Maine Center for Disease Control and Prevention An Office of the Department of Health and Human Services

Paul R. LePage, Governor

Mary C. Mayhew, Commissioner

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# Why Is This Vaccine Showing Up Invalid?

It is so important to make sure that you are familiar with the Advisory Committee of Immunization Practices (ACIP) Schedule when you vaccinate children in your practice. Please review the immunization records below and test your knowledge as to why these vaccines are invalid. The answers can be found on the third page of this newsletter.

Please keep in mind that anytime you have questions about the vaccine schedule you can call our program at 207-287-3746 or 1-800-867-4775. Ask to speak to a health educator. We are always ready to help you!!

First Child DOB 12/04/2006

DTP/ap	<u>01/26/2007</u>	1 of 5	DAPTACEL ®	Full	<u>No</u>	No	11	
	05/07/2007	2 of 5	DAPTACEL ®	Full	<u>No</u>	No	11	
	<u>06/22/2007</u>	3 of 5	DAPTACEL ®	Full	<u>No</u>	No	11	
	<u>03/03/2008</u>	4 of 5	DAPTACEL ®	Full	<u>No</u>	No	11	
	<u>01/10/2011</u>	NOT VALID	Pentacel ®	Full	<u>No</u>	No	11	
	<u>07/31/2013</u>	5 of 5	KINRIX ®	Full	<u>No</u>	No	11	
Hib	<u>01/26/2007</u>	1 of 3	PedvaxHIB ®	Full	<u>No</u>	No	11	
	<u>05/07/2007</u>	2 of 3	PedvaxHIB ®	Full	<u>No</u>	No	11	
	<u>12/12/2007</u>	3 of 3	PedvaxHIB ®	Full	<u>No</u>	No	11	
	08/04/2008	EXTRA	PedvaxHIB ®	Full	<u>No</u>	No	11	
	<u>01/10/2011</u>	EXTRA	Pentacel ®	Full	<u>No</u>	No	11	
							11	
Polio	<u>06/22/2007</u>	1 of 4	IPOL ®	Full	<u>No</u>	No	11	
	<u>09/14/2007</u>	2 of 4	IPOL ®	Full	<u>No</u>	No	11	
	03/03/2008	3 of 4	IPOL ®	Full	<u>No</u>	No	11	
	06/02/2008	NOT VALID	IPOL ®	Full	<u>No</u>	No	11	
	<u>01/10/2011</u>	NOT VALID	Pentacel ®	Full	<u>No</u>	No	11	

## Second Child DOB 11/19/2006

DTP/aP	<u>01/22/2007</u>	1 of 5	DAPTACEL ®	Full	<u>No</u>	No	11
	03/26/2007	2 of 5	DAPTACEL ®	Full	<u>No</u>	No	11
	07/18/2007	3 of 5	DAPTACEL ®	Full	No	No	1
	<u>05/14/2009</u>	4 of 5	DAPTACEL ®	Full	<u>No</u>	No	11
	<u>05/18/2011</u>	NOT VALID	Pentacel ®	Full	<u>No</u>	No	1
	08/05/2013	5 of 5	KINRIX ®	Full	<u>No</u>	No	11
НерВ	<u>11/19/2006</u>	1 of 3			<u>No</u>	Yes	11
	01/22/2007	2 of 3	Recombivax Peds ®	Full	<u>No</u>	No	11
	03/26/2007	NOT VALID	Recombivax Peds ®	Full	No	No	1
	05/23/2012	3 of 3	Recombivax Peds ®	Full	<u>No</u>	No	11
Polio	<u>03/26/2007</u>	1 of 4	IPOL ®	Full	<u>No</u>	No	11
	07/18/2007	2 of 4	IPOL ®	Full	<u>No</u>	No	1
	01/17/2008	3 of 4	IPOL ®	Full	No	No	11
	<u>05/18/2011</u>	NOT VALID	Pentacel ®	Full	No	No	1

