#### Change Notification for the UK Blood Transfusion Services

No. 09 - 2025

#### Table of Immunisations

This notification includes the following changes:

	BM-DSG  Bone Marrow & Peripheral Blood Stem Cell	CB-DSG Cord Blood	GDRI Geographical Disease Risk Index	TD-DSG Tissue - Deceased Donors	TL-DSG Tissue - Live Donors	WB-DSG Whole Blood & Components	Red Book  Guidelines for the BTS in the UK
<b>1.</b> Appendix 3	•						
2. Appendix 3							
3. Appendix 4				•			
<b>4.</b> Appendix 3					•		
5. Appendix 2						•	

**Please note:** The tables within each DSG are being aligned and will contain the same text once updated. A table showing only the final text is given on page 2-3.

The changes to the table currently in each DSG (1. to 5.) are indicated from page 4 onwards.

Dr Angus Wells Chair of SACCSD Dr Kenneth Douglas
Chair of SACCTP

Kemeth loylus

Dr Richard Lomas
Chair of SACT

Dr Stephen Thomas
Professional Director of JPAC

Changes are indicated using the key below. This formatting will not appear in the final entry.

original text «inserted text» deleted text

### Final text to be included, applies to **all DSGs**

#### **Table of Immunisations**

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given	Non-Live
Cholera	There are two vaccines available to prevent cholera: Dukoral® and Vaxchora®; see rows below. Ensure the correct guidance is applied depending on the vaccine given.	
	If vaccine name not certain, treat as a <b>Live</b> vaccine.	
	Vaxchora®	<u>Live</u>
	Dukoral®	Non-Live
COVID-19 (SARS-CoV-2)	All COVID-19 vaccines licensed in the UK are Non-Live.	Non-Live
Dengue	Qdenga®, Dengvaxia®	Live
Haemophilus influenzae type b (HiB)	Menitorex®	Non-Live
Hepatitis A	May be combined with typhoid or hepatitis B.  Hepatitis A only: Vaqta®, Avaxim®, Havrix®  Combined with typhoid: ViATIM®  Combined with Hepatitis B, Ambirix®, Twinrix®,	Non-Live
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, PreHevbri®, Ambirix®, Twinrix®	Non-Live
Human papillomavirus (HPV)	Cervarix®, Gardasil®	Non-Live
Influenza, intra-nasal	Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®	<u>Live</u>
Influenza, injection	Annual 'flu jab', given by injection. Several preparations, updated annually.	Non-Live
Japanese Encephalitis	Travel. lxiaro®	Non-Live
Measles, Mumps, Rubella	MMR vaccines. M-M-RvaxPro®, Priorix®	<u>Live</u>
Meningitis	Meningococcal group C: NeisVac-C®, Menjugate Kit®  Meningococcal group B: Bexsero®, Trumenba®  MenACWY Quadrivalent vaccine: Menveo®, Nimenrix®, MenQuadfi®  Combined with <i>H. influenzae</i> type b (Hib): Menitorix®	Non-Live

Yellow Fever	Stamaril®	<u>Live</u>
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	<u>Live</u>
Typhoid, oral	Given in capsule form. Vivotif®	<u>Live</u>
Typhoid, injected	Typhim Vi® Combined with hepatitis A: ViATIM®	Non-Live
Tuberculosis	BCG vaccine	<u>Live</u>
Tick-borne encephalitis (TBE)	TicoVac®	Non-Live
Tetanus	Given in preparation with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.	Non-Live
Smallpox	Note this live vaccine requires an 8-week deferral If given, see DSG entry for Smallpox Immunisation. See also Mpox (above).	<u>Live</u>
	Shingrix® for shingles prevention	Non-Live
	Zostavax® for shingles prevention	Live
	and Shingrix®; see rows below.  Please note, Shingrix® has replaced Zostavax® in the UK vaccination programme for individuals aged 60-79 years.	
Shingles	There are two vaccines available to prevent shingles: Zostavax®	
Respiratory Syncytial Virus (RSV)	Abrysvo®, Arexvy®	Non-Live
	Rabipur®, Verorab®	
Rabies	Given to non-exposed individuals if occupation or activity has an exposure risk, or for some travellers to endemic areas.	Non-Live
Polio, oral	Not in routine use in UK. May be used abroad.	<u>Live</u>
Polio, injected	Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.	Non-Live
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	Non-Live
Pertussis	Usually pregnant women, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine.	Non-Live
	Mpox cases. If given for Mpox vaccination, treat as a non-live vaccine.  See DSG entry for Mpox.	
Mpox (formerly known as Monkeypox)	Imvanex® / MVA-BN is a live attenuated non-replicating Smallpox vaccine. It may be used for pre-exposure Mpox prophylaxis in healthcare workers or for post-exposure prophylaxis in contacts of	Non-Live

