



REUNIÓN DEL
PROGRAMA DE
VACUNACIONES DE LA
REGIÓN DE MURCIA



MURCIA
11 DE MAYO DE 2007
HOTEL NELVA

Importancia de los registros centralizados de vacunas.

Harald Heijbel
Smittskyddsinstitutet (SMI),
Estocolmo



La importancia de los registros centralizados.

- El uso de los registros.
- Cuál es la situación en la Unión Europea?
- Cómo es el futuro?



“Para mejorar la cobertura de
vacunaciones,
mejore la medición de la
cobertura”

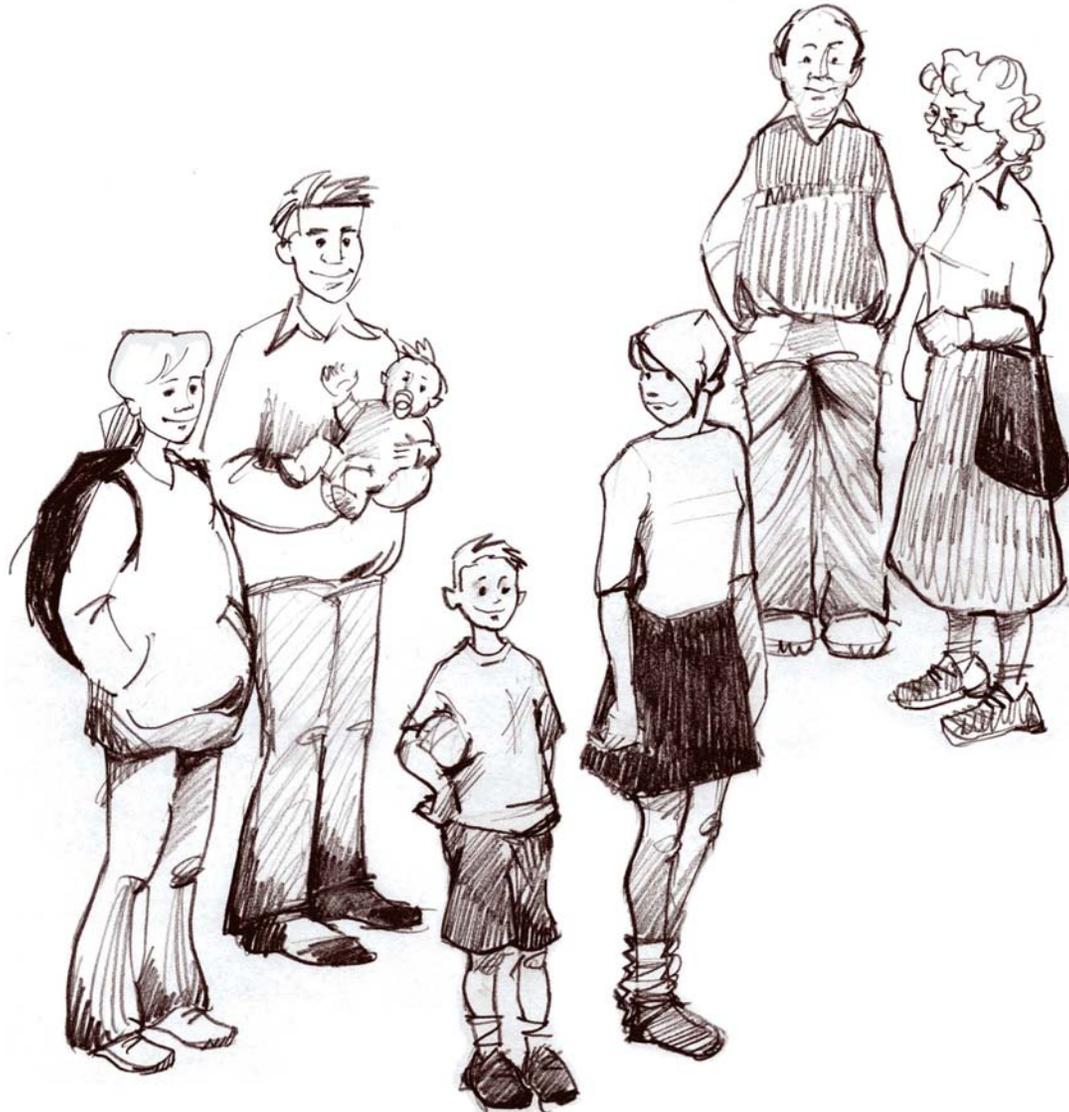
- Papania M, Rodewald L. Lancet Editorial 2006
367 965-6

Usos de registros I

- Cobertura
- Acceso a información sobre vacunas anteriores
- Estudios
 - Seguridad
 - Efectividad



Información al hombre vacunado





MERCURY POISONING AND AUTISM

It isn't a coincidence.

