

Risks of Artificial Feeding (Studies done *mostly* in affluent societies)

Risks to infant and child

Review:

1. Walker M. A fresh look at the risks of artificial feeding. *J Hum Lact* 1993;9:97-107
2. Cunningham AS, Jelliffe DB, Jelliffe EFP. Breastfeeding and health in the 1980's: a global epidemiologic review. *J Pediatr* 1991;118:659-66

Cognitive Development:

- CD (review): Andraca I, Uauy R. Breastfeeding for optimal mental development. Simopoulos AP, Dutra de Oliveira JE, Desai ID (eds): Behavioral and Metabolic Aspects of Breastfeeding. *World Rev Nutr Diet*. Basel, Karger, 1995;78:1-27
- CD (review): Gordon N. Nutrition and cognitive function. *Brain and Development* 1997;19:165-70
- CD-1: Morrow-Tlucak M, Haude RH, Ernhart CB. Breastfeeding and cognitive development in the first 2 years of life. *Soc Sci Med* 1988;26:635-9
- CD-2: Taylor B, Wadsworth J. Breastfeeding and child development at five years. *Dev Med Child Neurol* 1984;26:73-80
- CD-3: Lucas A, Morley R, Cole TJ, Lister G, Leeson-Payne C. Breastmilk and subsequent intelligence quotient in children born preterm. *Lancet* 1992;339:261-4
- CD-4: Nettleton JA. Are n-3 fatty acids essential nutrients for fetal and infant development. *J Am Diet Assoc* 1993;93:58-64
- CD-5: Rogan WJ, Gladen BC. Breastfeeding and cognitive development. *Early Hum Dev* 1993;31:181-93
- CD-6: Silver LB, Levinson RB, Laskin CR, Pilot LJ. Learning disabilities as a probable consequence of using chloride-deficient infant formula. *J Pediatr* 1989;115:97-9
- CD-7: Willoughby A, Moss HA, Hubbard VS, Bercu BB, Graubard BI, Vietze PM, *et al*. Developmental outcome in children exposed to chloride deficient formula. *Pediatrics* 1987;79:851-7
- CD-8: Wing CS. Defective infant formulas and expressive language problems: a case study. *Language, Speech and Hearing Services in Schools* 1990;21:22-7
- CD-9: Crawford MA. The role of essential fatty acids in neural development: implications for perinatal nutrition. *Am J Clin Nutr* 1993;57(suppl):703S-10S
- CD-10: Temboury MC, Otero A, Polanco I, Arribas E. Influence of breastfeeding on the infant's intellectual development. *J Pediatric Gastroenterol Nutr* 1994;18:32-36
- CD-11: Pollock JI. Longterm associations with infant feeding in a clinically advantaged population of babies. *Dev Med Child Neurol* 1994;36:429-40
- CD-12: Makrides M, Neumann MA, Byard RW, Simmer K, Gibson RA. Fatty acid composition of brain, retina and erythrocytes in breast and formula fed infants. *Am J Clin Nutr* 1994;60:189-94
- CD-14: Anderson GJ, Connor WE, Corliss JD. Docosahexaenoic acid is the preferred dietary n-3 fatty acid for the development of the brain and retina. *Pediatr Res* 1990;27:87-97
- CD-15: Neuringer M, Connor WE, Lin DS, Barstad L, Luck S. Biochemical and functional effects of prenatal and postnatal fatty acid deficiency on retina and brain in rhesus monkeys. *Proc Natl Acad Sc USA* 1986;83:4021-5
- CD-16: Florey C Du V, Leech AM, Blackhall A. Infant feeding and mental and motor development at 18 months of age in first born singletons. *Int J Epidemiol* 1995;24 (Suppl 1):S21-6
- CD-17: Wang YS, Wu SY. The effect of exclusive breastfeeding on development and incidence of infection in infants. *JHL* 1996;12:27-30
- CD-18: Greene LC, Lucas A, Livingstone BE, Harland PSEG, Baker BA. Relationship between early diet and subsequent cognitive performance during adolescence. *Biochem Soc Trans* 1995;23:376S
- CD-19: Riva E, Agostoni C, Biasucci G, Trojan S, Luotti D, Fiori L, *et al*. Early breastfeeding is linked to higher intelligence quotient scores in dietary treated phenylketonuric children. *Acta Paediatr* 1996;85:56-8
- CD-20: Niemelä A, Järvenpää A-L. Is breastfeeding beneficial and maternal smoking harmful to the cognitive development of children? *Acta Paediatr* 1996;85:1202-6
- CD-21: Rodgers B. Feeding in infancy and later ability and attainment: a longitudinal study. *Devel Med Child*