#### 1. Changes apply to the Bone Marrow DSG

# **Appendix 3: Table of Immunisations**

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given available only through Public Health England.	Non-Live
Cholera	«There are two vaccines available to prevent cholera: Dukoral® and Vaxchora®; see rows below. Ensure the correct guidance is applied depending on the vaccine given.	Non-Live
	If vaccine name not certain, treat as a Live vaccine.»	
	Oral vaccine. Dukoral®	
	«Vaxchora®»	« <u>Live</u> »
	«Dukoral®»	« <u>Non-Live</u> »
COVID-19 (SARS-CoV-2)	All COVID-19 vaccines licensed in the UK are Non-Live. These include:	Non-Live
	Pfizer/BioNTech COVID-19 vaccine, AstraZeneca COVID-19 vaccine, Moderna COVID-19 vaccine; Janssen Ad26.COV2-S; Novavax (Nuvaxovid®); COVID-19 Vaccine Valneva: see Coronavirus vaccination entry	
«Dengue»	«Qdenga®, Dengvaxis®»	« <u>Live</u> »
«Haemophilus influenzae type b (Hib)»	Haemophilus influenza, Menitorex®	Non-Live
Hepatitis A	May be combined with typhoid or hepatitis B.	Non-Live
	Hepatitis A only: Vaqta®, Avaxim®, Havrix®	
	Combined with typhoid: «ViATIM®» Viatim®	
	Combined with hepatitis B: Ambirix®, Twinrix®	
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation	Non-Live
	Engerix®, Fendrix®, HBvaxPRO®, «PreHevbri®,» Ambirix®, Twinrix®	
«Human papillomavirus (HPV)»	Cervarix®, Gardasil®	Non-Live
HPV		
Influenza, intra-nasal	Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®	Live
Influenza, injection	Annual 'flu jab', given by injection. Several preparations, updated annually.	Non-Live

Japanese Encephalitis	Travel. Ixiaro®	Non-Live
Measles, Mumps, Rubella	MMR vaccines. M-M-RvaxPro®, Priorix®	Live
Meningitis	Meningococcal group C: NeisVac-C®, Menjugate Kit®  Meningococcal group B: Bexsero®, Trumenba®  MenACWY Quadrivalent vaccine: Menveo®, Nimenrix®, MenQuadfi®  Combined with H. influenzae type b (Hib): Menitorix®	Non-Live
«Mpox (formerly known as Monkeypox)»  Monkleypox	«Imvanex® / MVA-BN is a live attenuated non-replicating Smallpox vaccine. It may be used for pre-exposure Mpox prophylaxis in healthcare workers or for post-exposure prophylaxis in contacts of Mpox cases. If given for Mpox vaccination, treat as a non-live vaccine. See DSG entry for Mpox.»  **During the 2022 Monkeypox outbreaks, contacts of Monkeypox cases may receive Imvanex, a live attenuated non-replicating Smallpox vaccine. For donor selection purposes this should be assessed as a non-live vaccine. See DSG entry for Monkeypox.	Non-Live
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine». Boostrix IPV®, Repavax®	Non-Live
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	Non-Live
Polio, injected	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»  Would usually be given Diphtheria, Tetanus and Polio (injection). Boostrix IPV®, Revaxis®, Repevax®	Non-Live
Polio, oral	Not in routine use in UK. May be used abroad.	<u>Live</u>
Rabies	Given to non-exposed individuals if occupation or activity has an exposure risk, or for some travellers to endemic areas:  Rabipur®, Verorab®	Non-Live
«Respiratory Syncytial Virus (RSV)»	«Abrysvo®, Arexvy®»	« <u>Non-Live</u> »
Shingles	There are two vaccines available to prevent shingles: Zostavax® and Shingrix®; see rows below. Ensure the correct guidance is applied depending on the vaccine given. If vaccine name not certain, treat as a Live vaccine  «Please note, Shingrix® has replaced Zostavax® in the UK vaccination programme for individuals aged 60-79 years.»	<u>Live</u>
	Zostavax® for shingles prevention	Live
	Shingrix® for shingles prevention	Non-Live
Smallpox	Note this live vaccine requires an 8-week deferral. If given, see DSG entry for <u>Smallpox Immunisation</u> . See «also Mpox» <u>Monkeypox</u> (above).	<u>Live</u>