SYMPTOMS OF AUTISM IN CHILDREN

- Loss of Speech
- Social Withdrawal
- Reduced Eye Contact
- Repetitive Behaviors
- Hand-flapping, Toe-walking
- Temper Tantrums
- Sleep Disturbances
- Seizures

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"Mercury is a potent neurotoxin harmful to fetuses and infants' nervous systems. . . Mercury has been linked to developmental disabilities such as autism." - Senator John F. Kerry (D-MA)

"Numerous scientists have testified and presented credible, peer-reviewed research studies that indicated a direct link between the exposure of mercury, a widely known neurotoxin, and the increasing incidence of autism." - Congressman Dan Rostenkowski (D-IL)

"Mounting evidence suggests that thimerosal, a mercury-based preservative in children's vaccines, may be responsible for the exponential growth of autism and other childhood neurological disorders now epidemic in the United States." - Robert F. Kennedy, Jr.

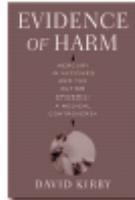
"Mercury is a neurotoxin. And, in the 1990s children - infants and unborn children - were exposed to significant amounts of mercury at the most critical points of their development." - Congressman Dave Wakeman, M.D. (R-FL)

The links between mercury exposure and our autism epidemic can no longer be ignored. Review the evidence in your own K in a new book, *Evidence of Harm*, by journalist David Kirby. www.evidenceofharm.com.

"Kirby makes the unassailable point that American health agencies lagged in calculating the amount of mercury being injected into babies." - *The New York Times*

"Big Pharma's dirty secrets are withheld in part to the Amazon.com sales rank of *Evidence of Harm*." - *Financial Times*

Thousands of children are reversing the symptoms of autism by having the mercury removed from their bodies through detoxification under the care of a properly-trained physician. To find out more about this recent, life-changing news, visit www.generationrescue.com. Generation Rescue was founded for parents by parents. We are dedicated to empowering parents with the truth to help their children heal.



GENERATION RESCUE
www.generationrescue.com

Full page ad: *NY Times*
Generation Rescue

PRESIDENT BUSH

Why is mercury toxic here...



and not here?

In 1999, the United States Government realized that America's children were receiving toxic doses of mercury in their routine vaccinations. The FDA and EPA directed the drug companies to remove mercury from childhood vaccines. But the FDA never issued a recall and the shots stayed on the market, exposing children to mercury levels much higher than EPA limits. Although mercury levels were reduced in many shots after 2002, some vaccines still contain high levels of mercury. For example, a person would have to weigh 500 pounds to safely get some flu shots. In April 2003, President Bush refused to issue an Executive Order banning high amounts of mercury in vaccines, which would have protected pregnant women and children. Under his Administration's current policy, mercury will be knowingly injected into American children and pregnant women until at least 2009... maybe longer. **MERCURY KILLS CELLS. MERCURY IS TOXIC.**

GIVING MERCURY TO CHILDREN ON PURPOSE IS STUPID.

Call President Bush and Congress today to demand that mercury be removed from vaccines.

For information on mercury in vaccines, call the National Vaccine Information Center at 703-FULLTIME or visit www.NVIC.org. If you believe your child was injured by mercury in vaccines or to learn how you can take action, contact Unlocking Autism at 986-366-3341 or visit www.unlockingautism.org.

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Full page ad
Unlocking Autism

Mostrar causalidad

Frecuencia entre vacunados

$$a/a+b$$

Frecuencia entre no-vacunados

$$c/c+d$$

Vacunación

Enfermedad

si

no

si

a

b

no

c

d

	si	no
si	a	b
no	c	d



Atención del Dr. Thomas Schlenker

Usos de registros II

- identificar inmunizados con vacunas deficientes
- Uso en el plan de la pandemia de influenza



Vacunas mal guardadas

- En Noviembre 2003, en una clínica de salud en el estado de Oregon se descubrió que los refrigeradores tenían una temperatura bajo de 32 grados y que este error había ocurrido permanentemente durante casi 24 meses.
- Usando información de su registro se podía identificar inmunizados con vacunas deficientes y tomar contacto con los padres para vacunar a los niños de nuevo.

(“Using Oregons ISS to Recall children who received Sub-potent DTaP Vaccine”

Mary.Beth.Kurilo@state.or.us)

Registros en una Pandemia de Influenza

- La situación:
 - Hay varias vacunas de diferentes fuentes
 - Desarrollo y evaluación forzada.
 - Insuficientes cantidades de vacunas
 - Dudas ante las prioridades?
 - Es de esperar casos de influenza entre vacunados y reacciones adversas.



