

**CCGC/CDPHE Gestational Diabetes Guideline 2006
Literature List**

American College of Obstetricians and Gynecologists, Committee on Practice Bulletins-Obstetrics 2001, Coustan, DR. Gestational Diabetes ACOG Practice Bulletin #30 2001: Washington: American College of Obstetricians and Gynecologists.

American Diabetes Association. Standards of Medical Care in Diabetes. Diabetes Care 2005; 28, Suppl 1.

American Diabetes Association. Gestational Diabetes Mellitus. Diabetes Care 2004; 27, Suppl 1.

American Diabetes Association. Gestational Diabetes Mellitus. Diabetes Care 2003; 26, Suppl 1.

American Diabetes Association. Standards of Medical Care for Patients with Diabetes Mellitus. Diabetes Care 2003; 26, Suppl 1.

American Dietetic Association. Nutrition Practice Guidelines for Gestational Diabetes Mellitus. 2001.

American Diabetes Association Clinical Education Series, Medical Management of Pregnancy Complicated by Diabetes, Third Edition, Lois Jovanovic, MD, Editor in Chief, 2000.

California Diabetes & Pregnancy Programs, Guidelines for Care, State Program Guide. Maternal & Child Health Branch, Department of Health Services, State of California, 2002.

Utah Diabetes Prevention and Control Program. (2005, June). Diabetes in Pregnancy. Utah Diabetes Practice Recommendations. Salt Lake City, UT: Utah Department of Health.

Metzger, BE, Nelson, LT, Niznik, C, Dooley SL. (2006). "Update on gestational diabetes." Women's Health 2 (2): 211-16.

Crowther, CA.et al. (2005). "Effect of treatment of gestational diabetes mellitus on pregnancy outcomes." N Engl J Med 352: 2477-86.

Dabelea, D. et al. (2005). "Increasing prevalence of gestational diabetes mellitus over time and by birth cohort." Diabetes Care 28 (3): 579-84.

Screening

Legro, RS, Gnatuk, CL, Kunselman, AR, Dunaif, A. (2005). "Changes in glucose tolerance over time in women with polycystic ovary syndrome: a controlled study." J Clin Endocrinol Metab **90** (6): 3236-42.

Naylor, CD, Sermer, M, Chen, E, Farine, D, for the Toronto Trihospital Gestational Diabetes Project Investigators. (1997). "Selective screening for gestational diabetes mellitus." N Engl J Med: 1591-6.

Danilenko-Dixon, DR, Winter, V, Nelson, RL, Ogburn, PL. (1999). "Universal versus selective gestational diabetes screening: Application of 1997 American Diabetes Association recommendations." Am J Obstet Gynecol **81**: 798-802.

U.S. Preventive Services Task Force. Screening for Gestational Diabetes Mellitus: Recommendations and Rationale. <http://www.preventiveservices.ahrq.gov/> February 2003.

Diagnosis

Basic Guidelines for Diabetes Care Packet, Developed by the Diabetes Coalition of California and the California Diabetes Prevention and Control Program, 2003-04.

South Dakota Gestational Diabetes Care Guidelines, <http://diabetes.sd.gov/GestGuide-sd-rev1.pdf> 2003.

Medical Nutrition Therapy

Joslin Diabetes Center and Joslin Clinic Guideline for Detection and Management of Diabetes in Pregnancy, June 2003.

Saldana, TM, Siega-Riz, AM, Adair, LS. (2004). "Effect of macronutrient intake on the development of glucose intolerance during pregnancy." Am J Clin Nutr **79** (3): 479-86.

Physical Activity

Sweet Success Express, Guidelines At A Glance for Pregnancies Complicated by Gestational Diabetes Mellitus.

Blood Glucose Monitoring

New Hampshire Guidelines for Gestational Diabetes Care, 2002.

Ben-Haroush, A, Yogeve, Y, Chen, R, Rosenn, B, Hod, M, Langer, O. (2004). "The postprandial glucose profile in the diabetic pregnancy." Am J Obstet Gynecol **191**: 576-81.