Neurol 1978;20:421-6

CD-22: Horwood LJ, Fergusson DM. Breastfeeding and later cognitive and academic outcomes. *Pediatrics* 1998;101:p. e9

CD-23: Paine BJ, Makrides M, Gibson RA. Duration of breastfeeding and Bayley's mental developmental Index at 1 year of age. *J Paediatr Child Health* 1999;35:82-5

CD-24: Fergusson DM, Beautrais AL, Silva PA. Breastfeeding and cognitive development In the first seven years of life. *Soc Sci Med* 1982;16:1705-8

CD-25: Vestergaard M, Obel C, Henriksen TB, Sørensen HT, Skajaa E, Østergaard J. Duration of breastfeeding and developmental milestones during the latter half of infancy. *Acta Paediatr* 1999;88:1327-32

Neurologic Outcome

N-1: Lanting CI, Fidler V, Huisman M, Touwen BCL, Boersma ER. Neurological differences between 9 year old children fed breastmilk or formula milk as babies. *Lancet* 1994;344:1319-22

N-2: Lanting CI, Patandin S, Weisglas-Kuperus N, Touwen BCL, Boersma ER. Breastfeeding and neurological outcome at 42 months. *Acta Paediatr* 1998;87:1224-9

SIDS:

SIDS-1: Mitchell EA, Scragg R, Stewart AW, Becroft DMO, Taylor BJ, For RPK, *et al.* Results from the first year of the New Zealand cot death study. *NZ Med J* 1991;104:71-6

Insulin Dependent Diabetes:

Working Group on Cow's Milk Protein and Diabetes Mellitus of the American Academy of Pediatrics. Infant feeding practices and their possible relationship to the etiology of diabetes mellitus. *Pediatrics* 1994;94:752-4

JD-1: Karjalainen J, Martin JM, Knip M, Ilonen J, Robinson BH, Savilahti E, *et al.* A bovine albumin peptide as a possible trigger of insulin-dependent diabetes mellitus. *N Eng J Med* 1992;327:302-7 (Editorial: 1992:327:348-9)

JD-2: Mayer EJ, Hamman RF, Gay EC, Lezotte DC, Savitz DA, Klingensmith J. Reduced risk of IDDM among breastfed children. *Diabetes* 1988;37:1625-32

JD-3: Virtanen SM, Räsänen L, Ylönen K, Aro A, Clayton D, Langholz B, *et al.* Early introduction of dairy products associated with increased risk of IDDM in Finnish children. *Diabetes* 1993;42:1786-90

JD-4: Virtanen SM, Räsänen L, Aro A, Lindström J, Sippola H, Lounamaa R, *et al.* Infant feeding in Finnish children <7 yr of age with newly diagnosed IDDM. *Diabetes Care* 1991;14:415-17

JD-5: Gerstein HC. Cow's milk exposure and type I diabetes mellitus. *Diabetes Care* 1994;17:13-9

JD-6: Kostraba JN, Cruickshanks KJ, Lawler-Heavner J, Jobim LF, Rewers MJ, Gay EC, *et al.* Early exposure to cow's milk and solid foods in infancy, genetic predisposition, and risk of IDDM. *Diabetes* 1993;42:288-95

JD-7: Pérez-Bravo F, Carrasco E, Gutierrez-López MD, Martínez MT, López G, García de los Rios M. Genetic predisposition and environmental factors leading to the development of insulin-dependent diabetes mellitus in Chilean children. *J Mol Med* 1996;74:105-9

JD-8: Gimeno SGA, De Souza JMP. IDDM and milk consumption. *Diabetes Care* 1997;20:1256-60

JD-9: Hammond-McKibbin D, Karges W, Gaedigk R, Dosch H-M. Immunological mechanisms that link cow milk protein and insulin dependent diabetes: a synopsis. *Can J Allergy and Clin Immunol* 1997;2:136-46

JD-10: Shehadeh N, Gelertner L, Blazer S, Perlman R, Solovachik L, Etzioni A. Importance of insulin content in infant diet: suggestion for a new infant formula. *Acta Paediatr* 2001;90:93-5

