

**Immunization Safety Review Committee
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Meeting 3, July 16-18, 2001 (as of 7/10/01)**

- Rec# 870. 1999. Thimerosal in vaccines--An interim report to clinicians. American Academy of Pediatrics. Committee on Infectious Diseases and Committee on Environmental Health. *Pediatrics* 104(3 Pt 1):570-4.
- Rec# 1112. 2001. Mercury in your vaccines. *Mothering Magazine* 105(May/April):38-55.
- Rec# 1094. 2001. Nomination of thimerosal to the National Toxicology Program. Review of the literature. *Submitted to Immunization Safety Review Committee by Leslie Ball in May 2001* .
- Rec# 1092. 2001. Vaccine safety update: Write-up of November 29, 2000 meeting with representatives from the Universities of Washington and Rochester, FDA, NIEHS and NIAID (of NIH). *Submitted to Immunization Safety Review Committee by Sarah Landry, NIH* .
- Rec# 752. Agency for Toxic Substances and Disease Registry. *Toxicological Profile for Mercury (Update)*; 1999.
- Rec# 667. Akagi H, Grandjean P, Takizawa Y, Weihe P. 1998. Methylmercury dose estimation from umbilical cord concentrations in patients with Minamata disease. *Environ Res* 77(2):98-103.
- Rec# 863. al-Balaghi S, Moller E, Moller G, Abedi-Valugerdi M. 1996. Mercury induces polyclonal B cell activation, autoantibody production and renal immune complex deposits in young (NZB x NZW)F1 hybrids. *Eur J Immunol* 26(7):1519-26.
- Rec# 1019. Al-Fayadh H, Mehdi AW, Al-Soudi K, Al-Khazraji AK, Al-Jiboori NA, Al-Muraib S. Effects of feeding ethyl mercury chloride to chickens. *Poult Sci*. 1976;55:772-9.
- Rec# 853. al-Shahristani H, Shihab KM. 1974. Variation of biological half-life of methylmercury in man. *Arch Environ Health* 28(6):342-4.
- Rec# 1046. Alberti A, Pirrone P, Elia M, Waring RH, Romano C. Sulphation deficit in "low-functioning" autistic children: a pilot study. *Biol Psychiatry*. 1999;46:420-4.
- Rec# 603. Amin-Zaki L, Elhassani S, Majeed MA, Clarkson TW, Doherty RA, Greenwood M. 1974. Intra-uterine methylmercury poisoning in Iraq. *Pediatrics* 54(5):587-95.
- Rec# 1008. Amin-zaki L, Majeed MA, Clarkson TW, Greenwood MR. Methylmercury poisoning in Iraqi children: clinical observations over two years. *Br Med J*. 1978;1:613-6.
- Rec# 602. Amin-Zaki L, Majeed MA, Elhassani SB, Clarkson TW, Greenwood MR, Doherty RA. 1979. Prenatal methylmercury poisoning. Clinical observations over five years. *Am J*

Dis Child 133(2):172-7.

- Rec# 961. Aposhian HV, Maiorino RM, Gonzalez-Ramirez D, et al. Mobilization of heavy metals by newer, therapeutically useful chelating agents. *Toxicology*. 1995;97:23-38.
- Rec# 748. Aschner M. 2001. Mercury toxicity. *J Pediatr* 138(3):450-1.
- Rec# 730. Aschner M, Aschner JL. 1990. Mercury neurotoxicity: mechanisms of blood-brain barrier transport. *Neurosci Biobehav Rev* 14(2):169-76.
- Rec# 1024. Atchison WD, Hare MF. Mechanisms of methylmercury-induced neurotoxicity. *FASEB J*. 1994;8:622-9.
- Rec# 731. Axtell CD, Cox C, Myers GJ, et al. 2000. Association between methylmercury exposure from fish consumption and child development at five and a half years of age in the Seychelles Child Development Study: an evaluation of nonlinear relationships. *Environ Res* 84(2):71-80.
- Rec# 652. Axtell CD, Myers GJ, Davidson PW, et al. 1998. Semiparametric modeling of age at achieving developmental milestones after prenatal exposure to methylmercury in the Seychelles child development study. *Environ Health Perspect* 106(9):559-63.
- Rec# 592. Axton JH. 1972. Six cases of poisoning after a parenteral organic mercurial compound (Merthiolate). *Postgrad Med J* 48(561):417-21.
- Rec# 867. Bagenstose LM, Salgame P, Monestier M. 1999. Murine mercury-induced autoimmunity: a model of chemically related autoimmunity in humans. *Immunol Res* 20(1):67-78.
- Rec# 1025. Bailey A, Luthert P, Dean A, et al. A clinicopathological study of autism. *Brain*. 1998;121 (Pt 5):889-905.
- Rec# 791. Bakir F, Damluji SF, Amin-Zaki L, et al. 1973. Methylmercury poisoning in Iraq. *Science* 181(96):230-41.
- Rec# 754. Ball L, Ball R, Pratt RD. 2001. An assessment of thimerosal use in childhood vaccines. *Pediatrics* 107(5): 1147-1154.
- Rec# 922. Ballatori N, Clarkson TW. 1984. Dependence of biliary secretion of inorganic mercury on the biliary transport of glutathione. *Biochem* 33(7):1093-8.
- Rec# 798. Bernard S, Enayati A, Redwood L, Roger H, Binstock T. 2001. Autism: a novel form of mercury poisoning. *Med Hypotheses* 56(4):462-71.
- Rec# 1082. Bernard S, Enayati A, Roger H, Redwood L, Binstock T. 2000. Autism and thimerosal: Neuroanatomy & mechanism. *Submitted to Immunization Safety Review Committee May 14, 2001* .