Medication Management

Chmait R, Dinise T, Moore T. (2004). "Prospective observational study to establish predictors of glyburide success in women with gestational diabetes mellitus." J Perinatol **24** (10): 617-22.

Conway DL, Gonzales O, Skiver D. (2004). "Use of glyburide for the treatment of gestational diabetes: the San Antonio experience." J Matern Fetal Neonatal Med **15** (1): 51-5.

Elliott, BD, Langer, O, Schenker, S, Johnson, R. (1991). "Insignificant transfer of glyburide occurs across the human placenta." Am J Obstet Gynecol **165**: 807-12.

Elliott, BD, Schenker, S, Langer, O, Johnson, R, Prihoda, T. (1994). "Comparative placental transport of oral hypoglycemic agents in humans: A model of human placental drug transfer." J Obstet Gynecol **171**: 653-60.

Greene, MF. (2000). "Oral hypoglycemic drugs for gestational diabetes." N Engl J Med **343** (16): 1178-1179.

Jacobson, GF, Ramos, GA, Ching, JY, Kirby, RS, Ferrara, A, Field, DR. (2005). "Comparison of glyburide and insulin for the management of gestational diabetes in a large managed care organization." Am J Obstet Gynecol **193** (1): 118-24.

Jakubowicz, DJ. et al. (2002). "Effects of Metformin on early pregnancy loss in the polycystic ovary syndrome." J Clin Endocrinol Metab **87** (2): 524-9.

Kahn, BF, Davies, JK, Lynch, AM, Reynolds, RM, Barbour, LA. (2006). "Predictors of glyburide failure in treatment of gestational diabetes." Obstet Gynecol **107** 6: 1303-9.

Koren, G. (2001). "The Use of Glyburide in Gestational Diabetes – An Ideal Example of "Bench to Bedside". Pediatr Res **49** (6): 734.

Kremer, CJ, Duff, P. (2004). "Glyburide for the treatment of gestational diabetes." Am J Obstet Gynecol **190**: 1438-9.

Langer, O. et al. (2000). "A comparison of glyburide and insulin in women with gestational diabetes mellitus." N Engl J Med **343**: 1134-8.

Langer, O. (2002). "Oral hypoglycemic agents in pregnancy: their time has come." J Maternal-Fetal Neonatal Med **12**: 376-383.

Langer, O. (2002). "Oral hypoglycemic agents and the pregnant diabetic: From bench to bedside." Seminars in Perinatology **26** (3): 215-224.

Metzger, Boyd "Update on gestational diabetes – 5th International Workshop-Conference on Gestational Diabetes." Women's Health 2006; 2(2): 211-216.

Palomba, S, Orio, F, Falbo, A, Manguso, F, Russo, T. et al. (2005). "Prospective parallel randomized, double-blind, double-dummy controlled clinical trial comparing clomiphene citrate and metformin as the first-line treatment for ovulation induction in nonobese anovulatory women with polycystic ovary syndrome." J Clin Endocrinol Metab **90**: 4068-74.

Pettit, DJ, Ospina, P, Kolaczynski, JW, Jovanovic, L. (2003). "Comparison of an insulin analog, insulin aspart, and regular human insulin with no insulin in gestational diabetes mellitus." Diabetes Care **26** (1):183-6.

Piacquadio, K, Hollingsworth, DR, Murphy, H. (1991). "Effects of in-utero exposure to oral hypoglycaemic drugs." Lancet **338**: 866-69.

Slocum, JM, Burke, ME. (2002). "Use of antidiabetes agents in pregnancy: Current practice and controversy." J Perinatal Neonatal Nurs **16** (2): 40-53.

Towner, D. et al. (1995). "Congenital malformations in pregnancies complicated by NIDDM." Diabetes Care **18** (11): 1446- 1451.

Wyatt, JW. et al. (2005). "Congenital anomaly rate in offspring of mothers with diabetes treated with insulin lispro during pregnancy." Diabet Med **22** (6): 803-7.

Prenatal Surveillance

Bonomo, M. et al. (2004). "Flexible treatment of gestational diabetes modulated on ultrasound evaluation of intrauterine growth: a controlled randomized clinical trial." Diabetes Metab **30** (3): 237-44.

