetes. *Jour.Pract. Endocr Feb*; 12 Suppl 1:34-41
- Ghaly I, Salah N, Anwar O, Hafez M, Abdel-dayme S and Talaat A (1992):** Prevalence of IDDM in Egyptian children and adolescents. *J. Arab. Child*; 3(3): 189-94.
- Gillespie K, Nolsoe R, Betin V, Kristiansen O, Bingley P and Poulsen T (2005):** Is puberty an accelerator of type I diabetes in female. *Diabetes*; 54: 1245-1248
- Gloyn AL, Pearson ER, Antcliff JF, Proks P, Bruining GJ and Slingerland AS (2004):** Activating mutations in the gene encoding the ATP-sensitive potassium-channel subunit Kir6.2 and permanent neonatal diabetes. *N Engl J Med*; 350(18): 1838-49
- Graves Patricia M., George S. Eisenbarth (1999)** : Pathogenesis, prediction and trials for the prevention of insulin-1 dependent (type 1) diabetes mellitus. *Advanced Drug Delivery Reviews* 35 (1999) 143–156
- Gruessner AC and Sutherland DE (2005):** "Pancreas transplant outcomes for United States (US) and non-US cases as reported to the United Network for Organ Sharing (UNOS) and the International Pancreas Transplant Registry (IPTR) as of June 2004". *Clin Transplant* 19 (4): 433–55.
- Haller M J , MDa, Mark A. Atkinson, PhD, Desmond Schatz, Type 1 Diabetes Mellitus (2005):** Etiology, Presentation, and Management *Pediatric Clinics of North America*, Volume 52, Issue 6, Pages 1553-1578

- Haynes A., C. Bower, M.K. Bulsara, T.W. Jones, E.A. Davis (2004)**
Continued increase in the incidence of childhood type 1 diabetes in a population-based Australian sample (1985–2002), *Diabetologia* 47 (2004) 866–870.
- Herber, S. M., & Dunsmor, I. R. (1988).** Does control affect growth in diabetes mellitus? *Acta Paediatrica Scandinavica*, 77, 303– 305
- Hershey T, Perantie DC, Warren SL, et al. (2005):** Frequency and timing of severe hypo-glycemia affects spatial memory in children with type 1 diabetes. *Diabetes Care*; 28(10): 2372-7
- Hickey D, Joshy G, Dunn P, Simmons D and Lawrenson R (2007):** Glycaemic control and antibody status among patients with newly diagnosed type 1 diabetes. *N Z Med J*; 120(1262): U2732
- Holick MF.(2004):** Vitamin D. Importance in the prevention of cancers, type I diabetes, heart disease and osteoporosis. *Am. J. Clin. Nutr.*;3: 362-71
- Honeyaman MC, Coulson BS, Stone NL, Gellert SA, Goldwater PN, Steele CE, Couper JJ, Tait BD, Colman PG and Harrison LC (2000):** Association between Rota virus infection and pancreatic islet autoimmunity in children at risk of developing type 1 diabetes. *Diabetes*; 49(8): 1319-24
- Hoshino M, Haraguchi Y, Mizushima I and Sakai M (2009):** Recent progress in mechanical artificial pancreas. *J Artif Organs*; 12(3): 141-9. Epub 2009 Sep 19.
- Hummel S, Winkler C, Schoen S, Knopff A, Marienfeld S, Bonifacio E, and Ziegler AG (2007):** Breastfeeding habits in families with type 1 diabetes. *Diabet Med*; 24(6): 671-6
- Hussey AJ, Winardi M, Wilson J, Forster N, Morrison WA, Penington AJ, Knight KR and Feeney SJ (2010):** Pancreatic Islet Transplantation Using Vascularised Chambers Containing Nerve Growth Factor Ameliorates Hyperglycaemia in Diabetic Mice. *Cells Tissues Organs*. [Epub ahead of print] PMID: 20090306
- Hyoty H, Hiltunen M, Knip M, et al. (1995):** A prospective study of the role of coxsackie B and other enterovirus infections in the pathogenesis of IDDM. Childhood Diabetes in Finland (DiMe) Study Group. *Diabetes*; 44(6): 652-7
- Imagawa A, Hanafusa T (2006):** Pathogenesis of fulminant type 1 diabetes mellitus. *Rev. Diabet stud.* Winter, 3(4):169-77