- Rec# 1083. Binstock T. 2001. Thimerosal in vaccines: Neurologic sequelae in children: Press information. *Submitted to Immunization Safety Review Committee* .
- Rec# 1111. Blaxill M. Autism incidence and thimerosal containing vaccines. E-mail to Immunization Safety Review committee. May 14, 2001.
- Rec# 1110. Bradstreet JJ. Response to The National Academy of Science, Institute of Medicine Request for Original Research On Thimerosal Safety. E-mail to Immunization Safety Review committee. June 18, 2001.
- Rec# 842. Burbacher TM, Sackett GP, Mottet NK. 1990. Methylmercury effects on the social behavior of *Macaca fascicularis* infants. *Neurotoxicol Teratol* 12(1):65-71.
- Rec# 1099. CDC. Chronology of Key Events Related to Thimerosal and Vaccines. *From Roger Bernier* .
- Rec# 1124. CDC. 1999. Transcript: The National Vaccine Advisory Committee sponsored workshop on thimerosal vaccines, August 11-12, 1999. *Prepared by Nancy Lee & Associates* .
- Rec# 874. CDC. 1999. Thimerosal in vaccines: a joint statement of the American Academy of Pediatrics and the Public Health Service. *MMWR* 48(26):563-5.
- Rec# 876. CDC. 1999. Availability of hepatitis B vaccine that does not contain thimerosal as a preservative. *MMWR* 48(35):780-2.
- Rec# 873. CDC. 1999. Recommendations regarding the use of vaccines that contain thimerosal as a preservative. *MMWR* 48(43):996-8.
- Rec# 872. CDC. 2000. Summary of the joint statement on thimerosal in vaccines. American Academy of Family Physicians, American Academy of Pediatrics, Advisory Committee on Immunization Practices, Public Health Service. *MMWR* 49(27):622, 631.
- Rec# 875. CDC. 2000. Update: expanded availability of thimerosal preservative-free hepatitis B vaccine. *MMWR* 49(28):642, 651.
- Rec# 871. CDC. 2001. Impact of the 1999 AAP/USPHS joint statement on thimerosal in vaccines on infant hepatitis B vaccination practices. *MMWR* 50(6):94-7.
- Rec# 802. CDC. 2001. Blood and hair mercury levels in young children and women of childbearing age--United States, 1999. *JAMA* 285(11):1436-7.
- Rec# 1085. CDC. 2001. Inventory of Ongoing or Planned Thimerosal Research Projects as of June 2001. *Prepared for NVAC Meeting* .
- Rec# 732. CDC. 2001. *National Report on Human Exposure to Environmental Chemicals* NCEH Pub No. 01-0164.

- Rec# 1100. CDC. 2001. Revised Draft Protocol for Study of Thimerosal-containing Vaccines and Neurodevelopmental Disorders Based on Consultant Comments. Not officially approved (6/8/01). *Submitted to Immunization Safety Review Committee by Gina Mootrey.*
- Rec# 1108. CDC. Update on Thimerosal. [Online]. Available: <http://www.cdc.gov/nip/vacsafe/concerns/thimerosal/> [accessed June 22, 2001].
- Rec# 884. Cernichiari E, Toribara TY, Liang L, et al. 1995. The biological monitoring of mercury in the Seychelles study. *Neurotoxicology* 16(4):613-28.
- Rec# 1122. Chakrabarti S, Fombonne E. 2001. Pervasive developmental disorders in preschool children. *JAMA* 285(24):3093-3099.
- Rec# 1028. Chervonskaia GP, Kravchenko AT, Runova VF, Bedniagin VM, Grinberg KN. Cytotoxic action of the chemical substances found as admixtures in medical immunobiological preparations. *Zh Mikrobiol Epidemiol Immunobiol.* 1988;85-90.
- Rec# 999. Choi BH. The effects of methylmercury on the developing brain. *Prog Neurobiol.* 1989;32:447-70.
- Rec# 817. Cinca I, Dumitrescu I, Onaca P, Serbanescu A, Nestorescu B. 1980. Accidental ethyl mercury poisoning with nervous system, skeletal muscle, and myocardium injury. *J Neurol Neurosurg Psychiatry* 43(2):143-9.
- Rec# 792. Clarkson TW. 1972. The pharmacology of mercury compounds. *Annu Rev Pharmacol* 12(96):375-406.
- Rec# 775. Clarkson TW. 1997. The toxicology of mercury. *Crit Rev Clin Lab Sci* 34(4):369-403.
- Rec# 737. Clements CJ, Ball LK, Ball R, Pratt D. 2000. Thiomersal in vaccines. *Lancet* 355(9211):1279-80.
- Rec# 848. Cranmer M, Gilbert S, Cranmer J. 1996. Neurotoxicity of mercury--indicators and effects of low-level exposure: overview. *Neurotoxicology* 17(1):9-14.
- Rec# 852. Cuomo V, Ambrosi L, Annau Z, Cagiano R, Brunello N, Racagni G. 1984. Behavioural and neurochemical changes in offspring of rats exposed to methyl mercury during gestation. *Neurobehav Toxicol Teratol* 6(3):249-54.
- Rec# 1095. Cure Autism Now. Proposals that examine the possible metabolic, molecular, genetic or other response to mercury as it relates to autism. www.safeminds.org/canrfp.htm [accessed June 8, 2001].
- Rec# 969. Damluji S. Mercurial poisoning with the fungicide Granosan M. 1962. *J Fac Med Baghdad* 4(3):83-103.
- Rec# 850. Dave V, Mullaney KJ, Goderie S, Kimelberg HK, Aschner M. 1994. Astrocytes as