Tetanus	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»  Would usually be given Diphtheria, Tetanus and Polio. Revaxis® Boostrix-IPV®, Repevax®	Non-Live
Tick-borne encephalitis «(TBE)»	«TicoVac®» <del>Tico-vac</del> ®	Non-Live
Tuberculosis	BCG vaccine	<u>Live</u>
Typhoid, injected	Typhim Vi® Combined with hepatitis A: «ViATIM®» <i>Viatim</i> ®	Non-Live
Typhoid, oral	Given in capsule form. Vivotif®	<u>Live</u>
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	Live
Yellow Fever	Stamaril®	<u>Live</u>

### 2. Changes apply to the Cord Blood DSG

# **Appendix 3: Table of Immunisations**

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given available only through Public Health England.	Non-Live
Cholera	«There are two vaccines available to prevent cholera: Dukoral® and Vaxchora®; see rows below. Ensure the correct guidance is applied depending on the vaccine given.	Non-Live
	If vaccine name not certain, treat as a Live vaccine.»	
	Oral vaccine. Dukoral®	
	«Vaxchora®»	« <u>Live</u> »
	«Dukoral®»	«Non-Live»
COVID-19 (SARS-CoV-2)	All COVID-19 vaccines licensed in the UK are Non-Live. These include:	Non-Live
	Pfizer/BioNTech (tozinameran/Comirnaty®)	
	AstraZeneca (Vaxzevira®)	
	● Moderna (Spikevax®)	
	● Janssen Ad26.COV2-S	
	<u> </u>	
	COVID-19 Vaccine Valneva	
«Dengue»	«Qdenga®, Dengvaxis®»	« <u>Live</u> »
«Haemophilus influenzae type b (Hib)»	Haemophilus influenza, Menitorex®	Non-Live
HiB		
Hepatitis A	May be combined with typhoid or hepatitis B.	Non-Live
	Hepatitis A only: Vaqta®, Avaxim®, Havrix®	
	Combined with typhoid: «ViATIM®» Viatim®	
	Combined with hepatitis B: Ambirix®, Twinrix®	
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation	Non-Live
	Engerix®, Fendrix®, HBvaxPRO®, «PreHevbri®,» Ambirix®, Twinrix®	
«Human papillomavirus (HPV)»	Cervarix®, Gardasil®	Non-Live
HPV		
Influenza, intra-nasal	Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®	<u>Live</u>

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Influenza, injection	Annual 'flu jab', given by injection.	Non-Live
	Several preparations, updated annually.	
Japanese Encephalitis	Travel. Ixiaro®	Non-Live
Measles, Mumps, Rubella	MMR vaccines. M-M-RvaxPro®, Priorix®	<u>Live</u>
Meningitis	Meningococcal group C: NeisVac-C®, Menjugate Kit®	Non-Live
	Meningococcal group B: Bexsero®, Trumenba®	
	MenACWY Quadrivalent vaccine: Menveo®, Nimenrix®, MenQuadfi®	
	Combined with H. influenzae type b (Hib): Menitorix®	
«Mpox (formerly known as Monkeypox)» <i>Monkeypox</i>	«Imvanex® / MVA-BN is a live attenuated non-replicating Smallpox vaccine. It may be used for pre-exposure Mpox prophylaxis in healthcare workers or for post-exposure prophylaxis in contacts of Mpox cases. If given for Mpox vaccination, treat as a non-live vaccine. See DSG entry for Mpox.»  During the 2022 Monkeypox outbreaks, contacts of Monkeypox cases	Non-Live
	may receive Imvanex, a live attenuated non-replicating Smallpox vaccine. For donor selection purposes this should be assessed as a non-live vaccine. See DSG entry for Monkeypox.	
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine». Boostrix-IPV®, Repavax®	Non-Live
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	Non-Live
Polio, injected	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»	Non-Live
	Would usually be given Diphtheria, Tetanus and Polio (injection). Boostrix-IPV®, Revaxis®, Repevax®	
Polio, oral	Not in routine use in UK. May be used abroad.	<u>Live</u>
Rabies	Given to non-exposed individuals if occupation or activity has an exposure risk, or for some travellers to endemic areas:	Non-Live
	Rabipur®, Verorab®	
«Respiratory Syncytial Virus (RSV)»	«Abrysvo®, Arexvy®»	« <u>Non-Live</u> »
Shingles	There are two vaccines available to prevent shingles: Zostavax® and Shingrix®; see rows below. Ensure the correct guidance is applied depending on the vaccine given. If vaccine name not certain, treat as a Live vaccine	<u>Live</u>
	«Please note, Shingrix® has replaced Zostavax® in the UK vaccination programme for individuals aged 60-79 years.»	
	Zostavax® for shingles prevention	Live
	Shingrix® for shingles prevention	Non-Live