Imagawa A, Hanafusa T, Miyagawa J and Matsuzawa Y (2000): "A novel subtype of type 1 diabetes mellitus characterized by a rapid onset and an absence of diabetes related antibodies." Osaka IDDM study group. N engl Med; 342: 301-07

Infante JR, Rosenbloom AL, Silverstein JH, et al. (2001): Changes in frequency and severity of limited joint mobility in children with type 1 diabetes mellitus between 1976-78 and 1998. J Pediatr; 138(1): 33-7

International Diabetes Federation (IDF) (2006): Estimates of type 1 diabetes in children , Diabetes atlas 3rd edition., International Diabetes Federation (2006)

International Society for Pediatric and Adolescent Diabetes (ISPAD) (2007): Consensus guidelines 2007: ISPAD consensus guidelines for the management of type 1 diabetes in children and adolescents. Ed PGF Swift. Publ. Med Forum, Zeist, Netherland

International Society of Pediatric and Adolescent Diabetes ISPAD (2009): Definition, epidemiology& classification of diabetes in children and adolescents. Pediatric Diabetes; 10:3-12

Ionescu-Tirgoviste C., C. Guja, A. Calin, M. Mota (2004) : An increasing trend in the incidence of type 1 diabetes mellitus in children aged 0–14 years in Romania—ten years (1988–1997) EURODIAB study experience, J. Pediatr. Endocrinol. Metab. 17 (2004) 983–991

Ishii M, Hasegawa G, Fukui M, Obayashi H, Ohta M, O GATA m, Yoshioka K, Kitagawa Y, Nakano K, Yoshikawa T and Nakamura N (2005): Clinical and genetic characteristics of diabetic patient with high-titer (< 10.000U/ml) of antibodies to glutamic acid decarboxylase. Immunol Lett; 99(2): 180-5.

Ismail NA, Kasem OM, Abou-El-Asrar M, El-Samahy MH.(2008): Epidemiology and management of type 1 diabetes mellitus at the ain shams university pediatric hospital. J Egypt Public Health Assoc. 2008;83(1-2):107-32

Jivani, S., & Rayner, P. (1973). Does control influences the growth of diabetic children? Archives of Disease in Childhood, 48, 109– 115

John M(1975) : Clinical diabetes mellitus . Champain and Hall P.61 – 91, 42 – 60

Jones CA, Leese GP, Kerr S, et al. (1998): Development and progression of microalbuminuria in a clinic sample of patients with insulin dependent diabetes mellitus. Arch Dis Child; 78(6): 518-23

Jos, J., Meteyer, I., Farkas, D., & Oberkamp, B. (1996). Growth of children with insulin-dependent diabetes. Study of 104 cases. Archives of Pediatrics, 3, 218– 228

Jun HS. and Yoon JW. (2004): A new look at viruses type 1 diabetes ILA: 45(3): 349-74

Kakleas K, Kandyla B, Karayianni C, Karavanaki K.(2009): Psychosocial problems in adolescents with type 1 diabetes mellitus. Diabetes Metab. 2009 Nov;35(5):339-50. Epub 2009 Aug 22

Karavanaki K, Tsoka E, Liacpoulou M, Karayianni C, Petrou V, Pippidou E, Brisimitzi M, Mavrikiou M, Kakleas K and Dacous – Voutetakis C (2008): psychological stress as a factor potentially contributing to the Pathogenesis of Type 1 diabetes mellitus. J Endocrinol Invest; 31(5): 406-15

Karounos DG (2003): Current strategies for the prevention of type I and type II diabetes mellitus. In: Endotext com chapter 41, December, 16: 1-18.

Karvonen M, Viik-Kajander M, Moltchanova E, et al (2000): Incidence of type I diabetes worldwide. Diabetes Mondiale (DiaMond) Project Group. Diabetes Care 2000;23(10):1516–1526

Kaufman FR, Halvorson M and Carpenter S (1999): Association between diabetes control and visits to a multidisciplinary pediatric diabetes clinic. Pediatrics; 103(5 Pt 1): 948-51.