Cow milk Allergy and Intolerance:

CM-1: Høst A. Importance of the first meal on the development of cow's milk allergy and intolerance. *Allergy Proc* 1991;12:227-32

Respiratory Illness:

RI-1: Pullan CR, Toms GL, Martin AJ, Gardner PS, Webb JKG, Appleton DR. Breastfeeding and respiratory syncytial virus infection. *Br Med J* 1980;281:1034-6

RI-2: Chiba Y, Minagawa T, Mito K, Nakane A, Suga K, Honjo T, Nakao T. Effect of breastfeeding on responses of systemic interferon and virus-specific lymphocyte transformation with respiratory syncytial virus infection. *J Med*

Virology 1987;21:7-14

RI-3: Wright AL, Holberg CJ, Martinez FD, Morgan WJ, Taussig LM. Breastfeeding and lower respiratory tract illness in the first year of life. *Br Med J* 1989;299:946-9

RI-4: Porro E, Indinnimeo L, Antognoni G, Midulla F, Criscione S. Early wheezing and breastfeeding. *J Asthma* 1993;30:23-8

RI-5: Burr ML, Limb ES, Maguire JM, Amarah L, Eldridge BA, Layzell JCM, Merret TG. Infant feeding, wheezing, and allergy: a prospective study. *Arch Dis Child* 1993;68:724-28

RI-6: Pisacane A, Graziano L, Zona G, Granata G, Dolezalova H, Cafiero M, *et al.* Breastfeeding and acute lower respiratory infection. *Acta Paediatr* 1994;83:714-18

RI-7: Beaudry M, Dufour R, Marcoux S. Relation between infant feeding and infections during the first six months of life. *J Pediatr* 1995;126:191-7

RI-8: Okamoto Y, Ogra PL. Antiviral factors in human milk: implications in respiratory syncytial virus infection. *Acta Paediatr Scand Suppl* 1989;351:137-43

RI-9: Downham MAPS, Scott R, Sims DG, Webb JKG, Gardner PS. Breastfeeding protects against respiratory syncytial virus infections. *Br Med J* 1976;2:274-6

RI-10: Wright AL, Holberg CJ, Taussig LM, Martinez FD. Relationship of infant feeding to recurrent wheezing at age 6 years. *Arch Pediatr Adolesc Med* 1995;149:758-63

RI-11: Yue Chen. Synergistic effect of passive smoking and artificial feeding on hospitalization for respiratory illness in early childhood. *Chest* 1989;95:1004-07

RI-12: Wilson AC, Forsyth JS, Greene SA, Irvine L, Hau C, Howie PW. Relation of infant diet to childhood health: seven year followup of cohort of children in Dundee infant feeding study. *Br Med J* 1998;316:21-5 (also shows **higher blood pressure in formula fed children**)

RI-13: Oddy WH, Holt PG, Sly PD, Read AW, Landau LI, Stanley FJ, Kendall GE, Burton PR. Association between breastfeeding and asthma in 6 year old children: findings of a prospective birth cohort study. *Br Med J* 1999;319:815-9

RI-14: César JA, Victora CG, Barros FC, Santos IS, Flores JA. Impact of breastfeeding on admission for pneumonia during postneonatal period in Brazil: nested case-control study. *Br Med J* 1999;318:1316-20

RI-15: Pisacane A, Impagliazzo N, De Caprio C, Criscuolo L, Inglese A, da Silva MCMP. Breastfeeding and tonsillectomy. *Br Med J* 1996;?:?

RI-16: López-Alarcón M, Villalpando S, Fajardo A. Breastfeeding lowers the frequency and duration of acute respiratory infection and diarrhea in infants under 6 months of age. *J Nutr* 1997;127:436-43

RI-17: Gdlavevich M, Minouni D, Minouni M. Breastfeeding and the risk of bronchial asthma in childhood: a systematic review with meta-analysis of prospective studies. *J Pediatr* 2001;139:261-6

Otitis Media:

OM-1: Saarinen UM. Prolonged breastfeeding as prophylaxis for recurrent otitis media. *Acta Paediatr Scand* 1982;71:567-71

OM-2: Teele DW, Klein JO, Rosner B. Epidemiology of otitis media during the first seven years of life in children in greater Boston: a prospective cohort study. *J Infect Dis* 1989;160:83-94

