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Nota di contenuto	IMMUNIZATION SAFETY REVIEW -- Copyright -- Acknowledgments -- Contents -- Executive Summary -- PLAUSIBILITY ASSESSMENT -- Biological Plausibility -- Causality -- SIGNIFICANCE ASSESSMENT -- PUBLIC HEALTH RESPONSE -- Policy Review and Analysis -- Public Health and Biomedical Research -- Epidemiological Research -- Clinical Research -- Basic Science Research -- Communications -- SUMMARY -- REFERENCES -- Immunization Safety Review: Thimerosal-Containing Vaccines and Neurodevelopmental Disorders -- ORIGINS OF THE IMMUNIZATION SAFETY REVIEW PROJECT -- THE CHARGE TO THE

COMMITTEE -- THE STUDY PROCESS -- THE FRAMEWORK FOR ASSESSING CAUSALITY -- UNDER REVIEW: THIMEROSAL-CONTAINING VACCINES AND NEURODEVELOPMENTAL DISORDERS -- Thimerosal in Vaccines -- Neurodevelopmental Disorders -- Autism -- Attention Deficit/Hyperactivity Disorder (ADHD) -- Speech or Language Delay -- PLAUSIBILITY ASSESSMENT -- Evidence Regarding Association: Biological Plausibility -- Mercury Toxicokinetics -- Comparisons of Ethylmercury and Methylmercury -- Health Effects of High-Dose Exposures to Thimerosal, Ethylmercury, and Methylmercury -- Health Effects of Low-Dose Exposures to Thimerosal and Methylmercury -- Investigations Related to Mercury and Heavy Metals in Children with Autism -- Application of Methylmercury Exposure Guidelines to Thimerosal Exposure from Vaccines -- Biological Plausibility Argument -- Evidence Regarding Association: Case Reports, Case Series, and Uncontrolled and Controlled Epidemiological Studies -- Case Reports and Case Series -- Epidemiological Studies -- CAUSALITY ARGUMENT -- SIGNIFICANCE ASSESSMENT -- Concern Regarding Neurodevelopmental Disorders -- Continued Exposure to Thimerosal -- Use of Thimerosal-Containing Vaccines in Other Countries -- Confusion from Changes in Hepatitis B Immunization Policy -- Trust in the Safety of Vaccines -- Conclusion.

RECOMMENDATIONS REGARDING THE PUBLIC HEALTH RESPONSE -- Policy Review and Analysis -- Public Health and Biomedical Research -- Epidemiological Studies -- Clinical Studies -- Basic Science Studies -- Communications -- SUMMARY -- REFERENCES -- Appendix A

Immunization Safety Review: Measles-Mumps-Rubella Vaccine and Autism Executive Summary -- OVERVIEW OF THE IMMUNIZATION SAFETY REVIEW PROJECT -- THE HYPOTHEZIZED RELATIONSHIP BETWEEN MMR AND AUTISM -- PLAUSIBILITY ASSESSMENT -- SIGNIFICANCE ASSESSMENT -- RECOMMENDATIONS -- Public Health Response -- Policy Review -- Research Regarding MMR and ASD -- Communications -- General and Crosscutting Issues -- SUMMARY -- REFERENCES -- Appendix B Monday, July 16, 2001 Meeting Agenda -- Appendix C Thimerosal Content in Licensed Vaccines -- Appendix D Immunization Safety Review Committee Biosketches -- Board on Health Promotion Disease Prevention Liaison.

Sommario/riassunto

In this report, the Immunization Safety Review committee examines the hypothesis of whether or not the use of vaccines containing the preservative thimerosal can cause neurodevelopmental disorders (NDDs), specifically autism, attention deficit/hyperactivity disorder (ADHD), and speech or language delay.