Kelly MA, Rayner ML, Mijovic CH, Barnett AH (2003): Molecular aspects of type 1 diabetes Mol Pathol; 56(1): 1-10

King H, Aubert RE and Herman WH (1995): Global burden of diabetes, 1995-2025. Prevalence, numerical estimates and projections

Kishiyama Christopher M. & H. Peter Chase and Jennifer M. Barker (2006) : Prevention strategies for type 1 diabetes. Rev Endocr Metab Disord (2006) 7:215–224

Kitabchi AE, Umpierrez GE, Murphy MB, Kreisberg RA (2006). "Hyperglycemic crises in adult patients with diabetes: a consensus statement from the American Diabetes Association"

Knip M (1998): Prediction and prevention of type 1 diabetes. Acta Pædiatrica Volume 87, pages 54–62, October 1998

- Koltin D and Daneman D (2008):** Dead-in-bed syndrome - a diabetes nightmare. *Pediatr Diabetes*; 9(5): 504-7
- Kronborg J, Johnsen SH, Njølstad I et al. (2007):** Proinsulin:insulin and insulin:glucose ratios as predictors of carotid plaque growth: a population-based 7 year follow-up of the Tromsø Study *Diabetologia*; 50: 1607–1614
- Lamb WH, Rosenbloom AL, Windle ML, Chrousos GP, Poth MP and Kemp S (2007):** Diabetes mellitus, type 1. [www. emedicine.com](http://www.emedicine.com)
- Lammi N, Karvonen M and Tuomilehto J (2005):** Do microbes have a causal role in type 1 diabetes? *Med Sci Monit*; 11(3): RA63-9
- Lebl, J., Schober, E., Zidek, T., et al. (2003).** Growth data in large series of 587 children and adolescents with type 1 diabetes mellitus. *Endocrine Regulations*, 37, 153– 161.
- Lecaire T, Palta M, Zhang H, Allen C, Klein R and D'Alessio D (2006):** Lower-than-expected prevalence and severity of retinopathy in an incident cohort followed during the first 4-14 years of type 1 diabetes: the Wisconsin Diabetes Registry Study. *Am J Epidemiol*; 164:143.
- Lee KH, Wucherpfennig KW, Wiley DC (2001):** Structure of a human insulin peptide/HLA-DQ8 complex and susceptibility to type 1 diabetes. *Nat Immunology*; 2(6):501-07.
- Levitt Katz LE, Swani S and Abraham M. (2005):** Neuropsychiatric disorders at the presentation of type 2 diabetes mellitus in children. *Pediatric Diabetes*; 6: 84-89.
- Mäkinen A, Härkönen T, Ilonen J and Knip M (2008):** Characterization of the humeral immune response to islet antigen 2 in children with newly diagnosed type 1 diabetes. *Eur J Endocrinol*; 159(1):19-26.
- Mallone R and Van Endert P (2008):** T cells in the pathogenesis of type 1 diabetes. *Curr Diab Rep. Apr*; 8(2): 101-6
- Marshall SM.(2004):** Recent advances in diabetic nephropathy. *Post Graduate Medical J*; 80:624633
- Miguel FC, Luz LJ and Jose M (1999):** Clinical presentation and early course of type 1 diabetes with and without thyroid autoimmunity. *Diabetes care*; 22: 377- 81.
- Monir E, Nehal MA Fahim and Faten M Ali (2005):** Cocksackie Virus RNA in peripheral blood mononuclear cells in newly diagnosed type 1 diabetic children. *Egyptian Journal of Pediatrics*; 22: 495-515

