**Table 1 National vaccine strategy across different countries.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Country | Inoculation object | | | | Manufacturers |
| Children | Adolescent | Pregnant woman | Adults |
| Australia(*1*) | 5 doses DTaP  (2 months, 4 months, 6 months, 18 months and 4 years) \* | 1 dose DTaP  (12-13 years) \* | 1 dose dTap  (20-32 weeks) \* | 1 dose dTap  (every 10 years) | GlaxoSmithKline (Infanrix, Infanrix hexa, Infanrix IPV, Vaxelis, Boostrix, Boostrix IPV)  Sanofi Pasteur (Quadracel, Adacel, Hexaxim, Adacel Polio) |
| China(*2, 3*) | 4 doses DTaP  (3 months, 4 months, 5 months, 18 months) \* | / | / | / | Sinopharm (DTaP)  Minghai (DTaP, DTaP-Hib)  Sanofi Pasteur (Pentaxim) |
| The United State (*4-6*) | 5 doses DTaP  (2 months, 4 months, 6 months, 15-18 months and 4-6 years) \* | 1 dose dTap  (11-12 years) \* | 1 dose dTap  (27-36 weeks) \* | 1 dose dTap  (every 10 years) | GlaxoSmithKline (Infanrix, Boostrix)  Sanofi Pasteur (Daptacel, Adacel) |
| The United Kingdom (*7-9*) | 3 doses 6-in-1  (8 weeks, 12 weeks, 16 weeks) \*  1 dose 4-in-1  (3 years) \* | / | 1 dose 4-in-1  (16-32 weeks) \* | / | GlaxoSmithKline (Infanrix hexa, Boostrix-IPV)  Sanofi Pasteur (Vaxelis, Repevax) |
| Japan(*10*) | 4 doses DTaP  (2 months, 3 months, 4months, 12-18 months) \* | / | / | / | Handaibiken (DTaP + IPV)  GlaxoSmithKline (Infanrix hexa) |
| New Zealand(*11, 12*) | 4 doses 6-in-1  (6 weeks, 3 months, 5 months, 4 years) \* | 1 dose dTap  (11 years) \* | 1 dose dTap  (16 weeks) \* | 2 doses dTap  (45 years, 65 years) \* | GlaxoSmithKline (Boostrix, Infanrix hexa) |
| Sweden(*13-15*) | 3 doses 6-in-1  (3 months, 5 months, 12 months) \* | 2 doses dTap  (5 years, 14-16 years) \* | 1 dose dTap  (16-32 weeks) \* | / | GlaxoSmithKline (Infanrix, Boostrix)  Sanofi Pasteur (Daptacel, Adacel) |
| Singapore(*16*) | 4 doses DTaP  (2 months, 4 months, 6 months, 18 months) | 1 dose dTap  (10-11 years) \* | 1 dose dTap  (16-32 weeks) \* | / | Infanrix-IPV+Hib, Pentaxim, Infanrix Hexa |

\*: free under the National Immunisation Program. DTaP: diphtheria–tetanus–acellular pertussis vaccine. dTap: diphtheria–tetanus–acellular pertussis vaccine. 6-in-1: diphtheria, tetanus, pertussis (acellular component) (Pa), hepatitis B (rDNA), poliomyelitis (inactivated) and Haemophilus influenzae type b conjugate vaccine (adsorbed). 4-in-1: diphtheria, tetanus, pertussis (acellular component) and poliomyelitis (inactivated) vaccine (adsorbed, reduced antigen(s) content).

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