Smallpox	Note this live vaccine requires an 8-week deferral. If given, see DSG entry for Smallpox Immunisation. See «also Mpox» Monkeypox (above).	Live
Tetanus	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»  Would usually be given Diphtheria, Tetanus and Polio. Revaxis® Boostrix-IPV®, Repevax®	Non-Live
Tick-borne encephalitis «(TBE)»	«TicoVac®» <del>Tico-vac</del> ®	Non-Live
Tuberculosis	BCG vaccine	Live
Typhoid, injected	Typhim Vi®  Combined with hepatitis A: «ViATIM®» Viatim®	Non-Live
Typhoid, oral	Given in capsule form. Vivotif®	Live
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	Live
Yellow Fever	Stamaril®	Live

### 3. Changes apply to the Tissues - Deceased Donors DSG

### **Appendix 4: Table of Immunisations**

Anthrax Rarely given available only through Public Health England.  Cholera  **There are two vaccines available to prevent cholera: Dukorat® and Vaxchora®; see rows below. Ensure the correct guidance is applied depending on the vaccine given.    **If vaccine name not certain, treat as a Live vaccine."*   **Covidental®**	Diseases protected against	Comments and example trade names of adult preparations	
and Vaxchora®; see rows below. Ensure the correct guidance is applied depending on the vaccine given. If vaccine name not certain, treat as a Live vaccine.»  ## Vaxchora® ## CDVID-19 (SARS-CoV-2)  ## All COVID-19 vaccines licensed in the UK are Non-Live. These include:  ## Pfizer/BioNTech (tozinameran/Comlimaty®)  ## AstraZeneca (Vaxzevira®)  ## AstraZeneca (Vaxzevira®)  ## AstraZeneca (Vaxzevira®)  ## AstraZeneca (Vaxzevira®)  ## AstraZeneca (Vavzevira®)  ## AstraZeneca (Vav	Anthrax	Rarely given available only through Public Health England.	Non-Live
Oral vaccine. Dukoral®   «Live»	Cholera	and Vaxchora®; see rows below. Ensure the correct guidance is	Non-Live
«Vaxchora®»       «Live»         «Dukoral®»       «Non-Live»         COVID-19 (SARS-CoV-2)       All COVID-19 vaccines licensed in the UK are Non-Live. These include:		If vaccine name not certain, treat as a Live vaccine.»	
## All COVID-19 (SARS-COV-2)  ## All COVID-19 vaccines licensed in the UK are Non-Live. **These include:  ## Pfizer/BioNTech (tozinameran/Comirnaty®)  ## AstraZenece (Vaxzevira®)  ## AstraZenece (Vaxevira®)  ## AstraZenece (Vax		<del>Oral vaccine. Dukoral®</del>	
All COVID-19 (SARS-CoV-2)  All COVID-19 vaccines licensed in the UK are Non-Live. These include:  - Pfizer/BieNTech (tozinameran/Comirnaty®) - AstraZeneca (Vaxzevira®) - Moderna (Spikevax®) - Janssen Ad26-COV2-S - Nevavax (Nuvaxevid®) - COVID-19 Vaccine Valneva  WHaemophilus influenzae type b (Hib)» - HiB  Hepatitis A  May be combined with typhoid or hepatitis B. Hepatitis A only: Vaqta®, Avaxim®, Havrix® Combined with typhoid: «ViATIM®» Viatim® Combined with hepatitis B: Ambirix®, Twinrix®  Hepatitis B  May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B — Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  Whuman papillomavirus (HPV)» - HIPV  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®		«Vaxchora®»	« <u>Live</u> »
include:  - Pfizer/BioNTech (tozinameran/Comirnaty®) - AstraZeneca (Vaxzevira®) - Moderna (Spilkevax®) - Janesen Ad26.COV2-S - Novavax (Nuvaxovid®) - COVID 19 Vaccine Valneva  WHaemophilus influenzae type b (Hib)»  HiB  Hepatitis A  May be combined with typhoid or hepatitis B. Hepatitis A only: Vaqta®, Avaxim®, Havrix® Combined with typhoid: «ViATIM®» Viatim® Combined with hepatitis B: Ambirix®, Twinrix®  Hepatitis B  May be combined with hepatitis B. All unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  WHuman papillomavirus (HPV)»  HPV  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®		«Dukoral®»	« <u>Non-Live</u> »
- AstraZeneca (Vaxzevira®) - Moderna (Spikevax®) - Janssen Ad26.COV2-S - Novavax (Nuvaxevid®) - COVID-19 Vaccine Valneva  **Haemophilus influenzae type b (Hib)»  ###  Hepatitis A  May be combined with typhoid or hepatitis B. Hepatitis A only: Vaqta®, Avaxim®, Havrix® Combined with typhoid: «ViATIM®» Viatim® Combined with typhoid: «ViATIM®» Viatim® Combined with hepatitis B: Ambirix®, Twinrix®  Hepatitis B  May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B - Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  **Human papillomavirus** (HPV)»  ###  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®  Live	COVID-19 (SARS-CoV-2)		Non-Live