- Mohn A, Di Michele S, Di Luzio R, et al. (2002):** The effect of subclinical hypothyroidism on metabolic control in children and adolescents with Type 1 diabetes mellitus. *Diabet Med*; 19(1): 70-73
- Mohr SB, Garland CF, Gorham ED and Garland FC (2008):** The association between ultraviolet B irradiance, vitamin D status and incidence rates of type 1 diabetes in 51 regions worldwide. *Diabetologia*; 51(8): 1391
- Mysliwiec M, Balcerska A, Zirena K, Mysliwska J and Wisniewski P (2008):** Immunologic and biochemical factors of coincident celiac disease and type 1 diabetes mellitus in children. *Pediatr Res*;64(6):677-81.
- Neyestani TR, Dialali M, Pezeshki M, Siassi F, Eshraghiau MR, Raja A, Keshawariz A. (2004):** Serum antibodies to the major protein found in cow's milk of Iranian patients with type 1 diabetes mellitus. *Diabetes Nutr Metab*, 17(2): 76-83
- O'sullivan JB and Kantor N(1963):** variability of blood sugar level with an automated method. *Publ. Hlth.Rep.,wash.*, 78 : 1023
- Otto-Buczowska E, Kazibutowska Z, Soltyk J, Machnica L (2008):** Neuropathy and type 1 diabetes mellitus. *Diabet Endocrinol Rev*; 14(2):109-16
- Parving HH, Tarnow L, Nielsen FS, Rossing P, Mandrup-Poulsen T, Osterby R, et al. (1999)** Cyclosporine nephrotoxicity in type 1 diabetic patients. A 7-year follow-up study. *Diabetes Care* (1999) ;22: 478–83.
- Patterson CC, Carson DJ and Hadden DR. (1996)** Epidemiology of childhood IDDM in Northern Ireland 1989-1994: low incidence in areas with highest population density and most household crowding. Northern Ireland Diabetes Study Group. *Diabetologia*; 39(9): 1063-9
- Penfold, J., Chase, H. P., Marshall, G., Walravens, C. F., Walravens, P. A., & Garg, S. K. (1995).** Final adult height and its relationship to blood glucose control and microvascular complications in IDDM. *Diabetic Medicine*, 12, 129– 133
- Petrovsky N and Schatz DA (2003):** The immunology of human type 1 diabetes. In Pickup JC and Williams G (eds). *Text Book of Diabetes*. Third edition. Oxford: Black-Well Science; ch 18
- Pihoker C, Forsander G, Wolfsdorf J and Klingensmith GJ (2008):** The delivery of ambulatory diabetes care: structures, processes, and outcomes of ambulatory diabetes care. *Pediatr Diabetes*; 9(6):609-20.

- Pillar G, Schusheim G, Weiss R, Malhotra A, Mc Cowen KC, Shlitner A, Peled N and Shehaeh N (2003):** Interactions between hypoglycemia and sleep architecture in children in with type 1 diabetes mellitus. *J Pediatr.* Feb; 142(2):163-68
- Pirot P, Cardozo AK and Eizirik DL (2008):** Mediators and mechanisms of pancreatic beta-cell death in type 1 diabetes. *Arq Bras Endocrinol Metabol;* 52(2):156-65
- Pitukcheewanont, P., Alemzadeh, R., Jacobs, W. R., Jones, B. H., & Eberle, A. J. (1995).** Does glycemic control affects growth velocity in children with insulin-dependent diabetes mellitus. *Acta Diabetologica*, 32, 148– 152.
- Popova VV, Mel'nichenko SV, Lukashova RG, Man'kovskiĭ BI and Zak KP (2003):** Content of different cytokines in the blood of healthy children and their siblings who are either positive or negative for diabetes- associated autoantibodies (GADA, 1A-2A, IAA). *Lik Sprava;* (8):26-29
- Price, D. E., & Burden, A. C. (1992).** Growth of children before onset of diabetes. *Diabetes Care*, 15, 1393–1395
- Pugliese A, Kawasaki E, Zeller M, Yu L, Babu S, Solimena M (1999):** Sequence analysis of the diabetes-protective human leukocyte antigen-DQB1*0602 allele in unaffected, islet cell antibody-positive first degree relatives and in rare patients with type 1 diabetes. *J Clin Endocrinol Metab.* 1999 May;84(5):1722-8
- Raine JE, Donaldson MDC, Gregory JW and Savage MO. (2001):** Diabetes mellitus. In *practical endocrinology and diabetes*. Black well science LTD. U.K. Chapter 1: 1-28
- Ramaiya KL, Kodali VRR and Alberti KGMM (1990):** Epidemiology of diabetes in Asians of the Indian sub-continent. *Diabetes Metab Rev;* 6:125-46
- Ramin A and David TW (2007):** "Diabetes mellitus" In *Nelson textbook of pediatric* 18th edition. Behrman RA, Kliegman RM and Jenson HB (eds). Saunders; 1947-72
- Ratazan SK (1996):** Endocrine and metabolic disorders. *NMS Pediatrics* 3rd ed. Ch 17 pp.523-28
- Raz Itamar, Roy Eldor and Yaakov Naparstek (2005) :** Immune modulation for prevention of type 1 diabetes mellitus *Trends in Biotechnology* Vol.23 No.3 March (2005)

Redondo M J , Marian Rewers, Liping Yu, Satish Garg (1999), Genetic determination of islet cell autoimmunity in monozygotic twin, dizygotic twin, and non-twin siblings of patients with type 1 diabetes: prospective twin study *BMJ* 1999; 318 : 698 (Published 13 March 1999)

Remein QR (1959) A current estimate of prevalence of diabetes mellitus in the united states . *Ann.N.YAcad.sci.* 82:229 - 35

Rewers M, Pihoker C, Donaghue K, Hanas R, Swift P, Klingensmith GJ (2007): ISPAD: Assessment and monitoring of glycemic control in children and adolescents with diabetes. *Pediatric Diabetes*; 8:408-18

Robertson K, Adolfsson P, Riddell MC, Scheiner G and Hanas R (2008): Exercise in children and adolescents with diabetes. *Pediatr Diabetes*; 9(1): 65-77.