OM-3: Duncan B, Ey J, Holberg CJ, Wright AL, Martinez FD, Taussig LJ. Exclusive breastfeeding for at least 4 months protects against otitis media. *Pediatrics* 1993;91:867-72

OM-4: Owen MJ, Baldwin CD, Swank PR, Pannu AK, Johnson DL, Howie VM. Relation of infant feeding practices, cigarette smoke exposure and group child care to the onset and duration of otitis media with effusion in the first two years of life. *J Pediatr* 1993;123:702-11

OM-5: Harabuchi Y, Faden H, Yamanaka N, Duffy L, Wolf J, Krystofik D. Human milk secretory IgA antibody to nontypeable *Haemophilus influenzae*: Possible protective effects against nasopharyngeal colonization. *J Pediatr* 1994;124:193-8

OM-6: Aniansson G, Alm B, Andersson B, Håkansson A, Larsson P, Nylén O, *et al.* A prospective cohort study on breastfeeding and otitis media in Swedish infants. *Pediatr Infect Dis J* 1994;13:183-8

OM-7: Paradise JL, Elster BA, Tan L. Evidence in infants with cleft palate that breast milk protects against otitis media. *Pediatrics* 1994;94:853-60

OM-8: Sassen ML, Brand R, Grote JJ. Breastfeeding and acute otitis media. *Am J Otolaryn* 1994;15:351-7

OM-9: Dewey KG, Heinig J, Nommsen-Rivers LA. Differences in morbidity between breastfed and formula fed infants. *J Pediatr* 1995;126:696-702 (risk also increased in FF infant for diarrhea)

OM-10: Scariati PD, Grummer-Strawn LM, Fein SB. A longitudinal analysis of infant morbidity and the extent of breastfeeding in the United States. *Pediatrics* 1997;99:e5

Risks for the premature baby:

- P-1: Lucas A, Cole TJ. Breastmilk and neonatal necrotizing enterocolitis. *Lancet* 1990;336:1519-23
- P-2: El-Mohandes AE, Picard MB, Simmens SJ, Keiser JF. Use of human milk in the intensive care nursery decreases the incidence of **nosocomial sepsis**. *J Perinatol* 1997;17:130-4
- P-3: Daniels L, Gibson R, Simmer K. Selenium status of preterm infants: the effect of postnatal age and method of feeding. *Acta Paediatr* 1997;86:281-8 (M:23)
- P-4: Uauy RD, Birch DG, Birch EE, Tyson JE, Hoffman DR. Effect of dietary omega-3 fatty acids on **retinal function** of very low birth weight neonates. *Pediatr Res* 1990;28:485-92 (M:18)
- P-5: Lucas A, Morley R, Cole TJ, Lister G, Leeson-Payne C. Breastmilk and subsequent intelligence quotient in children born preterm. *Lancet* 1992;339:261-4 (CD: 3)
- P-6: Bishop NJ, Dahlenburg SL, Fewtrell MS, Morley R, Lucas A. Early diet of preterm infants and **bone mineralization** at age five years. *Acta Paediatr* 1996;85:230-6
- P-7: Carlson SE, Rhodes PG, Ferguson MG. **Docosahexaenoic acid status** of preterm infants at birth and following feeding with human milk or formula. *Am J Clin Nutr* 1986;44:798-804
- P-8: Foreman-van Drongelen MMHP, van Houwelingen AC, Kester ADM, Hasaart THM, Blanco CE, Hornstra G. **Long-chain polyunsaturated fatty acids** in preterm infants: status at birth and its influence on postnatal levels. *J Pediatr* 1997;126:611-8
- P-9: Bier JB, Ferguson AE, Morales Y, Liebling JA, Oh W, Vohr BR. Breastfeeding infants who were extremely low birth weight. *Pediatrics* 1997;100:p e3
- P-10: Morley R, Cole TJ, Powell R, Lucas A. Mother's choice to provide breastmilk and developmental outcome. *Arch Dis Child* 1988;63:1382-5
- P-11: Singhal A, Cole T, Lucas A. Early nutrition in preterm infants and later blood pressure: two cohorts after randomised trials. *Lancet* 2001;357:413-9

Childhood Cancer:

