

Supplementary information

A guide to vaccinology: from basic principles to new developments

In the format provided by the authors and unedited

Supplementary Table 1 | Selected immunization schedules for diphtheria–tetanus–pertussis (DTP)-containing vaccines*

DTP schedules	6 weeks	8 weeks	10 weeks	12 weeks	14 weeks	16 weeks	20 weeks	24 weeks	9 months	12 months
WHO EPI	x		x		x					
UK		x		x		x				
USA/Australia		x				x		x		x
Scandinavia				x			x			x
Optimms [‡]		x				x			x	

WHO EPI, World Health Organization Expanded Programme on Immunization.

*Information obtained from REFS 1–5. [‡]Proposed schedule to be evaluated in clinical trials in Uganda and Nepal.

References

1. World Health Organization. *Table 2: Summary of WHO Position Papers - Recommended Routine Immunizations for Children* https://www.who.int/immunization/policy/Immunization_routine_table2.pdf (2020).
2. Public Health England. UK immunisation schedule: the green book, chapter 11. (2014).
3. Centers for Disease Control and Prevention. *Table 1. Recommended Child and Adolescent Immunization Schedule for ages 18 years or younger, United States, 2020* <https://www.cdc.gov/vaccines/schedules/hcp/imz/child-adolescent.html> (2020).
4. Australian Government, D. o. H. *National Immunisation Program Schedule* <https://www.health.gov.au/health-topics/immunisation/immunisation-throughout-life/national-immunisation-program-schedule> (2020).
5. European Centre for Disease Prevention and Control. *Vaccine scheduler* <https://vaccine-schedule.ecdc.europa.eu> (2020).

Supplementary Table 2 | United Kingdom immunization schedule for 1966, 1996 and 2020

1966

Vaccine/Age	Visit 1 1-6 months	Visit 2 1-6 months	Visit 3 1-6 months	Visit 4 7-10 months	Visit 5 7-10 months	Visit 6 15-18 months	Visit 4 18-21 months	School entry	8-12 years
Diphtheria, Tetanus, Pertussis	DTwP 1	DTwP 2	DTwP 3				DTwP 4	DT	DT
Polio				Polio 1	Polio 2	Polio 3		Polio 4	
Smallpox		Smallpox 1 at 4-5 months							Smallpox 2
BCG									BCG (>12 years)

1996

Vaccine/Age	2 months	3 months	4 months	12 months	13 months	3-5 years	13-18 years
Diphtheria, Tetanus, Pertussis, Polio, Hib	DTwP-Hib +oral polio	DTwP-Hib +oral polio	DTwP-Hib +oral polio			DT +oral polio	dT + oral polio
Measles, Mumps, Rubella					MMR	MMR	

2020

Vaccine/Age	Maternal	2 months	3 months	4 months	12 months	3-5 years	5-11 years	12-18 years	Elderly
Diphtheria, Tetanus, Pertussis, Polio, Hib, HepB	DTaP	DTaP-IPV HepB-Hib	DTaP-IPV HepB-Hib	DTaP-IPV HepB-Hib	Hib -MenC	dTaP-IPV		dT-IPV	
Meningococcal ACWY								MenACWY	
Rotavirus		Rv	Rv						
Measles, Mumps, Rubella					MMR	MMR			
Pneumococcal			PCV13		PCV13				PPV
Cervical cancer (HPV)								HPV x2	
Meningococcal B		MenB		MenB	MenB				
Influenza	TIV					LAIV	LAIV		TIV
Shingles									VZV

DTwP, diphtheria, tetanus and whole-cell pertussis; BCG, Bacillus Calmette-Guérin; Hib, *Haemophilus influenzae* type B; MMR, measles, mumps and rubella; DTaP, diphtheria, tetanus and acellular pertussis; IPV, inactivated polio vaccine; HepB, hepatitis B virus; MenC, capsular group C meningococcus; Rv, rotavirus; PCV13, 13-valent pneumococcal conjugate vaccine; PPV, pneumococcal polysaccharide vaccine; HPV, human papilloma virus; MenB, group B meningococcus; TIV trivalent (inactivated) influenza vaccine; LAIV, Live attenuated influenza vaccine; VZV, varicella zoster virus.