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Autism and Infection [] Immunization

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The possible association of autism with infection or immunization has been reported since the 1970s Tanoue et all reported on the basis of their birth cohort that the births of autistic children were more frequent among those born in Aprill June and that more frequent bronchitis pneumonia hospitalization occurred when a higher prevalence of autistic children was recorded Malkawashima et all reported that three of nine autistic children born in United Kingdom were positive formeasles H gene as determined by RT IPCR ISII

The prevalence of autism in Japan during the 1980s was 5016 per 1000000 and 210 in 1996 Double in 1996 was difficult to interprettibecause it may have been due to the recent improved screening in routine health checkups the existence of atypical or other pervasive developmental disorders of high function autism the modern pervasive developmental disorders of high function autism the modern pervasive developmental disorders of high function autism the modern pervasive developmental disorders of high function autism the modern pervasive developmental disorders of high function autism the modern pervasive developmental disorders of the modern pervasive developmental disorders developmental disorders developmental disorders developmental disord

More recently the possible involvement of mumps the aslest rube its MMR vaccination in autism has been raised it is the MMR vaccine was introduced in 1989 in Japan the vaccination program was unsuccessful on account of the higher incidence of the associated aseptic meningitis and in 1993 the Ministry of Health and Welfare dissuaded continuation of MMR vaccination [10] in 1989 1992 22 million doses of MMR vaccine and 30 million doses of monovalent measles vaccine [MMV] were distributed in Japan [11] the sale of MMR and MMV vaccines and its relationship to the reported prevalence of autism in Japan is shown in Fig. 11 Kawashima et all claimed that the symptoms developed soon after MMR vaccination in the majority of autistic cases [5] Tanoue et all reported 90 of autistic children are diagnosed by the age of eight [4]

The 1988 B9 birth cohort received approximately 1 B million doses of MMR vaccine and 10 million doses of MMV vaccine A case control study of this population will be of value for elucidating a possible relation between autism and the vaccination of the noted however that a matched case control study using the United Kingdom General Practice Research Database was inconclusive as additional information provided by parents was indispensable in minimizing bias and confounding [12]

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