Moderna (Spikevax®)     Janssen Ad26-COV2-S     Novavax (Nuvaxovid®)     COVID-19 Vaccine Valneva  WHaemophilus influenzae type b (Hib)»  HiB  Hepatitis A  May be combined with typhoid or hepatitis B. Hepatitis A only: Vaqta®, Avaxim®, Havrix® Combined with typhoid: «ViATIM®» Viatim® Combined with hepatitis B: Ambirix®, Twinrix®  Hepatitis B  May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  Whuman papillomavirus (HPV)»  HPV  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®		Pfizer/BioNTech (tozinameran/Comirnaty®)	
Wear and the second of the partitis of the		AstraZeneca (Vaxzevira®)	
Non-Live		Moderna (Spikevax®)	
«Haemophilus influenzae type b (Hib)»  HiB  Hepatitis A  May be combined with typhoid or hepatitis B. Hepatitis A only: Vaqta®, Avaxim®, Havrix® Combined with typhoid: «ViATIM®» Viatim® Combined with hepatitis B: Ambirix®, Twinrix®  Hepatitis B  May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  «Human papillomavirus (HPV)»  HPV  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®  Live  Live		◆ Janssen Ad26.COV2-S	
«Haemophilus influenzae type b (Hib)»       Haemophilus influenza, Menitorex®       Non-Live         Hepatitis A       May be combined with typhoid or hepatitis B. Hepatitis A only: Vaqta@, Avaxim@, Havrix@       Non-Live         Combined with typhoid: «ViATIM®» Viatim@       Combined with hepatitis B: Ambirix®, Twinrix®         Hepatitis B       May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®         «Human papillomavirus (HPV)»       Cervarix®, Gardasil®         HPV       Influenza, intra-nasal       Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®       Live		Novavax (Nuvaxovid®)	
Hepatitis A  May be combined with typhoid or hepatitis B. Hepatitis A only: Vaqta®, Avaxim®, Havrix® Combined with typhoid: «ViATIM®» Viatim® Combined with hepatitis B: Ambirix®, Twinrix®  Hepatitis B  May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  «Human papillomavirus (HPV)»  HPV  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®		COVID-19 Vaccine Valneva	
Hepatitis A only: Vaqta®, Avaxim®, Havrix® Combined with typhoid: «ViATIM®» Viatim® Combined with hepatitis B: Ambirix®, Twinrix®  Hepatitis B  May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  Cervarix®, Gardasil®  Non-Live  HPV  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®  Live	b (Hib)»	Haemophilus influenza, Menitorex®	Non-Live
Combined with typhoid: «ViATIM®» Viatim® Combined with hepatitis B: Ambirix®, Twinrix®  Hepatitis B  May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  Cervarix®, Gardasil®  Non-Live  Non-Live  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®	Hepatitis A	May be combined with typhoid or hepatitis B.	Non-Live
Combined with hepatitis B: Ambirix®, Twinrix®  Hepatitis B  May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  «Human papillomavirus (HPV)»  HPV  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®  Live		Hepatitis A only: Vaqta®, Avaxim®, Havrix®	
Hepatitis B  May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®  Cervarix®, Gardasil®  Non-Live  Non-Live  Non-Live  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®  Live		Combined with typhoid: «ViATIM®» Viatim®	
days from last immunisation, accept. See: Hepatitis B – Immunisation Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®   "Human papillomavirus (HPV)» HPV  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®  Live		Combined with hepatitis B: Ambirix®, Twinrix®	
WHuman papillomavirus (HPV)»       Cervarix®, Gardasil®       Non-Live         HPV       Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®       Live	Hepatitis B		Non-Live
HPV  Influenza, intra-nasal  Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®  Live			
Influenza, intra-nasal Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra® Live		Cervarix®, Gardasil®	Non-Live
	HPV		
Influenza, injection Annual 'flu jab', given by injection. Non-Live	Influenza, intra-nasal	Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®	Live
	Influenza, injection	Annual 'flu jab', given by injection.	Non-Live
Several preparations, updated annually.	-		

