

A guide for travel vaccines – compiled by Jane Chiodini

Always use this table in conjunction with information from the SmPC at www.medicines.org.uk the BNF at www.bnf.org and the 'Green Book' (GB) at <http://tinyurl.com/nqbpvr5>. See the THT Ltd. [disclaimer](#)

VACCINE NAME	AGE GROUPS	WHEN TO BOOST- general principles and comments
HEPATITIS A vaccine (and schedules)		
<ul style="list-style-type: none"> Hep A vaccine SmPCs have different timings - note Ch. 4, 1 paragraph in GB 		Ideally, follow the summary of product characteristics but in late - presenting travellers, a course does not need to be restarted. Protection is expected for 25 years from the second dose, then a further booster is generally not needed, except for those at ongoing risk (UKHSA 2022). Also see NaTHNaC & info on Hepatitis A ** plus detail below within the 'Key' section regarding GSK 'Havrix' vaccines***.
VAQTA® Paediatric	2 dose schedule of hepatitis. A vaccine should be given at day 0 and then 6 to 12 months after the initial dose as recommended in Green Book for hep A vaccines.	
VAQTA® Adult	1-17 years	
Avaxim®	18 years and over	
Avaxim® Junior	16 years and over	
Havrix Junior Monodose®	1-15 years	
Havrix Monodose®	1-15 years	
	Regimes may vary in SmPCs, see above • & key	16 years and over
TYPHOID vaccine		
Typhim Vi® Single dose	2 years and over (but see GB for off-license use from 12mths)	3 years
Vivotif® (Ty21a) Oral vaccine on days 0, 2 & 4	5 years and over	3 years (Take with cold or luke warm drink 1 hr before meal, swallow capsule whole)
HEPATITIS B vaccine (and schedules) Important – Hep B now in the childhood programme not included here		
Engerix B® - 0, 1 and 6 months	Over 16 years	Note: 0, 1, 2 month schedule Green Book doesn't advise 4 th dose at 12 months unless they remain at continued high risk, see Ch.18 Page 16. Note SmPCs do advise a 4 th dose but GB should be followed. Green Book policy for hepatitis B for all who have received a primary course (which would include travellers) also children vaccinated according to the routine childhood schedule and individuals at high risk of exposure do not require a reinforcing dose of hep B containing vaccine, except healthcare workers (boost once at 5 years), patients with renal failure and at time of significant exposure. Read Ch. 18, page 13 in the GB for full details. See this blog for contradictory advice on healthcare workers
Engerix B® - 0, 1, 2 months	Over 16 years	
Engerix B® - 0, 7, 21 days & 12 months	Over 18 years in SmPC – But also 16 -18 years in Green Book	
Engerix B® Paediatric 0, 1, 6 months	0 to 15 years	
Engerix B® Paediatric 0, 1, 2 months	0 to 15 years	
Engerix B® Option of two doses of 1 ml (20mcg) for low-compliance adolescents given 6 months apart when the risk of hepatitis B is low and completion of course can be assured before risk is high	11 – 15 years	
HBvaxPRO® 0, 1, and 6 months	16 years and over	
HBvaxPRO® 0, 1, 2 months	16 years and over	
HBvaxPRO® Paediatric 0, 1 & 6 months	0 – 15 years	
HBvaxPRO® Paediatric 0, 1, 2 months	0 – 15 years	
COMBINED vaccines (and schedules)		
Twinrix Adult® (Hepatitis A and B) 0, 1, 6 months	16 years and over	See information about hepatitis A and hepatitis B regarding boosters above
Twinrix Adult® 0, 7, 21, days and 12 months	18 years and over	
Twinrix Paediatric® 0, 1, 6 months	1 – 15 years	
Ambirix® (Hepatitis A and B) 0 & 6-12 months	1 – 15 years	
Discontinued combined Hep A & Typhoid – important to be aware of incase these vaccines are documented in records. These were Hepatyrix and VIATIM® used only for adults. Both contained an adult dose of hepatitis A and a dose of typhoid.		
Tetanus, polio & low dose diphtheria (for travel purposes)		
Revaxis® 1 dose if risk at destination and UK schedule completed more than 10 years ago – see Green Book p372	From 6 years - for travel purposes expect to give older than this	10 years if risk at destination and risk of immunoglobulin not being available

