

7. LITERATURVERZEICHNIS

American College of Obstetricians and Gynecologists (2001):

Gestational Diabetes.

ACOG Practice Bulletin No. 30

Int J Obstet Gynecol 98: 525- 538

American Diabetes Association (2000):

Gestational Diabetes mellitus.

Diabetes Care 23, Suppl. 1: S77- 79

Banks WA, Kastin AJ, Huang W, Jaspan JB, Maness LM (1996):

Leptin enters the brain by a saturable system independent of insulin.

Peptides 17: 305- 311

Buchanan TA, Kjos SL et al. (1994):

Use of fetal ultrasound to select metabolic therapy for pregnancies complicates by mild gestational diabetes.

Diabetes Care 17(4): 275 - 283

Campfield LA, Smith FJ, Burn P (1996):

The OB protein (leptin) pathway – a link between adipose tissue mass and central neural networks.

Horm Metab Res 28: 619- 632

Caro JF, Sinha MK, Kolaczynski JW, Zhang PL, Considine RV (1996 a).

Leptin: the tale of an obesity gene.

Diabetes 45: 1455- 1462

Caro JF, Kolaczynski JW, Nyce MR, et. al (1996 b):

Decreased cerebrospinal fluid/ serum leptin ratio in obesity: a possible mechanism for leptin resistance.

Lancet 348: 159- 161

Carpenter MW, Coustan DR (1982):

Criteria for screening tests for gestational diabetes.

Am J Obstet Gynecol 144: 768- 773

Castellucci M, deMatteis R, Meisser A, Canello R, Monsurro V, Islami D et al. (2000):

Leptin modulates extracellular matrix molecules and metalloproteinases: possible implications for trophoblast invasions.

Mol Hum Reprod 6: 951 – 958.

Chehab FF, Lim ME, Lu R (1996):

Correction of the sterility defect in homozygous obese female mice by treatment with the recombinant leptin.

Nat Genet 12: 318- 320

Chen H, Charlat O, Tartaglia LA, et al. (1996):

Evidence that the diabetes gene encodes the leptin receptor: identification of a mutation in the leptin receptor gene in db/ db mice.

Cell 84: 491- 495

Clement K, Garner C, Hager J, et al. (1996):

Indication for linkage of the human OB gene region with extreme obesity.

Diabetes 45: 687- 680

Clement K, Valsse C, Lahiou N, et al. (1998):

A mutation in the leptin receptor gene causes obesity and pituitary dysfunction.

Nature 392: 398- 401

Considine R, Sinha MK, Heiman ML et al. (1996):

Serum immunoreactive- leptin concentrations in normal- weight and obese humans.

N Engl J Med 334: 292- 295

Dagogo- Jack S, Fanelli C, Paramore D, Brothers J, Landt M (1996):

Plasma leptin and insulin relationships in obese and nonobese humans.

Diabetes 45: 695- 698

Damm P (1998):

Pathogenese des Gestationsdiabetes und Langzeitrisiken für die mütterliche Gesundheit.

Gynäkologe 31: 144- 153

Deutsche Diabetesgesellschaft (2001):

Empfehlungen zu Diagnostik und Therapie des Gestationsdiabetes.

Frauenarzt 42: 891- 899

Eckert JE, Gatford KL, Luxford BG; Campbell RG, Owens PC (2000):

Leptin expression in offspring is programmed by nutrition in pregnancy.

J Endocrinol 165 (3): R 1- 6

Elmquist JK, Ahima RS, Maratos- Flier E, et al. (1997):

Leptin activates neurons in ventrobasal hypothalamus and brainstem.

Endocrinology 138: 839- 842

Gross GA, Solenberger T, Philpott T, Holcomb WL Jr, Landt M (1998):

Plasma leptin concentrations in newborns of diabetic and nondiabetic mothers.

Am J Perinat 15: 243- 247

Hamilton BS, Paglia D, Kwan AYM, Deitel M (1995):

Increased obese mRNA expression in omental fat cells from massively obese humans.

Nature Med 1: 953- 956

Hansmann M (1976):

Ultraschallbiometrie im 2. und 3. Trimester der Schwangerschaft.

Gynäkologe 9: 133

Hauguel- de Mouzon S, Lepercq J, Catalano P (2006):

The known and unknown of leptin in pregnancy.