Japanese Encephalitis	Travel. Ixiaro®	Non-Live
Measles, Mumps, Rubella	MMR vaccines. M-M-RvaxPro®, Priorix®	Live
Meningitis	Meningococcal group C: NeisVac-C®, Menjugate Kit®  Meningococcal group B: Bexsero®, Trumenba®  MenACWY Quadrivalent vaccine: Menveo®, Nimenrix®, MenQuadfi®	Non-Live
«Mpox (formerly known as Monkeypox)»  Monkeypox	Combined with <i>H. influenzae</i> type b (Hib): Menitorix®  «Imvanex® / MVA-BN is a live attenuated non-replicating Smallpox vaccine. It may be used for pre-exposure Mpox prophylaxis in healthcare workers or for post-exposure prophylaxis in contacts of Mpox cases. If given for Mpox vaccination, treat as a non-live vaccine. See DSG entry for Mpox.»  **During the 2022 Monkeypox outbreaks, contacts of Monkeypox cases may receive Imvanex, a live attenuated non-replicating Smallpox vaccine. For donor selection purposes this should be assessed as a non-live vaccine. See DSG entry for Monkeypox.	Non-Live
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine». Boostrix IPV®, Repavax®	Non-Live
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	Non-Live
Polio, injected	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»  Would usually be given Diphtheria, Tetanus and Polio (injection). Boostrix-IPV®, Revaxis®, Repevax®	Non-Live
Polio, oral	Not in routine use in UK. May be used abroad.	<u>Live</u>
Rabies	Given to non-exposed individuals if occupation or activity has an exposure risk, or for some travellers to endemic areas:  Rabipur®, Verorab®	Non-Live
«Respiratory Syncytial Virus (RSV)»	«Abrysvo®, Arexvy®»	« <u>Non-Live</u> »
Shingles	There are two vaccines available to prevent shingles: Zostavax® and Shingrix® (see below). Ensure the correct guidance is applied depending on the vaccine given. If vaccine name not certain, treat as a Live vaccine  «Please note, Shingrix® has replaced Zostavax® in the UK vaccination programme for individuals aged 60-79 years.»	<u>Live</u>
	Zostavax® for shingles prevention	Live
	Shingrix® for shingles prevention	Non-Live
Smallpox	Note this live vaccine requires an 8-week deferral. If given, see DSG entry for Smallpox Immunisation. See «also Mpox»  Monkeypox (above).	<u>Live</u>

Tetanus	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»  Would usually be given Diphtheria, Tetanus and Polio. Revaxis® Boostrix IPV®, Repevax®	Non-Live
Tick-borne encephalitis «(TBE)»	«TicoVac®» <del>Tico-vac®</del>	Non-Live
Tuberculosis	BCG vaccine	<u>Live</u>
Typhoid, injected	Typhim Vi® Combined with hepatitis A: «ViATIM®» <i>Viatim</i> ®	Non-Live
Typhoid, oral	Given in capsule form. Vivotif®	Live
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	<u>Live</u>
Yellow Fever	Stamaril®	<u>Live</u>



