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Autism may be Linked to Electromagnetic Radiation Levels In Mother's Bedroom During Pregnancy

Pilot Study Finds Over 20x Higher Microwave Power Density Levels in Mothers' Sleeping Locations During Pregnancy

Incidence of autistic babies has increased from 1 in 150 in 2002 to an estimated 1 in 50 babies today. Dr. Dietrich Klinghart, MD, PhD of the Institute of Neurobiology in Seattle recently conducted a pilot study to assess the potential role of electromagnetic frequencies in the dramatic rise in autism and other neurological impairments over the past decade. Various measurements of electromagnetic radiation exposure were assessed in the case of 10 children with neurological impairment, 8 categorized with Autism Spectrum Disorder. Data was obtained for:

- 1) Mothers' Body Voltage in the mothers' sleeping location during pregnancy;**
- 2) Child's Body Voltage in current sleeping location;**
- 3) Microwave Power Density in mothers' sleeping location during pregnancy (microwatt/square meter); and**
- 4) Child's Microwave Exposure in current sleeping location.**

Data for mothers with neurologically impaired children were contrasted with similar data for 5 healthy children and their mothers.

The results were as follows:

Body Voltage Levels:

Median Body Voltage Level in Mom's Bed During Pregnancy*

	Value	Range
Neurologically Impaired Children	1,872 milliVolts	(380-6,040)

Value	Range	
Neurologically Impaired Children	1,872 milliVolts	(380-6,040)
Healthy Group	224 milliVolts	(12-480)
<i>8.4x Higher Body Voltage Levels in Mom's with Neurologically Impaired Children</i>		
<i>*Note research shoes whatever the Body Voltage of the Mom, it is even higher in the fetus.</i>		
Body Voltage of Child in Current Bed Location		
	Value	Range
Neurologically Impaired Children	1,028 milliVolts	(420-4,900)
Healthy Group	120 milliVolts	(0-230)
<i>8.5x Higher Body Voltage in Neurologically Impaired Child's Sleeping Location</i>		
Microwave Exposure:		
Microwave Power Density in Sleeping Location		
Neurologically Impaired Children-Mom's Bed	mw/sq. meter	
Range		
Exposure In Pregnancy 1,710)	290	(110-
Healthy Group	14	(0-67)

Healthy Group

14

(0-67)

20.7x Higher Microwave Power Density in Mom's Sleeping

Location In Cases Where Children Were Neurologically Impaired

This pilot data strongly suggests that electromagnetic radiation in the sleeping environment of mothers during pregnancy, as well as electromagnetic radiation in the sleeping environment of children, may be key undiscovered contributing if not causative factors in neurological impairments in children, including autism. Given increasing levels of ambient electromagnetic radiation in modern environments from society's use of electronic equipment, wireless technologies, such as cell phones and wireless networks, high frequency transients on electric lines, and broadband over power lines (BPL), this association needs immediate further exploration.

Journalists wanting to pursue this story lead can review Dr. Klinghart's slides from the Crayhorn medical conference in July 2008 ([KlinghardtCrayhonBoulderfest08.pdf](#)) and then contact him via his assistant at info@klinghardtneurobiology.com.