## Third Child DOB 8/17/2007

<u>10/19/2007</u>	1 of 4	DAPTACEL ®	Full	<u>No</u>		No	11
03/24/2008	2 of 4	DAPTACEL ®	Full	<u>No</u>		No	11
10/08/2008	3 of 4	DAPTACEL ®	Full	<u>No</u>		No	di secondo de la companya de la comp
<u>12/11/2008</u>	NOT VALID	DAPTACEL ®	Full	<u>No</u>		No	11
03/17/2009	NOT VALID			<u>No</u>		Yes	di secondo de la companya de la comp
08/14/2012	4 of 4	KINRIX ®	Full	<u>No</u>		No	11
03/17/2009	1 of 2			<u>No</u>		Yes	di secondo de la companya de la comp
<u>09/16/2010</u>	2 of 2			<u>No</u>		Yes	11
<u>10/23/2008</u>	1 of 2			<u>No</u>		Yes	di secondo de la companya de la comp
<u>10/23/2008</u>	NOT VALID			<u>No</u>		Yes	11
<u>08/14/2012</u>	1 of 2	MMR II ®	Full	<u>No</u>		No	di secondo de la companya de la comp
08/20/2013	2 of 2	MMR II ®	Full	<u>No</u>		No	14
	03/24/2008 10/08/2008 12/11/2008 03/17/2009 08/14/2012 03/17/2009 09/16/2010 10/23/2008 10/23/2008 08/14/2012	03/24/2008 2 of 4   10/08/2008 3 of 4   12/11/2008 NOT VALID   03/17/2009 NOT VALID   08/14/2012 4 of 4   03/17/2009 1 of 2   03/17/2008 1 of 2   09/16/2010 2 of 2   10/23/2008 1 of 2   08/14/2012 1 of 2	03/24/2008 2 of 4 DAPTACEL®   10/08/2008 3 of 4 DAPTACEL®   12/11/2008 NOT VALID DAPTACEL®   03/17/2009 NOT VALID DAPTACEL®   08/14/2012 4 of 4 KINRIX®   03/17/2009 1 of 2 1   09/16/2010 2 of 2 1   10/23/2008 NOT VALID VALID   08/14/2012 1 of 2 MMR II ®	03/24/2008 2 of 4 DAPTACEL ® Full   10/08/2008 3 of 4 DAPTACEL ® Full   12/11/2008 NOT VALID DAPTACEL ® Full   03/17/2009 NOT VALID Full Full   03/17/2009 1 of 2 Full Full   03/17/2008 1 of 2 Full Full   03/17/2008 1 of 2 Full Full   03/17/2008 1 of 2 Full Full	03/24/2008 2 of 4 DAPTACEL ® Full No   10/08/2008 3 of 4 DAPTACEL ® Full No   12/11/2008 NOT VALID DAPTACEL ® Full No   03/17/2009 NOT VALID DAPTACEL ® Full No   03/17/2009 NOT VALID VALID No No   03/17/2009 1 of 2 V No No   03/17/2009 1 of 2 No No No   10/23/2008 1 of 2 No No No   10/23/2008 NOT VALID MMR II ® Full No	03/24/2008 2 of 4 DAPTACEL ® Full No   10/08/2008 3 of 4 DAPTACEL ® Full No   12/11/2008 NOT VALID DAPTACEL ® Full No   03/17/2009 NOT VALID DAPTACEL ® Full No   08/14/2012 4 of 4 KINRIX ® Full No   03/17/2009 1 of 2  No   09/16/2010 2 of 2  No   10/23/2008 1 of 2  No   08/14/2012 1 of 2 MMR II ® Full No	O3/24/2008   2 of 4   DAPTACEL ®   Full   No   No     10/08/2008   3 of 4   DAPTACEL ®   Full   No   No     12/11/2008   3 of 4   DAPTACEL ®   Full   No   No     12/11/2008   NOT VALID   DAPTACEL ®   Full   No   No     03/17/2009   NOT VALID   DAPTACEL ®   Full   No   Yes     08/14/2012   4 of 4   KINRIX ®   Full   No   Yes     09/16/2010   1 of 2    No   Yes   Yes     10/23/2008   1 of 2    No   Yes   Yes     08/14/2012   1 of 2   MMR II ®   Full   No   Yes

## Answer Key: Child DOB 12/04/2006

1. **01/10/2011** DTaP (Pentacel) is approved for use as a 4-dose series in infants and children at ages 2, 4, 6, and 15-18 months. It should not be used for any dose in the primary series for children age 5 years or older or as the booster dose for children ages 4-6 years.

2. **08/04/2008** PedvaxHIB is a 3 doses series only. This extra dose will not hurt this child; however it is a waste of vaccine that could be given to another child.

3. 01/10/2011 PedvaxHIB is a 3 doses series only. This extra dose will not hurt this child; however it is a waste of vaccine that could be given to another child.

4. 06/02/2008 Polio (Pentacel) The minimum interval between dose 3 and dose 4 of polio is 6 months.

5. **01/10/2011** Pentacel is approved for use as a 4-dose series in infants and children at ages 2, 4, 6, and 15-18 months. It should not be used for any dose in the primary series for children age 5 years or older or as the booster dose for children ages 4-6 years.

6. **07/31/2013** Kinrix is a combination DTaP and IPV vaccine. It is approved for use as the fifth dose of DTaP and the fourth dose of IPV in children ages 4 through 6 years who received DTaP (Infanrix) and/or DTaP-HepB-IPV (Pediarix) as the first three doses and DTaP (Infanrix) as the fourth dose. It should not be given to children younger than age 4 years.

## Child DOB 11/19/2006

1. **05/18/2011** DtaP (Pentacel) is approved for use as a 4-dose series in infants and children at ages 2, 4, 6 and 15-18 months. It should not be used for any dose in the primary series for children age 5 years or older or as the booster dose for children ages 4-6 years.

2. 03/26/2007 The minimum age to receive the 3<sup>rd</sup> dose of Hep B is 24 weeks of age. This child was 18 weeks of age when they were given the 3<sup>rd</sup> dose of Hep B vaccine.

3. **05/18/2011** IPV (Pentacel) is approved for use as a 4-dose series in infants and children at ages 2, 4, 6, and 15-18 months. It should not be used for any dose in the primary series for children age 5 years or older or as the booster dose for children ages 4-6 years.

#### Child DOB 08/15/2007

1. 12/11/2008 DtaP: the minimum interval between the  $3^{rd}$  dose and the forth dose of DtaP is 6 months, in this case it was only 2 months so dose is invalid.

2. 03/17/2009 DtaP: The forth dose of DtaP is invalid because the minimum interval between vaccine doses was not met. The repeat dose should be spaced after the invalid dose by the recommended minimum interval. This dose should have been given 6 months after the date of 12/11/2008 which would have been 06/11/2008.

3. **10/23/2008** MMR and Varicella vaccine are lives vaccines. They MUST be given on the same day or separated by 4 weeks. In this case the varicella vaccine was given on 10/08 /2012 which was 15 days before the MMR was given so the MMR is invalid. The second MMR may be given at any time now.