- CC-1: Schwartzbaum JA, George SL, Pratt CB, Davis B. An exploratory study of environmental and medical factors potentially related to childhood cancer. *Med pediatr Oncol* 1991;19:115-21
- CC-2: Davis MK, Savitz DA, Graubard BI. Infant feeding and childhood cancer. *Lancet* 1988;2:365-8
- CC-3: Freudenheim JL, Marshall JR, Graham S, Laughlin R, Vena JE, Bandera E, *et al.* Exposure to breastmilk in infancy and the risk of breast cancer. *Epidemiology* 1994;5:324-31
- CC-4: Shu XO, Linet MS, Steinbuch M, Wen WQ, Buckley JD, Neglia JP, Potter JD *et al.* Breastfeeding and the risk of childhood acute leukemia. *J Nat Cancer Institute* 1999;91:1765-72
- CC-5: Davis MK. Review of the evidence for an association between Infant feeding and childhood cancer. *Int J Cancer* 1998;Supplement II:29-33

Gastrointestinal Disease and Infections:

- GI-1: Koletzko S, Sherman P, Corey M, Griffiths A, Smith C. Role of infant feeding practices in the development of Crohn's disease in childhood. *Br Med J* 1989;298:1617-8
- GI-2: Greco L, Auricchio S, Mayer M, Grimaldi M. Case control study on nutritional risk factors in celiac disease. *J Pediatr Gastroenterol Nutr* 1988;7:395-8
- GI-3: Duffy LC, Byers TE, Riepenhoff-Talty M, La Scolea L, Zielezny M, Ogra PL. The effects of infant feeding on rotavirus-induced gastroenteritis. A prospective study. *Am J Pub Health* 1986;76:259-63
- GI-4: Hanson LA, Lindquist B, Hofvander Y, Zetterstrom R. Breastfeeding as a protection against gastroenteritis and other infections. *Acta Paediatr Scand* 1985;74:641-2
- GI-5: Ruiz-Palacios GM, Calva JJ, Pickering LK, Lopez-Vidal Y, Volkow P, Pezzarossi H, *et al.* Protection of breastfed infants against *Campylobacter* diarrhea by antibodies in human milk. *J Pediatr* 1990;116:707-13
- GI-6: Cruz JR, Gil L, Cano F, Caceres P, Pareja G. Breastmilk anti-*Escherichia coli* heat labile toxin IgA antibodies protect against toxin-induced infantile diarrhea. *Acta Paediatr Scand* 1988;77:658-62
- GI-7: Gillin FD, Reiner DS, Wang C-S. Human milk kills parasitic intestinal protozoa. *Science* 1983;221:1290-2
- GI-8: France GL, Marmer DJ, Steele RW. Breastfeeding and *Salmonella* infection. *Am J Dis Child* 1980;134:147-52
- GI-9: Haffejee IE. Cow's milk-based formula, human milk and soya feeds in acute infantile diarrhea: A therapeutic trial. *J Pediatr Gastroenterol Nutr* 1990;10:193-8
- GI-10: Lerman Y, Slepov R, Cohen D. Epidemiology of acute diarrheal diseases in children in a high standard of

living rural settlement in Israel. *Pediatr Infect Dis J* 1994;13:116-22

GI-11: Howie PW, Forsyth JS, Ogston SA, Clark A, Du V Florey C. Protective effect of breastfeeding against infection. *Br Med J* 1990;300:11-6

GI-12: Duffy LC, Riepenhoff-Talty M, Byers TE, La Scolea LJ, Zielesny MA, Dryja DM *et al*. Modulation of rotavirus enteritis during breastfeeding. *Am J Dis Child* 1986;140:1164-8

GI-13: Haddock RL, Cousens SN, Guzman CC. Infant diet and salmonellosis. *Am J Pub Health* 1991;81:997-1000

GI-14: Scariati PD, Grummer-Strawn LM, Fein SB. A longitudinal analysis of infant morbidity and the extent of breastfeeding in the United States. *Pediatrics* 1997;99, June 1997;e5 (also for **otitis media**)

GI-15: Heacock HJ, Jeffery HE, Baker JL, Page M. Influence of breast versus formula milk on physiological gastroesophageal reflux in healthy, newborn infants. *J Pediatr Gastroenterol Nutr* 1992;14:41-6

GI-16: Kramer MS, Chalmers B, Hodnett ED, Sevkovskaya Z, Dzikovich I, Shapiro S, *et al*. Promotion of breastfeeding intervention trial. *JAMA* 2001;285:413-20 (also shows less eczema) (study shows that baby friendly Interventions *do* work)