- mediators of methylmercury neurotoxicity: effects on D-aspartate and serotonin uptake. *Dev Neurosci* 16(3-4):222-31.
- Rec# 887. Davidson PW, Myer GJ, Shamlaye C, et al. 1999. Association between prenatal exposure to methylmercury and developmental outcomes in Seychellois children: effect modification by social and environmental factors. *Neurotoxicology* 20(5):833-41.
- Rec# 651. Davidson PW, Myers GJ, Cox C, et al. 1998. Effects of prenatal and postnatal methylmercury exposure from fish consumption on neurodevelopment: outcomes at 66 months of age in the Seychelles Child Development Study. *JAMA* 280(8):701-7.
- Rec# 671. Davidson PW, Myers GJ, Cox C, et al. 1995. Neurodevelopmental test selection, administration, and performance in the main Seychelles child development study. *Neurotoxicology* 16(4):665-76.
- Rec# 226. Davidson PW, Myers GJ, Cox C, et al. 1995. Longitudinal neurodevelopmental study of Seychellois children following in utero exposure to methylmercury from maternal fish ingestion: outcomes at 19 and 29 months. *Neurotoxicology* 16(4):677-88.
- Rec# 888. Davidson PW, Palumbo D, Myers GJ, et al. 2000. Neurodevelopmental outcomes of Seychellois children from the pilot cohort at 108 months following prenatal exposure to methylmercury from a maternal fish diet. *Environ Res* 84(1):1-11.
- Rec# 886. Davidson PW, Weiss B, Myers GJ, et al. 2000. Evaluation of techniques for assessing neurobehavioral development in children. *Neurotoxicology* 21(6):957-72.
- Rec# 998. Davis LE, Kornfeld M, Mooney HS, et al. Methylmercury poisoning: long-term clinical, radiological, toxicological, and pathological studies of an affected family. *Ann Neurol*. 1994;35:680-8.
- Rec# 1067. Davis RL, Verstraeten T, Gu D, DeStefano F, Thompson RS, Chen RT. 2000. Infant exposure to thimerosal-containing vaccines and risk for subsequent neurologic and renal disease. *Abstract presented at Pediatric Academic Societies and American Academy of Pediatrics Joint Meeting , Hynes Convention Center, Boston. May 12-16, 2000.*
- Rec# 721. Dutczak WJ, Clarkson TW, Ballatori N. 1991. Biliary-hepatic recycling of a xenobiotic: gallbladder absorption of methyl mercury. *Am J Physiol* 260(6 Pt 1):G873-80.
- Rec# 1047. Edelson SB, Cantor DS. Autism: xenobiotic influences. *Toxicol Ind Health*. 1998;14:553-63.
- Rec# 1077. El-Dahr JM. 2001. Immune dysfunction and autoimmunity in autism: Comparisons with mercury. *PowerPoint Presentation Submitted to Immunization Safety Review Committee .*
- Rec# 865. El-Fawal HA, Waterman SJ, De Feo A, Shamy MY. 1999 Oct. Neuroimmunotoxicology: humoral assessment of neurotoxicity and autoimmune

- mechanisms. *Environ Health Perspect* 107 Suppl 5(1):767-75.
- Rec# 1103. EPA. Water quality criteria: Notice of availability of water quality criterion for the protection of human health: Methylmercury. *Federal Register* 66(5):1344-1359.
- Rec# 758. EPA. *Mercury Study Report to Congress: Volume 1 Executive Summary*; 1997EPA 452/R-97-003.
- Rec# 845. Fagala GE, Wigg CL. 1992. Psychiatric manifestations of mercury poisoning. *J Am Acad Child Adolesc Psychiatry* 31(2):306-11.
- Rec# 591. Fagan DG, Pritchard JS, Clarkson TW, Greenwood MR. 1977. Organ mercury levels in infants with omphaloceles treated with organic mercurial antiseptic. *Arch Dis Child* 52(12):962-4.
- Rec# 966. Fang SC, Fallin E. Uptake and subcellular cleavage of organomercury compounds by rat liver and kidney. *Chem Biol Interact.* 1974;9:57-64.
- Rec# 1104. FDA. Action level for mercury on fish, shellfish, crustaceans, and other aquatic animals. *Federal Register* 44(14):3990-3993.
- Rec# 1074. FDA. 1999. Mercury compounds in drugs and food. 1-2, 6-7.
- Rec# 1073. FDA. 1999. Thimerosal in Vaccines. *Presentation Made by William Egan to the FDA CBER Vaccine Advisory Committee* .
- Rec# 1076. FDA. 2001. Thimerosal content in some currently manufactured U.S. licensed vaccines (table). Available online www.fda.gov/cber/vaccine/thimcnt.htm. [accessed July 10, 2001]
- Rec# 942. Feudtner C, Marcuse EK. 2001. Ethics and immunization policy: promoting dialogue to sustain consensus. *Pediatrics* 107(5):1158-64.
- Rec# 1120. Friberg L. 1971. Methylmercury in fish: A toxicological-epidemiologic evaluation of risks reports from an expert panel. *Nord Hyg Tidskr* 4(Suppl):19-31.
- Rec# 963. Frumkin H, Manning CC, Williams PL, et al. Diagnostic chelation challenge with DMSA: a biomarker of long-term mercury exposure? *Environ Health Perspect.* 2001;109:167-71.
- Rec# 1029. Gasset AR, Itoi M, Ishii Y, Ramer RM. Teratogenicities of ophthalmic drugs. II. Teratogenicities and tissue accumulation of thimerosal. *Arch Ophthalmol.* 1975;93:52-55.
- Rec# 1004. Ginsberg GL, Toal BF. Development of a single-meal fish consumption advisory for methyl mercury. *Risk Anal.* 2000;20:41-7.
- Rec# 1121. Goldman LR, Shannon MW, Committee on Environmental Health. 2001. Technical report: Mercury in the environment: Implications for pediatricians. *Pediatrics*