Am J Obst Gyn 194(6): 1537 – 1545

Helland IB, Reseland JE, Saugstad OD, Drevon CA (1998):

Leptin levels in pregnant women and newborn infants: gender differences and reduction during the neonatal period.

Pediatrics 101: E 12

Houseknecht KL, Mantzoros C, Kuliawat R, Hadro E, Flier J, Kahn BB (1996):

Evidence for leptin binding to proteins in serum of rodents and humans: modulation with obesity.

Diabetes 45: 1638- 1643.

Kautzky- Willer A, Pacini G, Tura A, Biegelmayer C, Schneider B, Ludvik B, Prager R, Waldhäusl W (2001):

Increased plasma leptin in gestational diabetes.

Diabetologia 44: 164- 172

Kellerer M, Lammers R, Fritsche A, Strack V, Machicao F, Borboni P, Ullrich A, Häring HU (2001):

Insulin inhibits leptin receptor signalling in HEK293 cells at the level of janus kinase-2: a potential mechanism for hyperinsulinaemia- associated leptin resistance.

Diabetologia 44: 1125- 1132

King JC, Butte NF, Bronstein M, Kopp L, Lindquist SA (1994):

Energy metabolism during pregnancy: influence of maternal energy status.

Am J Clin Nutr 59 (Suppl.): 439S- 445S

Kjos SL, Schaefer- Graf U, Sardesi S, Peters RK, Buley A, Xiang AH, Bryne JD, Sutherland C, Montoro MB, Buchanan TA (2001):

A randomized controlled trial using glycemic plus fetal ultrasound parameters versus glycemic parameters to determine insulin therapy in gestational diabetes with fasting hyperglycemia.

Diab Care 24: 1904- 1910

Kjos SL, Buchanan TA (1999):

Current concepts: gestational diabetes mellitus.

N Engl J Med 341: 1749- 175

Koistinen HA, Koivisto VA, Andersson S, Karonen SL, Kontula K, Oksanen L, Teramo KA (1997):

Leptin concentration in cord blood correlates with intrauterine growth.

J Clin Endocrinol Metabol 82: 3328- 3330

Kolaczynski JW, Nyce MR, Considine RV, Boden G, Nolan JJ, Henry R, Mudaliar SR, Olefsky J, Caro JF (1996 a):

Acute and chronic effect of insulin on leptin production in humans.

Diabetes 45: 699- 701

Kolaczynski JW, Considine RV, Ohannesian J, Marco C, Opentanova I, Nyce MR, Myint M, Caro JF (1996 b):

Responses of leptin to short term fasting and refeeding in humans: a link with ketogenesis but not ketones themselves.

Diabetes 45: 1511- 1515

Leipold H (2000):

Gestationsdiabetes – eine oft unerkannte Erkrankung in der Schwangerschaft.

Speculum 20(1): 13 - 17

Lepercq J, Lahlou N, Timsit J, Girard J, Hauguel-de Mouzon S (1999):

Macrosomie revisited: ponderal index and leptin delineate subtypes of fetal overgrowth.

Am J Obstet Gynecol 181: 621- 625

Lepercq J, Cauzac M, Lahlou N, Timsit J, Girard J, Auwerx J, Hauguel- de Mouzon S (1998):

Overexpression of leptin in diabetic pregnancy: A critical role for insulin.

Diabetes 47: 847- 849

Leroy P, Dessolin S, Villageois P, Moon BC, Friedman JM, Ailhaud G, Dani C (1996):

Expression of ob gene in adipose cells.

J Biol Chem 271: 2365- 2368

Lewandowski K, Horn R, O'Callaghan CJ, Dunlop D, Medley GF, O'Hare P, Brabant G (1999):

Free leptin, bound leptin, and soluble leptin receptor in normal and diabetic pregnancies.

J Clin Endocrinol Metab 84: 300- 306

Lewandowski K, Randeve HS, O'Callaghan CJ, Horn R, Medley GF, Hillhouse EW, Brabant G, O'Hare P (2001):

Effects of insulin on the leptin system are mediated through free leptin.

Clin Endocrinol 55: 281

Licino J, Mantzoros C, Negrao AB et al. (1997):

Human leptin levels are pulsatile and inversely related to pituitary- adrenal function.

