

## How Effective Are Childhood Vaccines?

### Notes

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<sup>1</sup> In children who receive the full series.

<sup>2</sup> Influenza omitted from the table due to large variations from season to season with vaccine effectiveness ranging from 10% to 60%. See:

<http://www.cdc.gov/flu/professionals/vaccination/effectiveness-studies.htm>

Meningococcal vaccines not included since these are recommended for adolescents and come in several variety making providing a single number hard.

<sup>3</sup> Anne A. Gershon, Michiaki Takahashi, Jane F. Seward, *Varicella Vaccine* in VACCINES 836, 852-853 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>4</sup> Tejpratap S. P. Tiwari and Melinda Wharton, *Diphtheria Toxoid*, in VACCINES 419, 435 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>5</sup> Aruna Chandran, James P. Watt, Mathuram Santosham, *Haemophilus Influenzae Vaccines*, in VACCINES 167, 176-177 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>6</sup> Trudy V. Murphy, Stephen M. Feinstone and Beth P. Bell, *Hepatitis A Vaccines*, in VACCINES 182, 199 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>7</sup> Pierre Van Damme et al, *Hepatitis B Vaccines*, in VACCINES 205, 224-225 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>8</sup> Peter M. Strebel et al, *Measles Vaccine*, in VACCINES 353, 364-365 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>9</sup> Steven A. Rubin & Stanley A. Plotkin, *Mumps Vaccine*, in VACCINES 152, 162 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>10</sup> Kathryn M. Edwards and Michael D. Decker, *Pertussis Vaccines* in VACCINES 447, 471-482 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>11</sup> Keith P. Klugman et al, *Pneumococcal Conjugate Vaccine and Pneumococcal Common Protein Vaccines* in VACCINES 504 522-527 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>12</sup> Emmanuel Vidor and Stanley A. Plotkin, *Poliovirus Vaccine – Inactivated*, in VACCINES 572, 587-588 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>13</sup> H. Fred Clark, Paul A. Offit and Umesh D. Parashar, *Rotavirus Vaccines*, in VACCINES 669, 677 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>14</sup> Susan E. Reef and Stanley A. Plotkin, *Rubella Vaccine*, in VACCINES 689, 700-701 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).

<sup>15</sup> Martha H. Roper et al, *Tetanus Toxoid*, in VACCINES 746, 760-761 (Stanley A. Plotkin, Walter A. Orenstein and Paul A. Offit, eds., 6th ed. 2013).