108(1):197-205.

- Rec# 964. Goyer RA. Chelation of toxic metals: current interests. *Environ Health Perspect.* 1995;103:988-9.
- Rec# 230. Grandjean P, Budtz-Jorgensen E, White RF, et al. 1999. Methylmercury exposure biomarkers as indicators of neurotoxicity in children aged 7 years. *Am J Epidemiol* 150(3):301-5.
- Rec# 598. Grandjean P, Weihe P. 1993. Neurobehavioral effects of intrauterine mercury exposure: potential sources of bias. *Environ Res* 61(1):176-83.
- Rec# 604. Grandjean P, Weihe P, Jorgensen PJ, Clarkson T, Cernichiari E, Videro T. 1992. Impact of maternal seafood diet on fetal exposure to mercury, selenium, and lead. *Arch Environ Health* 47(3):185-95.
- Rec# 654. Grandjean P, Weihe P, White RF. 1995. Milestone development in infants exposed to methylmercury from human milk. *Neurotoxicology* 16(1):27-33.
- Rec# 664. Grandjean P, Weihe P, White RF, Debes F. 1998. Cognitive performance of children prenatally exposed to "safe" levels of methylmercury. *Environ Res* 77(2):165-72.
- Rec# 659. Grandjean P, Weihe P, White RF, et al. 1997. Cognitive deficit in 7-year-old children with prenatal exposure to methylmercury. *Neurotoxicol Teratol* 19(6):417-28.
- Rec# 1087. Griffin MR. 2001. Summary of neurodevelopmental examination study protocol. *Rapporteur's Report From National Immunization Program, of CDC, Meeting* .
- Rec# 827. Haeney MR, Carter GF, Yeoman WB, Thompson RA. 1979. Long-term parenteral exposure to mercury in patients with hypogammaglobulinaemia. *Br Med J* 2(6181):12-4.
- Rec# 1078. Haley B. 2001. Possible relevance of thimerosal to autism. Letter to IOM Immunization Safety Review Committee.
- Rec# 229. Halsey NA. 1999. Limiting infant exposure to thimerosal in vaccines and other sources of mercury. *JAMA* 282(18):1763-6.
- Rec# 1069. Halsey NA. 1999. Perspective on the Use of Thimerosal-Containing Vaccines. *Slides*.
- Rec# 668. Harada M. 1995. Minamata disease: methylmercury poisoning in Japan caused by environmental pollution. *Crit Rev Toxicol* 25(1):1-24.
- Rec# 1003. Hattis D. The challenge of mechanism-based modeling in risk assessment for neurobehavioral end points. *Environ Health Perspect.* 1996;104 Suppl 2:381-90.
- Rec# 1002. Hattis D, Banati P, Goble R. Distributions of individual susceptibility among humans for toxic effects. How much protection does the traditional tenfold factor provide for