Nat Med 3: 575- 579

Linnemann K, Malek A, Sager R, Blum WF, Schneider H, Fusch C (2000):

Leptin production and release in the dually in vitro perfused human placenta.

J Clin Endocrin Metab 11: 4298 – 4301

MacNeill S, Dodds L, Hamilton DC, Armson BA, VandenHof M (2001):

Rates and risk factors for recurrence of gestational diabetes.

Diabetes Care 24: 659- 662

Maffei M, Volpe L, Di Cianni G, Bertacca A, Ferdeghini M, Murru S, Teri G, Casadidio I, Cecchetti P, Navalesi R, Benzi L (1998):

Plasma leptin levels in newborns from normal and diabetic mothers.

Horm Metab Res 30: 575- 580

Major CA, deVeciana M, Weeks J, Morgan MA (1998):

Recurrence of gestational diabetes: Who is at risk?

Am J Obstet Gynecol 179: 1038- 1042

Mantzoros CS, Flier JS, Rogol AD (1997):

A longitudinal assessment of hormonal and physical alterations during normal puberty in boys vs rising leptin levels may signal the onset of puberty.

J Clin Endocrinol Metab 82: 1066- 1070.

Masuzaki H, Ogawa Y, Sagawa N, Hosoda K, Matsumoto T, Mise H, Nishimura H, Yoshimasa Y, Tanaka I, Mori T, Nakao K (1997):

Nonadipose tissue production of leptin: leptin as a novel placenta- derived hormone in humans.

Nat Med 9: 1029- 1033

Metzger BE, Coustan DR (1998):

Summary and recommendations of the fourth international workshop- conference on gestational diabetes mellitus.

Diabetes Care 21, Suppl. 2: B161- 167

Montague CT, Farooqi IS, Whitehead MH, et al. (1997):

Congenital leptin deficiency is associated with severe early- onset obesity in humans.

Nature 387: 903- 907

Okereke N, Huston- Presley L, Amini S, Kalhan S, Ctalano P (2004):

Longitudinal changes in energy expenditure and body composition in obese women with normal and impaired glucose tolerance on cord leptin concentration.

Am J Physiol Endocrinol Metab 287: E472 – 479

Papaspyrou- Rao S, Schneider SH, Petersen RN, et al. (1997):

Dexamethasone increases leptin production in humans.

J Clin Endocrinol Metab 82: 1635- 1637

Persson B, Hanson U (1998):

Neonatal morbidities in gestational diabetes.

Diab Care 21, Suppl. 2: B79- B 84

Rosenbaum M, Nicolson M, Hirsch J, et al. (1996):

Effects of gender, body composition, and menopause on plasma concentrations of leptin.

JCEM 81: 3424- 3427

Sattar N, Greer IA, Pirwani I, Gibson J, Wallace AM (1998):

Leptin levels in pregnancy: marker for fat accumulation and mobilization?

Acta Obstet Gynecol Scand 77: 278- 283

Schaefer UM, Songster G, Xiang A, Berkowitz K, Buchanan TA, Kjos SL (1997):

Congenital malformations in offspring of women with hyperglycemia first detected during pregnancy.

Am J Obstet Gynecol Vol. 177, Number 5: 1166- 1171

Schaefer- Graf UM, Kjos SL (2004):

A randomized trial evaluating a predominantly fetal growth- based strategy to guide management of gestational

diabetes in Caucasian women.

Diabetes care 27(2): 297 – 302.

Schaefer- Graf (2005):

Birth weight and parental BMI predict overweight in children from mothers with gestational diabetes mellitus.

Diabetes Care 28(7): 1745 - 1750

Schubring C, Kiess W, Englaro P, Rascher W, Dötsch J, Hanitsch S, Attanasio A, Blum WF (1997):

Levels of leptin in maternal serum, amniotic fluid, and arterial and venous cord blood: relation to neonatal and placental weight.

J Clin Endocrinol Metab 82: 1480- 1483

Schubring C, Englaro P, Siebler T, Blum WF, Demirakca T, Kratzsch J, Kiess W (1998):

Longitudinal analysis of maternal serum leptin levels during pregnancy, at birth and up to six weeks after birth: relation to body mass index, skinfolds, sex steroids and umbilical cord blood leptin levels.