Urinary Tract Infection:

UT-1: Pisacane A, Graziano L, Mazzarella G, Scarpellino B, Zona G. Breastfeeding and urinary tract infection. *J Pediatr* 1992;120:87-9

Malocclusion:

MA-1: Labbock MH, Hendershot GE. Does breastfeeding protect against malocclusion? An analysis of the 1981 child health supplement to the national health interview survey. *Am J Prev Med* 1987;3:227-32

MA-2: Palmer B. The influence of breastfeeding on the development of the oral cavity: A commentary. *J Hum Lact* 1998;14:93-8

Formula as a heavy metal cocktail:

HM-1: Koo WWK, Kaplan LA, Krug-Wispe SK. Aluminum contamination of infant formulas. *J Parenteral Enteral Nutrition* 1988;12:170-3

HM-2: Davidsson L, Cederblad Å, Lönnerdal B, Sandström B. Manganese absorption from human milk, cow's milk and infant formulas in humans. *Am J Dis Child* 1989;143:823-7

HM-3: Dabeka RW, McKenzie AD. Lead and cadmium levels in commercial infant foods and dietary intake by infants 0-1 year old. *Food Additives and Contaminants* 1988;5:333-42

Other Contamination due to bottle feeding:

C-1: Mytjens HL, Roelofs-Willemsse H, Jaspas GHJ. Quality of powdered substitutes for breastmilk with regard to members of the family *Enterobacteriaceae*. *J Clin Microbiol* 1988;26:743-6

C-2: Biering G, Karlsson S, Clark NC, Jonsdottir KE, Ludvigsson P, Steingrimsdottir O. Three cases of neonatal meningitis caused by *Enterobacter sakazakii* in powdered milk. *J Clin Microbiol* 1989;27:2054-6

C-3: Westin JB. Ingestion of carcinogenic *N*-nitrosamines by infants and children. *Arch Environmental Health* 1990;45:359-63

C-4: Schwarz KB, Cox JM, Sharma S, Clement L, Witter F, Abbey H, *et al*. Prooxidant effects of maternal smoking and formula in newborn infants. *J Pediatr Gastroenterol Nutr* 1997;24:68-74

Allergy:

A-1: Lucas A, Brooke OG, Morley R, Cole TJ, Bamford MF. Early diet of preterm infants and development of allergic or atopic disease: randomized prospective study. *Br Med J* 1990;300:837-40

A-2: Kajosaari M, Saarinen UM. Prophylaxis of atopic disease by six months' total solid food elimination. *Acta Pediatr Scand* 1983;72:411-14

A-3: Ellis MH, Short JA, Heiner DC. Anaphylaxis after ingestion of a recently introduced hydrolyzed whey protein formula. *J Pediatr* 1991;118:74-7

A-4: Saarinen UM, Kajosaari M. Breastfeeding as prophylaxis against atopic disease: prospective follow-up study until 17 years old. *Lancet* 1995;346:1065-69

A-5: Saylor JD, Bahna SL. Anaphylaxis to casein hydrolysate formula. *J Pediatr* 1991;118:71-4

A-6: Marini A, Agosti M, Motta G, Mosca F. Effects of a dietary and environmental prevention programme on the incidence of allergic symptoms in high atopic risk infants: three years' followup. *Acta Paediatr* 1996;Suppl 414 vol 85:1-19

A-7: Wright AL, Holberg CJ, Martinez FD, Halonen M, Morgan W, Taussig LM. Epidemiology of physician diagnosed allergic rhinitis In childhood. *Pediatrics* 1994;94:895-901

Cardiovascular Risks:

M-3: Kramer MS. Do breastfeeding and delayed introduction of solid foods protect against subsequent **obesity**? *J Pediatr* 1981;98:883-7

M-13: Osborn GR. Stages in development of **coronary disease** observed from 1,500 young subjects. Relationship of hypotension and infant feeding to aetiology. Watson Smith Lecture, delivered to the Royal College of Physicians of London, January 11, 1965

M13a: Bergström E, Hernell O, Persson LÅ, Vessby B. **Serum lipid values** in adolescents are related to family history, infant feeding, and physical growth. *Atherosclerosis* 1995;117:1-13