- what fraction of which kinds of chemicals and effects? *Ann N Y Acad Sci.* 1999;895:286-316.
- Rec# 1007. Hattis D, Glowa J, Tilson H, Ulbrich B. Risk assessment for neurobehavioral toxicity: SGOMSEC joint report. *Environ Health Perspect.* 1996;104 Suppl 2:217-26.
- Rec# 1057. Hepatitis Control Report. 1999. Uproar over a little-known preservative, thimerosal, jostles U.S. hepatitis B vaccination policy. *Hepatitis Control Report* 4(2):1-11.
- Rec# 855. Hu H, Moller G, Abedi-Valugerdi M. 1997. Major histocompatibility complex class II antigens are required for both cytokine production and proliferation induced by mercuric chloride in vitro. *J Autoimmun* 10(5):441-6.
- Rec# 844. Hua MS, Huang CC, Yang YJ. 1996. Chronic elemental mercury intoxication: neuropsychological follow-up case study. *Brain Inj* 10(5):377-84.
- Rec# 847. Hunter D , Bomfort RR , Russell DS. 1940. Poisoning by methyl mercury compounds. *Quarterly Journal of Medicine* 35:193-213.
- Rec# 877. Hurie MB, Saari TN, Davis JP. 2001. Impact of the joint statement by the American Academy of Pediatrics/US Public Health Service on thimerosal in vaccines on hospital infant hepatitis b vaccination practices. *Pediatrics* 107(4):755-8.
- Rec# 864. Ilback NG. 1991. Effects of methyl mercury exposure on spleen and blood natural killer (NK) cell activity in the mouse. *Toxicology* 67(1):117-24.
- Rec# 973. Ilback NG, Sundberg J, Oskarsson A. Methyl mercury exposure via placenta and milk impairs natural killer (NK) cell function in newborn rats. *Toxicol Lett.* 1991;58:149-58.
- Rec# 929. Jalili MA , Abbasi AH. 1961. Poisoning by ethyl mercury toluene sulphonanilide. *Brit J Industr Med* 18:303-308.
- Rec# 832. Jamieson WA , Powell HM. 1931. Merthiolate as a preservative for biological products. *Amer Journ Hyg* 14:218-224.
- Rec# 1119. Jennings P. Adverse outcomes and thimerosal exposure: Biological mechanisms. E-mail to Immunization Safety Review committee. May 15, 2001.
- Rec# 866. Johansson U, Hansson-Georgiadis H, Hultman P. 1998. The genotype determines the B cell response in mercury-treated mice. *Int Arch Allergy Immunol* 116(4):295-305.
- Rec# 1021. Kerper LE, Ballatori N, Clarkson TW. Methylmercury transport across the blood-brain barrier by an amino acid carrier. *Am J Physiol.* 1992;262:R761-5.
- Rec# 1102. Kjellstrom T, Kennedy P, Wallis S, Mantell C. 1986. Physical and mental development of children with prenatal exposure to mercury from fish. Stage I: Preliminary tests at age 4 (abstract only). *National Swedish Environmental Protection Board Report* 3080 .

- Rec# 1101. Kjellstrom T, Kennedy P, Wallis S, et al. 1989. Physical and mental development of children with prenatal exposure to mercury from fish. Stage II: Interviews and psychological tests at age 6. *National Swedish Environmental Protection Board Report 3642* .
- Rec# 993. Koos BJ, Longo LD. Mercury toxicity in the pregnant woman, fetus, and newborn infant. A review. *Am J Obstet Gynecol*. 1976;126:390-409.
- Rec# 1030. Kostial K, Kello D, Jugo S, Rabar I, Maljkovic T. Influence of age on metal metabolism and toxicity. *Environ Health Perspect*. 1978;25:81-6.
- Rec# 734. Kravchenko AT, Dzagurov SG, Chervonskaia GP. 1983. Evaluation of the toxic action of prophylactic and therapeutic preparations on cell cultures. III. The detection of toxic properties in medical biological preparations by the degree of cell damage in the L132 continuous cell line. *Zh Mikrobiol Epidemiol Immunobiol* (3):87-92.
- Rec# 1027. Kravchenko AT, Sovetova GP, Chebotareva SV. Evaluation of the toxic action of prophylactic and therapeutic preparations on cell cultures of different types and origin. II. The cytotoxic action of adsorbed DPT vaccine and its components on cells of the continuous L132 line. *Zh Mikrobiol Epidemiol Immunobiol*. 1982;53-7.
- Rec# 1106. Kravchenko AT, Dzagurov SG, Chervonskaia GP. 1983. Evaluation of the toxic action of prophylactic and therapeutic preparations on cell cultures. III. The detection of toxic properties in medical biological preparations by the degree of cell damage in the L132 continuous cell line. *Zh Mikrobiol Epidemiol Immunobiol* 3:87-92.
- Rec# 893. Lapham LW, Cernichiari E, Cox C, et al. 1995. An analysis of autopsy brain tissue from infants prenatally exposed to methylmercury. *Neurotoxicology* 16(4):689-704.
- Rec# 894. Lebel J, Mergler D, Lucotte M, et al. 1996. Evidence of early nervous system dysfunction in Amazonian populations exposed to low-levels of methylmercury. *Neurotoxicology* 17(1):157-67.
- Rec# 1018. Lehotzky K, Szeberenyi JM, Ungvary G, Kiss A. Behavioral effects of prenatal methoxy-ethyl-mercury chloride exposure in rat pups. *Neurotoxicol Teratol*. 1988;10:471-4.
- Rec# 822. Leone G, Schintu S, Porfiri R, Landolfi R, Bizzi B. 1979. Human platelet aggregation by thimerosal. Functional and ultrastructural studies. *Haemostasis* 8(6):390-9.
- Rec# 586. Lowell JA, Burgess S, Shenoy S, Curci JA, Peters M, Howard TK. 1996. Mercury poisoning associated with high-dose hepatitis-B immune globulin administration after liver transplantation for chronic hepatitis B. *Liver Transpl Surg* 2(6):475-8.
- Rec# 803. Lucier G , Boyer R. *Report of the Workshop Proceedings of Conference Organized by Committee on Environmental and Natural Resources*. Washington, DC: Committee on Environmental and Natural Resources, Office and Science and Technology Policy, The White House. National Institute of Environmental Health Sciences; 1998.