Horm Res 1998 50 (5): 276- 283

Schubring C, Prohaska F, Prohaska A, Englaro P, Blum W, Siebler T, Kratzsch J, Kiess W (1999):

Leptin concentrations in maternal serum and amniotic fluid during the second trimester: differential relation to fetal gender and maternal morphometry.

Eur J Obstet Gynecol Reprod Biol 86: 151- 157

Schubring C, Siebler T, Kratzsch J, Englaro P, Blum WF, Triep K, Kiess W (1999):

Leptin serum concentrations in healthy neonates within the first weeks of life: relation to insulin and growth hormone levels, skinfold thickness, body mass index and weight.

Clin Endocrinol 51: 199 - 204

Segal KR, Landt M, Klein S (1996):

Relationship between insulin sensitivity and plasma leptin concentration in lean and obese men.

Diabetes 45: 988- 991

Señaris R, Garcia- Caballero T, Casabiell X, Gallego R, Castro R, Considine RV, Dieguez C, Casanueva FF (1997):

Synthesis of leptin in human placenta.

Endocrinology 138: 4501- 4504

Sermer M, Naylor CD, Gare DJ, Kenshole AB, Ritchie JWK, Farine D, Cohen HR, McArthur K, Holzapfel S, Biringer A, Chen E (1995):

Impact of increasing carbohydrate intolerance on maternal- fetal outcomes in 3637 women without gestational diabetes.

Am J Obstet Gynecol 173: 146- 156

Shekhawat PS, Garland JS, Shivpuri C, Mick GJ, Sasidharan P, Pelz CJ, McCormick KL (1998):

Neonatal cord blood leptin: its relationship to birth weight, body mass index, maternal diabetes, and steroids.

Ped Res 43: 338- 343

Sivan E, Lin M, Homko CJ, Reece A, Boden G (1997):

Leptin is present in human cord blood.

Diabetes 46: 917- 919

Sivan E, Whittaker PG, Sinha D, Homko CJ, Lin M, Reece EA, Boden G (1998):

Leptin in human pregnancy: the relationship with gestational hormones.

Am J Obstet Gynecol 179: 1128- 1132

Smith JT, Waddell BJ (2003):

Leptin distribution and metabolism in the pregnant rat: transplacental leptin passage increases in late gestation but is reduced by excess glucocorticoids.

Endocrinology 144: 3024 - 3030

Stephens TW, Basinski M, Bristow PK, et al. (1995):

The role of neuropeptide Y in the antiobesity action of the obese gene product.

Nature 377: 530- 532

Tamura T, Goldenberg R, Johnston KE, Cliver SP (1998):

Serum leptin concentrations during pregnancy and their relationship to fetal growth.

Obstet Gynecol 91: 389- 395

Tome MA, Lage M, Camina JP, Garcia- Major RV, Dieguez C, Casanueva FF (1997):

Sex- based differences in serum leptin concentrations from umbilical cord blood at delivery.

J Endocrinol 137: 655 - 658

Vidal H, Auboeuf D, De Vos P, et al. (1996):

The expression of ob gene is not acutely regulated by insulin and fasting in human abdominal subcutaneous adipose tissue.

Clin Invest 98: 251- 255

Wabitsch M, Jensen PB, Blum WF, Christofferson CT, Englaro P, Heinze E, Rascher W, Teller W, Tornquist H, Hauner H (1996):

Insulin and cortisol promote leptin production in cultured human fat cells.

Diabetes 45: 1435 – 1438

Weiss PAM (1998):

Der orale Glukosetoleranztest oGTT) in der Schwangerschaft.

Gynäkologe 31: 12- 24

Widjaja A, Stratton IM, Horn R, Holman RR, Turner R, Brabant G (1997):

UKPDS 20: Plasma leptin, obesity, and plasma insulin in type 2 diabetic subjects.

J Clin Endocrinol Metab 82: 654- 657

Yura S, Sagawa N, Mise H, Mori T, Masuzaki H, Ogawa Y, Nakao K (1998):

A positive umbilical venous- arterial difference of leptin level and its rapid decline after birth.

Am J Obstet Gynaecol 178 (5): 926 – 930.

Zhang Y, Proenca R, Maffei M, Barone M, Leopold L, Friedman J (1994):

Positional cloning of the mouse obese gene and its human homologue.

Nature 372: 425- 432