M-25: Routi T, Rönnemaa T, Lapinleimu H, Salo P, Viikari J, Leino A, et al. Effect of weaning on **serum lipoprotein (a) concentration**: the STRIP baby study. *Pediatric Research* 1995;38:522-27

M-26: Bergström E, Hernell O, Persson LÅ, Vessby B. Serum lipid values in adolescents are related to family history, infant feeding and physical growth. *Atherosclerosis* 1995;117:1-13

M-27: Von Kries R, Sauerwald T, von Mutius E, Barnert D, Grunert V, von Voss H. Breastfeeding and obesity: cross sectional study. *Br Med J* 1999;319:147-50

M-32: Tulldahl J, Pettersson K, Andersson SW, Hulthén. Mode of Infant feeding and achieved growth In adolescence: early feeding patterns In relation to growth and body composition In adolescence. *Obesity Research* 1999;7:431-7

M-35: Gillman MW, Rifas-Shiman SL, Camargo CA, Berkey CS, Frasier AL, Rockett HRH, et al. Risk of overweight among adolescents who were breastfed as infants. *J Am Med Assoc* 2001;285:2461-7 (Editorial by WH Dietz, 2506-7)

P-11: Singhal A, Cole T, Lucas A. Early nutrition in preterm infants and later blood pressure: two cohorts after randomised trials. *Lancet* 2001;357:413-9

Miscellaneous:

M-1: McJunkin JE, Bithoney WG, McCormick MC. **Errors in formula concentration** in an outpatient population. *J Pediatr* 1987;111:848-50

M-1a: Abrams CAL, Phillips LL, Berkowitz C, Blacket PR, Priebe CJ. Hazards of overconcentrated milk formula. *JAMA* 1975;232:1136-40

M-1b: Potur AH, Kalmaz N. An investigation into feeding errors of 0-4 month old infants. *J Trop Pediatr* 1995;41:120-2

M-1c: Green HL, Moyer VA. Improper mixing of formula due to reuse of hospital bottles. *Arch Pediatr Adolesc Med* 1995;149:97-9

M-1d: Coodin Fj, Gabrielson IW, Addiego JE. Formula fatality. *Pediatrics* 1971;47:438-9

M-1e: Wilcox DT, Fiorello AB, Glick PL. Hypovolemic shock and intestinal ischemia: a preventable complication of incomplete formula labeling. *J Pediatr* 1993;122:103-4

M-2: Specker BL, Tsang RC, Ho ML, Landi TM, Gratton TL. **Low serum calcium** and high parathyroid hormone levels in neonates fed "humanized" cow's milk-based formula. *Am J Dis Child* 1991;145:941-5

M2a: Jochum F, Fuchs A, Menzel H, Lombeck I. **Selenium** in German infants fed breastmilk or different formulas. *Acta Paediatr* 1995;84:859-62

M-3: Kramer MS. Do breastfeeding and delayed introduction of solid foods protect against subsequent **obesity**? *J Pediatr* 1981;98:883-7

M-4: Dick G. The etiology of **multiple sclerosis**. *Proc Roy Soc Med*. 1976;69:611-5

M-4b: Pisacane A, Impagliazzo N, Russo M, Valiani R, Mandarinini A, Florio C, Vivo P. Breastfeeding and **multiple sclerosis**. *Br Med J* 1994;308:1411-2

M-5: Birch E, Birch D, Hoffman D, Hale L, Everett M, Uauy R. Breastfeeding and **optimal visual development**. *J Pediatr Ophthalmol Strabismus* 1993;30:33-8

M-6: Makrides M, Simmer K, Googin M, Gibson RA. Erythrocyte docosahexaenoic acid correlates with the **visual response** of healthy, term infants. *Pediatr Res* 1993;34:425-7

M-7: Sullivan SA, Birch LL. Infant dietary experience and **acceptance of solid foods**. *Pediatrics* 1994;93:271-77

- M-8: Cochi SL, Fleming DW, Hightower AW, Limpakarnjanarat K, Facklam RR, Smith JD, *et al.* **Primary invasive *Haemophilus influenzae* type b disease: A population-based assessment of risk factors.** *J Pediatr* 1986;108:887-96
- M-9: Arnold C, Makintube S, Istre GR. Day Care Attendance and other risk factors for **invasive *Haemophilus influenzae* type b disease.** *Am J Epidemiol* 1993;138:333-40
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