- Rec# 1116. MacIntyre P. Information on Thimerosal . E-mail to Immunization Safety Review committee. May 10, 2001.
- Rec# 797. Magos L. 2001. Review on the toxicity of ethylmercury, including its presence as a preservative in biological and pharmaceutical products. *J Appl Toxicol* 21(1):1-5.
- Rec# 1123. Magos L. 2001. Answers to questions on the toxicity of ethylmercury. *Prepared for the Institute of Medicine Immunization Safety Review Committee* .
- Rec# 740. Magos L, Brown AW, Sparrow S, Bailey E, Snowden RT, Skipp WR. 1985. The comparative toxicology of ethyl- and methylmercury. *Arch Toxicol* 57(4):260-7.
- Rec# 728. Mahaffey KR. 1998. Methylmercury exposure and neurotoxicity. *JAMA* 280(8):737-8.
- Rec# 727. Mahaffey KR. 1999. Methylmercury: a new look at the risks. *Public Health Rep* 114(5):396-9, 402-13.
- Rec# 605. Marsh DO, Clarkson TW, Cox C, Myers GJ, Amin-Zaki L, Al-Tikriti S. 1987. Fetal methylmercury poisoning. Relationship between concentration in single strands of maternal hair and child effects. *Arch Neurol* 44(10):1017-22.
- Rec# 897. Marsh DO, Clarkson TW, Myers GJ, et al. 1995. The Seychelles study of fetal methylmercury exposure and child development: introduction. *Neurotoxicology* 16(4):583-96.
- Rec# 834. Mason MM , Cate CC , Baker J. 1971. Toxicology and carcinogenesis of various chemicals used in the preparation of vaccines. *Clinical Toxicology* 4:185-204.
- Rec# 590. Matheson DS, Clarkson TW, Gelfand EW. 1980. Mercury toxicity (acrodynia) induced by long-term injection of gammaglobulin. *J Pediatr* 97(1):153-5.
- Rec# 1115. May JC, Rains TC, Maienthal FJ, Biddle GN, Progar JJ. 1986. A survey of the concentrations of eleven metals in vaccines, allergenic extracts, toxoids, blood, blood derivatives and other biological products. *Journal of Biological Standardization* 14(4):363-375.
- Rec# 1079. McGinnis WR. 2001. Mercury and the autistic gut disease (in press). *Environmental Health Perspectives* .
- Rec# 600. McKeown-Eyssen GE, Ruedy J, Neims A. 1983. Methyl mercury exposure in northern Quebec. II. Neurologic findings in children. *Am J Epidemiol* 118(4):470-9.
- Rec# 1118. Meserlian D. Review and comment on VOSI V50.2 Standard & Research Report on Vaccine Action by FDA, CDC & DOEd (report included). E-mail to Immunization Safety Review committee. May 13, 2001.
- Rec# 1093. Miller E, Andrews N, Waight P. 2001. Investigations of a possible link between thiomersal-containing vaccines and neurological developmental delay using the UK

General Practice Research Database. *Submitted to Immunization Safety Review Committee by E. Miller .*

- Rec# 833. Morgan LC , Jamieson WA , Powell HM. 1932. Merthiolate as a preservative for biological products. *The Journal of Immunology* 25(2):121-126.
- Rec# 843. Musiek FE, Hanlon DP. 1999. Neuroaudiological effects in a case of fatal dimethylmercury poisoning. *Ear Hear* 20(3):271-5.
- Rec# 949. Myers GJ, Davidson PW. 1998 Jun. Prenatal methylmercury exposure and children: neurologic, developmental, and behavioral research. *Environ Health Perspect* 106 (Suppl 3):841-7.
- Rec# 902. Myers GJ, Davidson PW, Cox C, Shamlaye C, Cernichiari E, Clarkson TW. 2000. Twenty-seven years studying the human neurotoxicity of methylmercury exposure. *Environ Res* 83(3):275-85.
- Rec# 662. Myers GJ, Davidson PW, Cox C, et al. 1995. Neurodevelopmental outcomes of Seychellois children sixty-six months after in utero exposure to methylmercury from a maternal fish diet: pilot study. *Neurotoxicology* 16(4):639-52.
- Rec# 901. Myers GJ, Davidson PW, Palumbo D, et al. 2000 Sep. Secondary analysis from the Seychelles Child Development Study: the child behavior checklist. *Environ Res* 84(1):12-9.
- Rec# 653. Myers GJ, Davidson PW, Shamlaye CF, et al. 1997. Effects of prenatal methylmercury exposure from a high fish diet on developmental milestones in the Seychelles Child Development Study. *Neurotoxicology* 18(3):819-29.
- Rec# 663. Myers GJ, Marsh DO, Cox C, et al. 1995. A pilot neurodevelopmental study of Seychellois children following in utero exposure to methylmercury from a maternal fish diet. *Neurotoxicology* 16(4):629-38.
- Rec# 672. Myers GJ, Marsh DO, Davidson PW, et al. 1995. Main neurodevelopmental study of Seychellois children following in utero exposure to methylmercury from a maternal fish diet: outcome at six months. *Neurotoxicology* 16(4):653-64.
- Rec# 1109. NIH. November 15, 1999. Thimerosal and vaccines. [Online]. Available: <http://cerhr.niehs.nih.gov/genpub/topics/thimerosal-ccae.htm> [accessed July 10, 2001].
- Rec# 826. Nishio H, Nezasa K, Hirano J, Nakata Y. 1996. Effects of thimerosal, an organic sulfhydryl modifying agent, on serotonin transport activity into rabbit blood platelets. *Neurochem* 29(4):391-6.
- Rec# 1107. NRC; Risk Assessment in the Federal Government Managing Process. NRCWashington DC: National Academy Press; 1983.
- Rec# 970. NRC (National Research Council). Toxicological Effects of Methylmercury.