Sáez FJ, Granja BV, Ferrari PJM and Valero ZMA (2008): Types of insulin therapy. *Rev Clin Esp*; 208(2):76-86

Salem M, Monir E, El-Badawy N and Marzouk D (1998): Antibodies to Glutamic Acid Decarboxylase (GAD) in IDDM. The 16th Congress of Egyptian Society of applied endocrinology

Salem M, Bahader S, Shehata MH, El Habashy SA and Halawa HM (1999): Hypoglycemic attacks in children with type 1 diabetes mellitus: frequency

Salem M, El Sawi MA, Ibrahim WE, Abdel Aziz MM, Abdo KM and Ragab IAM. (2007): Vitamin D receptor gene polymorphism and susceptibility to T1DM and its complications in Egyptian children. *Egyptian J. OD Pediatrics*; 84(1):1-25

Salerno, M., Argenziano, A., Di Maio, S., Gasparini, N., Formicola, S., De Filippo, G., & Tenore, A. (1997). Pubertal growth, sexual maturation, and final height in children with IDDM. Effects of age at onset and metabolic control. *Diabetes Care*, 20, 721– 724.

Salma G (2003): "Type 1 diabetes mellitus: an overview." In Pickup JC. And Williams G (eds). *Textbook of Diabetes*. Third Edition. Vol. 1: Black- well Ch3

Schmidt D, Verdaguer J, Averill N, Santamaria P (1997): A mechanism for the major histocompatibility complex linked resistance to autoimmunity. *JExp Med*; 186:1059-75

Siebenhofer A, Plank J, Berghold A, et al. (2004): Short acting insulin analogues versus regular human insulin in patients with diabetes mellitus. Cochrane Database Syst Rev; CD003287

Silverstein J, Klingensmith G, Copeland K, Plotnick L, Kaufman F, Laffel L, Deeb L, Grey M, Anderson B, Holzmeister LA and Clark N (2005): Care of children and adolescents with type 1 diabetes: a statement of the American Diabetes Association. Diabetes Care; 28:186-12

Skyler JS, Krischer JP, Wolfsdorf J, Cowie C, Palmer JP, Greenbaum C, Cuthbertson D, Rafkin-Merviel E, Chase HP and Leschek E (2005): Effects of oral insulin in relatives of patients with type 1 diabetes: The diabetes prevention trial type 1. Diabetes Care; 28:1068-76.

Slama G (2003): Type I diabetes: An overview. In: Pickup JC and Williams G (eds). Text book of diabetes. Third edition, Vol. I Blackwell Chapter 3.

Soltesz G, Patterson CC, Dahlquist G (2007): Worldwide childhood type 1 diabetes incidence what can we learn from epidemiology? Pediatric Diabetes volume 8 Supp.6, Type 1 diabetes in children: current challenges; P: 6-14

Soman S.S., Soman A.S. Rao T.K.S. (2006) Diabetic nephropathy. eMedicine: <http://www.emedicine.com/med/TOPIC549.HTM>.

Song H., Sasanka Ramanadham, Shunzhong Bao, Fong-Fu Hsu, Sheng Zhang, Zhongmin Ma, Chun Jin, and John. (2004): Turk Diabetes. Islet Complex Lipids: Involvement in the Actions of Group VIA Calcium-Independent Phospholipase A2 in β -Cells 53: S179-185

Songer, T. J., La Porte, R. E., Tajima, N., et al. (1986). Height at diagnosis of insulin-dependent diabetes in patients and their non-diabetic family members. British Medical Journal, 292, 1419– 1422.

Soria J, Garagorri MJ, Rodríguez M, Larrad L, and Elizalde M (2008) Epidemiology and genetic risk of type 1 diabetes among children in Aragon community, Spain Diabetes research and clinical practice 97 (2008) 112 - 116

Sperling MA (2000): Diabetes mellitus. In: Nelson textbook of pediatric. Behrman RE, Kliegman RM and Jenson HB (eds). 16th edition WB saunders; 1767-91.