Preparacion para la pandemia de Influenza

Theresa Hoyle
Michigan Childhood Immunization Registry

March 5 2006

Child **Reports** **Reminder/Recall** **Import/Export** **My Site** **Administration** **School/Childcare** **Other**

[Add/Find Site](#) [Add/Find User](#) [Add School Facility](#) [Refresh Facility Map](#) [Reread Log4j Config](#) [All Hazard Admin](#)

Enable Hazards

Enable All Hazard Mode

Anthrax

Botulism

Pandemic Influenza

Amantadine

Antiviral

H5N1 Vaccine

Antigenic

Oseltamivir

Antiviral

Rimantadine

Antiviral

Zanamivir

Antiviral

Plague

Smallpox

Tularemia

Submit

Cancel

Administered Agent*	VFC Eligibility*	Disease*	Pro	Recipient Tier*
H5N1 Vaccine	Medicaid	Pandemic Influenza	<input type="checkbox"/>	Tier 1 Subtier A
Oseltamivir	Medicaid	Pandemic Influenza	<input type="checkbox"/>	1-Hospital Patients
			<input type="checkbox"/>	1-Hospital Patients
			<input type="checkbox"/>	2-EMS/Direct Contact
			<input type="checkbox"/>	3-High Risk Outpatient
			<input type="checkbox"/>	4-Pandemic Health Re
			<input type="checkbox"/>	5-Increased Risk Outp
			<input type="checkbox"/>	6-Outbreak Response
			<input type="checkbox"/>	7-Emergency HCWs
			<input type="checkbox"/>	8-Pandemic Social Re
			<input type="checkbox"/>	9-Other Outpatients
			<input type="checkbox"/>	10-Highest Risk Outpa
			<input type="checkbox"/>	11-Other Direct Contac

Items marked with * are mandatory



Proyectos Europeos

- **Centro Europeo para la Prevención y el Control de las Enfermedades (ECDC**
- VACSATC (DG SANCO) - Posibilidades de hacer estudios con enlace entre registros.
- VENICE (DG SANCO)- Encuesta

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Métodos para medir cobertura de DTP

- **Metod. admin:** AT, BG, CZ, DK, EE, DE, HU, IS, IT, LV, LT, SK, ES, :13
- **Encuesta:** BE, CY, CZ, FI, DE, IS, IT, LV, RO :9
- **Registros:** CZ, IS, IE, IT, NL, NO, SL, ES, UK: 10
- 7 países usan más de un metodo.

Registros

- Registros Regionales: 12 (BE, DE, HU, IS, IE, IT, NL, NO, RO, ES, SE, UK)
- Registros Nacionales: 3 (DK, NL, NO)
- Registros Nacionales planeados: 10 (AT, BG, EE, FI, IS, IE, RO, SL, SE, UK)

Registros

Nivel	Infantes	Adolescentes	Adultos	De Edad >65
Regional	BE,DE ¹ ,DK,FR,HU,IE,IT,PT ² ,SI,ES,SE,UK,NO	IT,PT,ES,SE,NO	IT,PT,ES,SE	IT,PT,ES,SE
Nacional	DK,HU,LV ³ NL, SI,NO	HU,LV,NO	LV	LU, LV

Países con registros a nivel nacional o regional con reacciones adversas

Pays	Reacciones Adveros en el registro de vacunas	
Belgium	No	
Denmark	No	
Germany	No	
Hungary	No	
Iceland	Si	
Ireland	No	
Italy	No	
Netherlands	No	
Norway	No	
Romania	No	
Slovenia	Si	
Spain	Si	
Sweden	Si	
United Kingdom	No	
Total	4	1

Países con registros y posibilidad para usarlos en una Pandemia de influenza.

Payis	Registro (nacional ou regional)
Belgium	Si
Iceland	Si
Italy	Si
Norway	Si
Romania	Si
Spain	Si
Sweden	Si
Total	7



En el futuro?

- Sistemas Nacionales con códigos de barra
- Registros intregrados con expedientes
- Mejor acceso y uso de datos
- Lograr a un consenso sobre un estandar para intercambio de datos entre sistemas (HL 7).

¿Qué podemos hacer ?

- Mostrar ejemplos de éxito
 - Artículos en publicaciones internacionales.
 - Presentaciones en conferencias internacionales.
- Llamar a una reunión a nivel europeo.
- Formar una asociación para registros en Europa, similar a La Asociación de Registros de Inmunización (AIRA) en Estados Unidos.



Agradezco a colegas por información y por prestarme imágenes:

- Darina O'Flanagan
- Teresa Anderson
- Thersea Hoyle
- Mary Beth Kurilo



