

Timerosal: Problems, costs and solutions



**Gobierno
de Chile**

SUPERINTENDENCIA
DE SALUD

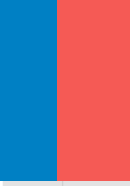
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I. Chilean situation

The Government of Chile has been forced into this situation because a group of deputies present in the Chilean Parliament on July 6 to 2010 a bill (Thimerosal-free), with the back up of the most political parties.

Three of the authors are Doctors, Accorsi, Girardi and Lobos.

II. The bill



The bill contains 3 points.

1. Prohibits the manufacture and marketing of products containing thimerosal.

The bill prohibits the manufacture, importation, marketing or distribution in any capacity of all types of vaccines within their compounds, containing in any concentration, thimerosal or organomercury compounds.

2. The Chilean Health Code is amended to vaccines are thimerosal-free. In the process of vaccination should be used doses of thimerosal-free or organic compound.

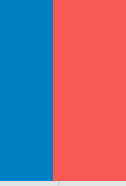
3. Should be discarded vaccines with thimerosal in a specified period.
this bill.



III. Consequences in our national vaccination program. Change of vaccines

1. For the year 2012 the government chosen to eliminate all vaccines with thimerosal doses greater than traces or residues of the National Child Immunization Program.
2. We define the traces or residues,.
3. We understand the traces or residues with Thimerosal concentration less than or equal to 1 mcg per doses.

IV. Problems with the hexavalent vaccine



- This implies a change in the Plan Polio vaccination.
- Chile immunize their children with oral polio vaccine and hexavalent vaccine. Polio includes antigen injection. We know is a very important technical discussion regarding the epidemiological conditions of the country for a change of this nature.
- The pentavalent vaccine contains only traces of thimerosal.



V. Changed Pentavalent to Hexavalent increase the budget of the National Immunization Program of twenty eighth million dollars

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PRODUCTO CON TIMEROSAL				PRODUCTO SIN TIMEROSAL				VARIACION \$	VARIACION %
VACUNA ACTUAL	PRECIO	POB OBJETIVO	TOTAL	VACUNA ACTUAL	PRECIO	POB OBJETIVO	TOTAL		
PENTAVALENTE	\$ 1.975	1.121.586	\$ 2.215.132.350	HEXAVALENTE**	\$ 15.000	1.121.586	\$ 16.823.790.000	\$ 14.295.735.156	565%
POLIO ORAL*	\$ 279	1.121.586	\$ 312.922.494						
			\$ 2.528.054.844				\$ 16.823.790.000	\$ 14.295.735.156	565%
*POLIO ORAL NO TIENE TIMEROSAL				HEXAVALENTE**: Precio de referencial internacional					

VII. Cost with Timerosal-Free

Valores en \$	2012
Presupuesto 2012 asignado PNI	24.770.007.000
Aporte estatal necesario para retiro total de Timerosal	14.295.735.156
Presupuesto requerido para retiro total Timerosal PNI	39.065.742.156
Incremento % ppto. PNI asociado al retiro total del Timerosal	157,71%

VII. Conclusion

1. A technical problem has become a political problem.
2. This problem has costs associated with immunization programs in each country.
3. We are ready to advance in traces or residues of timerosal in vaccines only for children.

We are not willing to assume costs and supply problems and would put at risk successful vaccination programs.

In addition, we do not want other countries assume costs for our decisions, and we have taken to avoid compromising our vaccination program.