Spirer Z, Weisman J, Yurman S, Bogair N, (1974) : hyperglycemia and convulsions in children. Arch.Dis.Child, 49:811

Stevenson A, Bowyer F.P. (1970) : hyperglycemia with hyperosmolal dehydration in non – diabetic infants. J pediat.suppl,177:818

- Stipancic G., L. La Grasta Sabolic , M. Malenica , A. Radica ,V. Skrabic M. Kujundzic Tiljak (2008) :** Incidence and trends of childhood Type 1 diabetes in Croatia from 1995 to 2003. *Diabetes research and clinical practice* 80 (2008) 122 - 127
- Taplin GE and Barker JM (2008):** Autoantibodies in type 1 diabetes. *Auto Immunity*; 41(1):11-18.
- Tenconi MT, Devoti G, Comelli M, Pinon M, Capocchiano A, Calcaterra V, Pretti G, Pavia T1DM Registry Group (2007):** Major childhood infectious diseases and other determinants associated with type 1 diabetes: a case-control study. *Acta Diabetol*; 44(1):14-9
- Toso C, Isse K, Demetris AJ, Dinyari P, Koh A, Imes S, Kin T, Emamaullee J, Senior P and Shapiro AM (2009):** Histologic graft assessment after clinical islet transplantation Clinical Islet Transplant Program, University of Alberta, Edmonton, AB, Canada. *christian.toso@hcuge.ch* 15; 88(11): 1286-93.
- Vanderwerf N, Kroese FG, Rozing J and Hillebrands JL (2007):** Viral infections as potential triggers of type 1 diabetes. *Diabetes Metab Res Rev*; 23(3):169-83.
- Vendrame F, Pileggi A, Laughlin E, Allende G, Martin-Pagola A, Molano RD and Diamantopoulos S (2010):** Simultaneous Pancreas-Kidney Trans-plantation, despite Immunosuppression, Associated with Autoantibodies and Pathogenic Autoreactive CD4 T-cells.
- Wang H, Dmitry MS, Tobias L, Michael H, Qiliang L, Thalia P, George S and André L (2005):** A capsid-modified helper-dependent adenovirus vector containing the beta-globin locus control region displays a nonrandom integration pattern and allows stable erythroid-specific gene expression. *Journal of Virology*; 79 (17): 10999–11013.
- Wilkin TJ (2001):** The accelerator hypothesis: weight gain as the missing link between Type I and Type II diabetes. *Diabetol*; 44 (7): 914-22
- Winter WE and Schatz D. (2003):** Prevention strategies for type I diabetes mellitus: current status and future directions. *Bio. Drugs*; 17(1): 39-64
- Wolfsdorf J, Craig ME, Daneman D, Dunger D, Edge J, Lee WRW, Rosenblom A, Sperling MA and Hanas R (2007):** Diabetic Ketoacidosis *Pediatric Diabetes* .(8) :28-42

Yechoor V, Liu V, Paul A, Lee J, Buras E, Ozer K, Samson S and Chan L (2009): Gene therapy with neurogenin 3 and betacellulin reverses major metabolic problems in insulin-deficient diabetic mice. *Endocrinology*; 150(11): 4863-73

Yu L, Brewer KW, Gates S, Wang T, Babu S, Gottlieb PA (1999): DRBI*04 and DQ alleles: expression of 21- hydroxylase auto antibodies and risk of progression to Addison's disease. *J Clin Endocrinol Metab*; 84 (1): 328-335.

Zachrisson, I., Brismar, K., Hall, K., Wallensteen, M., & Dahlqvist, G. (1997). Determinants of growth in diabetic pubertal subjects. *Diabetes Care*, 20, 1261–1265

Ziegler D, Ametov A, Barinov A, Dyck PJ, Gurieva I, Low PA, Munzel U, Yakhno N, Raz I, Novosadova M, Maus J and Samigullin R (2006): Oral treatment with alpha-lipoic acid improves symptomatic diabetic polyneuropathy: the SYDNEY 2 trial. *Diabetes Care*; 29:2365–70

Zimmet P (1992): Challenges in diabetes epidemiology - from West to the rest. *Diabetes Care*; 15: 232-52