PLEASE MAKE SURE YOU ARE ALWAYS USING THE LATEST VERSION OF THIS CHART

MENINGOCOCCAL vaccine	AGE GROUPS	WHEN TO BOOST
Menveo® Single dose (conjugate vaccine)	2 years	5-yearly for Hajj, Umrah certificate purposes as per KSA in 2017 ⁺ For travel, boost every 5 yrs until more data available. See NaTHNaC at <i>reinforcing immunisation</i> https://goo.gl/6eSWmu N.B. Children under 1 year need different dosing – see Green Book and NaTHNaC & note SmPC differs
Nimenrix Single dose (conjugate vaccine)	6 weeks of age	
MenQuadfi Single dose (conjugate vaccine)	12 months of age and older	
RABIES vaccine 2.5IU; one vial (and schedules)		
Rabipur® 0, 7, 21 or 28 days Accelerated primary course given IM on days 0, 3, 7 and 365 when there is insufficient time to complete the 0, 7, 21-28 day course. Note: Rabies Vaccine BP made by Sanofi Pasteur was discontinued in 2022.	Any age but careful risk assessment under 1 year	Many travellers may not need a booster but one single booster dose of vaccine can be considered following thorough risk assessment, in those who completed a primary course over a year ago. This may be most effective if offered 5 years or more after the primary course if travel is assessed as high risk. See Vaccine Update page 5 in issue 282 .
YELLOW FEVER vaccine		
Stamaril® Single dose	Over 9 months	Lifelong in most. See resources for latest details. Certificate valid 10 days post vaccination
CHOLERA vaccine		
Dukoral® Oral vaccine. 2 doses, minimum 1 wk. and maximum 6 weeks apart, given to those from 6yrs of age. 3 doses given in those 2 – 6 yrs old	2 years and over	6 months when given to those aged 2 – 6 yrs 2 yrs in those aged 6 yrs to adult age NBM 1 hr before & after vaccine
JAPANESE ENCEPHALITIS vaccine		
IXIARO® 0 and 28 days for all age groups. 0.5ml dose for adults & 3 yr to < 18 yr age group 0.25ml for 2 months to < 3yr age group (See SPC for specific instructions) Note: SPC & GB change for new 0 & 7 days schedule in 18-64 yrs & <u>off license</u> in children from 2 mths and over 65 yrs when genuinely no time to complete standard schedule	From 2 months	1 year if at continuous/further risk All others, boost at 12-24 months but see GB for those 65 years and older. Second booster in 18-64 years offer at 10 years. Please see GB for children and those over 65 years for more specific information. Note: primary immunisation should ideally be completed at least one wk prior to JEV exposure
TICK BORNE ENCEPHALITIS vaccine		
Tico-Vac® 3 doses of 0.5ml on day 0, 1-3 months after 1 st dose, 5-12 months after 2 nd dose <i>For rapid short-term protection – 2nd dose can be given 2 weeks after 1st dose – see 'Green Book'</i>	16 years and over	Booster at 3 years after initial 3 dose course is completed if individual continues to be at risk. After this, boosters can be given every 5 years but in those aged > 60 years, booster intervals should not exceed three years
Tico-Vac® Junior (0.25ml) 3 doses – same dosing schedule as adult Tico-Vac®	1 year to below 16 years of age	
<p>KEY</p> <p>+ KSA = Kingdom of Saudi Arabia guidance, see NaTHNaC - Hajj and Umrah (travelhealthpro.org.uk)</p> <p>* Within the Summary of Product Characteristics (SmPC)</p> <p>** The Green Book (2022) refers to all hepatitis A products, so the 25 year protection also applies to the combined products and paediatric hepatitis A vaccines. Until further evidence is available on persistence of protective immunity, a further booster at 25 years is generally not needed except for those at ongoing risk. See the Green Book chapter (page 9) and NaTHNaC document at https://travelhealthpro.org.uk/factsheet/21/hepatitis-a</p> <p>***SmPCs for Havrix Monodose & Havrix Junior Monodose (2022) and Avaxim Junior (2023) states 'Current data do not support the need for further booster vaccination among immune-competent subjects after 2 dose vaccination course' but we continue to follow UKHSA guidance as previously described, even in this situation.</p>		
<p>Sources of Information for this chart taken from:</p> <p>UK Health Security Agency (2021) Immunisation Against Infectious Diseases – The Green Book with subsequent updates and revised chapters found on this website. Immunisation against infectious disease - GOV.UK (www.gov.uk)</p> <p>Electronic Medicines Compendium www.medicines.org.uk/emc/ www.travelhealthpro.org.uk and www.travax.nhs.uk</p> <p>IMPORTANT – Where there is a difference between the GB and the SPC, the GB should followed Ch 4. Page 25</p>		