Washington, D.C.: National Academy Press; 2000.

- Rec# 838. O'Carroll RE, Masterton G, Dougall N, Ebmeier KP, Goodwin GM. 1995. The neuropsychiatric sequelae of mercury poisoning. The Mad Hatter's disease revisited. *Br J Psychiatry* 167(1):95-8.
- Rec# 960. Offit PA. Preventing harm from thimerosal in vaccines. *JAMA*. 2000;283:2104; discussion 2105.
- Rec# 955. Oram RJ, Daum RS, Seal JB, Lauderdale DS. Impact of recommendations to suspend the birth dose of hepatitis B virus vaccine. *JAMA*. 2001;285:1874-9.
- Rec# 1117. Owens S. Your request for information (with references). E-mail to Immunization Safety Review committee. May 15, 2001.
- Rec# 1080. Pangborn JB. Thimerosal inhibition of DPPIV-CD26-Adenosine Deaminase Activity. E-mail to Immunization Safety Review committee. May 14, 2001.
- Rec# 587. Pfab R, Muckter H, Roeder G, Zilker T. 1996. Clinical course of severe poisoning with thiomersal. *J Toxicol Clin Toxicol* 34(4):453-60.
- Rec# 733. Pichichero ME , Clarkson T , Lepricato J , Cernichiari E , Tremor J. Blood Mercury Levels to Infants Receiving Thimerosal Containing Vaccines (Abstract). *Pediatric Research*.
- Rec# 595. Pless R, Risher JF. 2000. Mercury, infant neurodevelopment, and vaccination. *J Pediatr* 136(5):571-3.
- Rec# 756. Pless R , Risher JF. 2001. Mercury toxicity. *The Journal of Pediatrics* 138(3):451.
- Rec# 831. Powell HM , Jamieson WA. 1931. Merthiolate as a germicide. *Am J Hyg* 13:296-310.
- Rec# 958. PRNewswire. 2001. New Research Suggests Cause of Autism.
- Rec# 1091. Redwood L. 2001. Comments on the CDC Vaccine Safety Datalink. *Letter to IOM Immunization Safety Review Committee* .
- Rec# 1084. Redwood L, Bernard S. 2001. Predicted mercury concentrations in hair from infant immunizations: Cause for concern. *Submitted to Immunization Safety Review Committee* .
- Rec# 304. Rodier PM. 1995. Developing brain as a target of toxicity. *Environ Health Perspect* 103 Suppl 6:73-6.
- Rec# 793. Rohyans J, Walson PD, Wood GA, MacDonald WA. 1984. Mercury toxicity following merthiolate ear irrigations. *J Pediatr* 104(2):311-3.
- Rec# 868. Rosenspire AJ, Bodepudi S, Mathews M, McCabe MJ. 1998. Low levels of ionic mercury modulate protein tyrosine phosphorylation in lymphocytes. *Int J Immunopharmacol* 20(12):697-707.

- Rec# 841. Ross WD, Gechman AS, Sholiton MC, Paul HS. 1977. Need for alertness to neuropsychiatric manifestations of inorganic mercury poisoning. *Compr Psychiatry* 18(6):595-8.
- Rec# 851. Rossi AD, Ahlbom E, Ogren SO, Nicotera P, Ceccatelli S. 1997. Prenatal exposure to methylmercury alters locomotor activity of male but not female rats. *Exp Brain Res* 117(3):428-36.
- Rec# 956. Seal JB, Daum RS. What happened to primum non nocere? *Pediatrics*. 2001;107:1177-8.
- Rec# 914. Shamlaye CF, Marsh DO, Myers GJ, et al. 1995. The Seychelles child development study on neurodevelopmental outcomes in children following in utero exposure to methylmercury from a maternal fish diet: background and demographics. *Neurotoxicology* 16(4):597-612.
- Rec# 593. Stajich GV, Lopez GP, Harry SW, Sexson WR. 2000. Iatrogenic exposure to mercury after hepatitis B vaccination in preterm infants. *J Pediatr* 136(5):679-81.
- Rec# 1086. Stehr-Green PA. 2000. Summary and conclusions: Review of Vaccine Safety Datalink information on thimerosal-containing vaccines. *Rapporteur's Report of National Immunization Program of the CDC, Meeting* .
- Rec# 741. Suda I, Totoki S, Takahashi H. 1991. Degradation of methyl and ethyl mercury into inorganic mercury by oxygen free radical-producing systems: involvement of hydroxyl radical. *Arch Toxicol* 65(2):129-34.
- Rec# 1013. Suda I, Totoki S, Uchida T, Takahashi H. Degradation of methyl and ethyl mercury into inorganic mercury by various phagocytic cells. *Arch Toxicol*. 1992;66:40-4.
- Rec# 968. Suzuki T, Miyama T, Katsunuma H. Comparative study of bodily distribution of mercury in mice after subcutaneous administration of methyl, ethyl, and n-propyl mercury acetates. 1963;33: 5:277-282.
- Rec# 828. Suzuki T, Takemoto T, Kashiwazaki H, Miyama T. 1973. Metabolic fate of ethylmercury salts in man and animal. MW Miler, TW Clarkson, Editors. *Mercury, Mercurials and Mercaptans*.
- Rec# 1016. Takeda Y, Kunugi T, Terao T, Ukita T. Mercury compounds in the blood of rats treated with ethylmercuric chloride. *Toxicol Appl Pharmacol*. 1968;13:165-73.
- Rec# 1015. Takeda Y, Ukita T. Metabolism of ethylmercuric chloride-203Hg in rats. *Toxicol Appl Pharmacol*. 1970;17:181-8.
- Rec# 739. Tan M, Parkin JE. 2000. Route of decomposition of thiomersal (thimerosal). *Int J Pharm* 208(1-2):23-34.
- Rec# 1096. The M.I.N.D. Institute. 2001. The relationship between vaccines and vaccine