Buchanan, TA. et al. (1994). "Use of fetal ultrasound to select metabolic therapy for pregnancies complicated by mild gestational diabetes." Diabetes Care **17** (4): 275-83.

Kjos, SL. et al. (2001). "A randomized controlled trial utilizing glycemic plus fetal ultrasound parameters vs. glycemic parameters to determine insulin therapy in gestational diabetes with fasting hyperglycemia." Diabet Med **24**: 1904-10.

Schaefer-Graf, UM, Kjos, SL, Buhling, KJ. et al. (2003). "Amniotic fluid insulin levels and fetal abdominal circumference at time of amniocentesis in pregnancies with diabetes." Diabet Med **20** (5): 349-54.

Schaefer-Graf, UM, Kjos, SL, Fauzman, OH. et al. (2004). "A randomized trial evaluating a predominately fetal growth-based strategy to guide management of gestational diabetes in Caucasian women." Diabetes Care **27** (2): 297-302.

Labor and Delivery Management

Kjos, SL, Henry, OA, Montoro, M, Buchanan, TA, Mestman, JH. (1993). "Insulin requiring diabetes in pregnancy: a randomized trial of active induction of labor and expectant management." Am J Obstet Gynecol **169**: 611-15.

Kjos, SL, Walther, FJ, Montoro, M, Paul, RH, Diaz, F, Stabler, M.(1990). "Prevalence and etiology of respiratory distress in infants of diabetic mothers: predictive value of fetal lung maturation tests." Am J Obstet Gynecol **163** (3): 989-903.

Postpartum Follow-up

Barbour, LA. (2003). "New concepts in insulin resistance of pregnancy and gestational diabetes: long-term implications for mother and offspring." J Obstet Gynecol **23** (5): 545-9.

Briggs, GG, Ambrose, PJ, Nageotte, MP, Padilla, G, Wan, S. (2005). "Excretion of Metformin into breast milk and the effect on nursing infants." Obstet Gynecol **105** (6): 1437-41.

Dabelea, D, Knowler, WC, Pettitt, DJ. (2000). "Effect of diabetes in pregnancy on offspring: follow-up research in the Pima Indians." J Matern Fetal Med **9** (1): 83-8.

Dewey, KG. (2003). "Is breastfeeding protective against childhood obesity?" J Human Lactation **19** (1): 9-18.

Feig, DS. et al. (2005). "Transfer of glyburide and glipizide into breast milk." Diabetes Care **28** (8): 1851-5.

Kim, C, Newton, KM, Knopp, RH. (2002). "Gestational diabetes and the incidence of type 2 diabetes: a systematic review." Diabetes Care **25** (10): 1862-8.

Lauenborg, J. et al. (2004). "Increasing incidence of diabetes after gestational diabetes: a long-term follow-up in a Danish population." Diabetes Care **27** (5): 1194-9.

Radaelli, T, Varastehpour, A, Catalano, P, Hauguel-de Mouzon, S. (2003). "Gestational diabetes induces placental genes for chronic stress and inflammatory pathways." Diabetes **52** (12): 2951-8.

Salsberry, PJ, Reagan, PB.(2005). "Dynamics of early childhood overweight." Pediatrics

116 (6): 1329-38.

Schaefer-Graf, UM, Hartmann, R, Pawliczak, J, Passow, D, Abou-Daku, M, Vetter, K, Kordonouri, O. (2006). "Association of Breastfeeding and Early Childhood Overweight in Children From Mothers With Gestational Diabetes Mellitus". Diabetes Care **29** 1105-07.

Silverman, BL, Metzger, BE, Cho, NH, Loeb, CA. (1995). "Impaired glucose tolerance in adolescent offspring of diabetic mothers. Relationship to fetal hyperinsulism." Diabetes Care **18** (5): 611-7.

Pre-existing Diabetes Mellitus

Cooper WO, Hernandez-Diaz S, Arbogast PG, Dudley JA, Dyer S, Gideon PS, Hall K, Ray WA. (2006). "Major Congenital Malformations after First-Trimester Exposure to ACE Inhibitors." N Engl J Med **354**: 2443-51.