### 4. Changes apply to the Tissues - Live Donors DSG

# **Appendix 3: Table of Immunisations**

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given available only through Public Health England.	Non-Live
Cholera	«There are two vaccines available to prevent cholera: Dukoral® and Vaxchora®; see rows below. Ensure the correct guidance is applied depending on the vaccine given.	Non-Live
	If vaccine name not certain, treat as a Live vaccine.»	
	Oral vaccine. Dukoral®	
	«Vaxchora®»	« <u>Live</u> »
	«Dukoral®»	«Non-Live»
COVID-19 (SARS-CoV-2)	All COVID-19 vaccines licensed in the UK are Non-Live. These include:	Non-Live
	Pfizer/BioNTech (tozinameran/Comirnaty®)	
	AstraZeneca (Vaxzevira®)	
	■ Moderna (Spikevax®)	
	■ Janssen Ad26.COV2-S	
	Novavax (Nuvaxovid®)	
	COVID-19 Vaccine Valneva	
«Dengue»	«Qdenga®, Dengvaxia®»	« <u>Live</u> »
«Haemophilus influenza type b (Hib)»	Haemophilus influenza, Menitorex®	Non-Live
HiB		
Hepatitis A	May be combined with typhoid or hepatitis B.	Non-Live
	Hepatitis A only: Vaqta®, Avaxim®, Havrix®	
	Combined with typhoid: «ViATIM®» Viatim®	
	Combined with hepatitis B: Ambirix®, Twinrix®	
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation	Non-Live
	Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®	
«Human papillomavirus (HPV)»	Cervarix®, Gardasil®	Non-Live
HPV		
Influenza, intra-nasal	Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®	<u>Live</u>

Influenza, injection	Annual 'flu jab', given by injection.	Non-Live
	Several preparations, updated annually.	
Japanese Encephalitis	Travel. lxiaro®	Non-Live
Measles, Mumps, Rubella	MMR vaccines. M-M-RvaxPro®, Priorix®	<u>Live</u>
Meningitis	Meningococcal group C: NeisVac-C®, Menjugate Kit®	Non-Live
	Meningococcal group B: Bexsero®, Trumenba®	
	MenACWY Quadrivalent vaccine: Menveo®, Nimenrix®, MenQuadfi®	
	Combined with <i>H. influenzae</i> type b (Hib): Menitorix®	
«Mpox (formerly known as Monkeypox)»  Monkeypox	«Imvanex® / MVA-BN is a live attenuated non-replicating Smallpox vaccine. It may be used for pre-exposure Mpox prophylaxis in healthcare workers or for post-exposure prophylaxis in contacts of Mpox cases. If given for Mpox vaccination, treat as a non-live vaccine.	Non-Live
	See DSG entry for Mpox.»	
	During the 2022 Monkeypox outbreaks, contacts of Monkeypox cases may receive Imvanex, a live attenuated non-replicating Smallpox vaccine. For donor selection purposes this should be assessed as a non-live vaccine. See DSG entry for Monkeypox.	
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine».   Boostrix-IPV®, Repavax®	Non-Live
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	Non-Live
Polio, injected	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»	Non-Live
	Would usually be given Diphtheria, Tetanus and Polio (injection). Boostrix-IPV®, Revaxis®, Repevax®	
Polio, oral	Not in routine use in UK. May be used abroad.	Live
Rabies	Given to non-exposed individuals if occupation or activity has an exposure risk, or for some travellers to endemic areas:	Non-Live
	Rabipur®, Verorab®	
«Respiratory Syncytial Virus (RSV)»	«Abrysvo®, Arexvy®»	« <u>Non-Live</u> »
Shingles	There are two vaccines available to prevent shingles: Zostavax® and Shingrix®; see rows below. Ensure the correct guidance is applied depending on the vaccine given. If vaccine name not certain, treat as a Live vaccine	<u>Live</u>
	«Please note, Shingrix® has replaced Zostavax® in the UK vaccination programme for individuals aged 60-79 years.»	
	Zostavax® for shingles prevention	Live
	Shingrix® for shingles prevention	Non-Live

Smallpox	Note this live vaccine requires an 8-week deferral. If given, see DSG entry for <u>Smallpox Immunisation</u> . See «also Mpox» <u>Monkeypox</u> (above).	Live
Tetanus	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»  Would usually be given Diphtheria, Tetanus and Polio. Revaxis® Boostrix-IPV®, Repevax®	Non-Live
Tick-borne encephalitis «(TBE)»	«TicoVac®» <del>Tico-vac</del> ®	Non-Live
Tuberculosis	BCG vaccine	Live
Typhoid, injected	Typherix®, Typhim Vi®  Combined with hepatitis A: «ViATIM®» Viatim®	Non-Live
Typhoid, oral	Given in capsule form. Vivotif®	Live
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	<u>Live</u>
Yellow Fever	Stamaril®	Live



JPAC Joint United Kingdom (UK) Blood Transfusion and Tissue Transplantation Services Professional Advisory Committee