products and the etiology of autism and other neurodevelopmental disorders.
www.safeminds.org/mindrfp.htm .

- Rec# 746. Thomas DJ, Fisher HL, Hall LL, Mushak P. 1982. Effects of age and sex on retention of mercury by methyl mercury-treated rats. *Toxicol Appl Pharmacol* 62(3):445-54.
- Rec# 869. Thuvander A, Sundberg J, Oskarsson A. 1996. Immunomodulating effects after perinatal exposure to methylmercury in mice. *Toxicology* 114(2):163-75.
- Rec# 1097. U.S. House Committee on Government Reform. 2000. Testimonies from "Mercury In Medicine - Are We Taking Unnecessary Risks?" Hearing.
- Rec# 1098. U.S. House Committee on Government Reform. 2001. Selected testimonies related to mercury from "Autism - Why the Increased Rates?" hearing.
- Rec# 1068. University of Rochester. Predicted Infant Blood Hg from Vaccine Injections. Mercury Blood Model.
- Rec# 1088. Verstraeten T. Assessment of neurologic and renal impairment associated with thimerosal containing vaccines. *PowerPoint Presentation Submitted to IOM Committee. Originally Presented to National Immunization Program of the CDC* .
- Rec# 1089. Verstraeten T. Risk of neurologic and renal impairment associated with thimerosal-containing vaccine. *PowerPoint Presentation Submitted to IOM Committee. Originally Presented to the National Immunization Program of the CDC* .
- Rec# 1090. Verstraeten T. 2000. Vaccine additives: Thimerosal update. *Transcript of Presentation to the Advisory Committee on Immunization Practices* .
- Rec# 1114. Verstraeten T, Davis R, DeStefano F, VSD team. Risk of neurologic and renal impairment associated with thimerosal-containing vaccine (DRAFT).
- Rec# 839. Vroom FQ, Greer M. 1972. Mercury vapour intoxication. *Brain* 95(2):305-18.
- Rec# 1022. Walsh CT. The influence of age on the gastrointestinal absorption of mercuric chloride and methyl mercury chloride in the rat. *Environ Res.* 1982;27:412-20.
- Rec# 957. Walsh W , Usman A. Metal-metabolism and autism. 2001:New Orleans.
- Rec# 854. Warfvinge K, Hua J, Logdberg B. 1994. Mercury distribution in cortical areas and fiber systems of the neonatal and maternal adult cerebrum after exposure of pregnant squirrel monkeys to mercury vapor. *Environ Res* 67(2):196-208.
- Rec# 857. Warren RP, Odell JD, Warren WL, et al. 1996. Strong association of the third hypervariable region of HLA-DR beta 1 with autism. *J Neuroimmunol* 67(2):97-102.
- Rec# 1113. Waters & Kraus LLP. *Counter Et Al., V. Abbott Laboratories Et Al.* 2001.
- Rec# 823. Westphal GA, Schnuch A, Schulz TG, et al. 2000. Homozygous gene deletions of the

glutathione S-transferases M1 and T1 are associated with thimerosal sensitization. *Int* 73(6):384-8.

Rec# 738. WHO. 2000. Thiomersal as a vaccine preservative. *Wkly Epidemiol Rec* 75(2):12-6.

Rec# 859. Wild LG, Ortega HG, Lopez M, Salvaggio JE. 1997. Immune system alteration in the rat after indirect exposure to methyl mercury chloride or methyl mercury sulfide. *Environ Res* 74(1):34-42.

Rec# 1081. Windham B. Neurological and immune reactive conditions affecting kids: The mercury connection to neurological pervasive developmental disorders (autism, schizophrenia, dyslexia, ADD, childhood depression, learning disabilities, OCS, etc.) and immune conditions (eczema, lupus, asthma, and allergies). E-mail to Immunization Safety Review committee. May 7, 2001.

Rec# 846. Yeates KO, Mortensen ME. 1994 Apr. Acute and chronic neuropsychological consequences of mercury vapor poisoning in two early adolescents. *J Clin Exp Neuropsychol* 16(2):209-22.

Rec# 1012. Yonaha M, Ishikura S, Uchiyama M. Toxicity of organic mercury compounds. IV. Metabolism and excretion of alkoxyethylmercury compounds in mice. *Chem Pharm Bull (Tokyo)*. 1975;23:1726-32.

Rec# 820. Zhang J. 1984. Clinical observations in ethyl mercury chloride poisoning. *Am J Ind Med* 5(3):251-8.