### 5. Changes apply to the Whole Blood and Components DSG

# **Appendix 2: Table of Immunisations**

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given available only through Public Health England.	Non-Live
Cholera	«There are two vaccines available to prevent cholera: Dukoral® and Vaxchora®; see rows below. Ensure the correct guidance is applied depending on the vaccine given.	Non-Live
	If vaccine name not certain, treat as a <b>Live</b> vaccine.»	
	Oral vaccine. Dukoral®	
	«Vaxchora®»	« <u>Live</u> »
	«Dukoral®»	«Non-Live»
COVID-19 (SARS-CoV-2)	All COVID-19 vaccines licensed in the UK are Non-Live.	Non-Live
«Dengue»	«Qdenga®, Dengvaxia®»	« <u>Live</u> »
«Haemophilus influenzae type b (Hib)»	Haemophilus influenza, Menitorex®	Non-Live
Hepatitis A	May be combined with typhoid or hepatitis B.	Non-Live
1 lopatilo / t	Hepatitis A only: Vaqta®, Avaxim®, Havrix®	INCHILING
	Combined with typhoid: «ViATIM®» Viatim®	
	Combined with hepatitis B: Ambirix®, Twinrix®	
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: Hepatitis B – Immunisation	Non-Live
	Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®	
«Human papillomavirus (HPV)»	Cervarix®, Gardasil®	Non-Live
Influenza, intra-nasal	Live vaccine given by intra-nasal spray, age 2-18. Fluenz Tetra®	<u>Live</u>
Influenza, injection	Annual 'flu jab', given by injection.	Non-Live
· •	Several preparations, updated annually.	
Japanese Encephalitis	Travel. lxiaro®	Non-Live
Measles, Mumps, Rubella	MMR vaccines. M-M-RvaxPro®, Priorix®	<u>Live</u>

Meningitis	Meningococcal group C: NeisVac-C®, Menjugate Kit®	Non-Live
	Meningococcal group B: Bexsero®, Trumenba®	
	MenACWY Quadrivalent vaccine: Menveo®, Nimenrix®, MenQuadfi®	
	Combined with <i>H. influenzae</i> type b (Hib): Menitorix®	
Mpox (formerly known as Monkeypox)	«Imvanex® / MVA-BN is a live attenuated non-replicating Smallpox vaccine. It may be used for pre-exposure Mpox prophylaxis in healthcare workers or for post-exposure prophylaxis in contacts of Mpox cases. If given for Mpox vaccination, treat as a non-live vaccine.»  During the 2022 Mpox outbreak, contacts of Mpox cases may receive Imvanex, a live attenuated non-replicating Smallpox vaccine. For donor selection purposes this should be assessed as a non-live	Non-Live
	vaccine.	
	See DSG entry for Mpox.	
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine». Boostrix-IPV®, Repavax®	Non-Live
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	Non-Live
Polio, injected	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»	Non-Live
	Would usually be given Diphtheria, Tetanus and Polio (injection). Boostrix-IPV®, Revaxis®, Repevax®	
Polio, oral	Not in routine use in UK. May be used abroad.	Live
Rabies	Given to non-exposed individuals if occupation or activity has an exposure risk, or for some travellers to endemic areas:	Non-Live
	Rabipur®, Verorab®	
«Respiratory Syncytial Virus (RSV)»	«Abrysvo®, Arexvy®»	« <u>Non-Live</u> »
Shingles	There are two vaccines available to prevent shingles: Zostavax® and Shingrix®; see rows below. Ensure the correct guidance is applied depending on the vaccine given. If vaccine name not certain, treat as a Live vaccine.	Live
	«Please note, Shingrix® has replaced Zostavax® in the UK vaccination programme for individuals aged 60-79 years.»	
	Zostavax® for shingles prevention	Live
	Shingrix® for shingles prevention	Non-Live
Smallpox	Note this live vaccine requires an 8-week deferral. If given, see DSG entry for <u>Smallpox Immunisation</u> . See also Mpox (above).	Live



Tetanus	«Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.»  Would usually be given as Diphtheria, Tetanus and Polio.  Revaxis® Boostrix-IPV®, Repevax®	Non-Live
Tick-borne encephalitis «(TBE)»	TicoVac®	Non-Live
Tuberculosis	BCG vaccine	<u>Live</u>
Typhoid, injected	Typhim Vi® Combined with hepatitis A: «ViATM®» Viatim®	Non-Live
Typhoid, oral	Given in capsule form. Vivotif®	Live
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	Live
Yellow Fever	Stamaril®	<u>Live</u>