

Change Notification for the UK Blood Transfusion Services

Date of Issue: 30 April 2025

Implementation: to be determined by each Service

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
1. Appendix 3	●	○	○	○	○	○	○
2. Appendix 3	○	●	○	○	○	○	○
3. Appendix 4	○	○	○	●	○	○	○
4. 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.



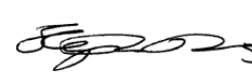
Dr Angus Wells
Chair of SACCSD



Dr Kenneth Douglas
Chair of SACCTP



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
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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	<u>Non-Live</u>
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 Live vaccine.	
	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.	<u>Non-Live</u>
Dengue	Qdenga®, Dengvaxia®	<u>Live</u>
Haemophilus influenzae type b (HiB)	Menitorix®	<u>Non-Live</u>
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®,	<u>Non-Live</u>
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®	<u>Non-Live</u>
Human papillomavirus (HPV)	Cervarix®, Gardasil®	<u>Non-Live</u>
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.	<u>Non-Live</u>
Japanese Encephalitis	Travel. Ixiaro®	<u>Non-Live</u>
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®	<u>Non-Live</u>

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. See DSG entry for <u>Mpox</u> .	<u>Non-Live</u>
Pertussis	Usually pregnant women, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine.	<u>Non-Live</u>
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	<u>Non-Live</u>
Polio, injected	Given in combination with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.	<u>Non-Live</u>
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®	<u>Non-Live</u>
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. Please note, Shingrix® has replaced Zostavax® in the UK vaccination programme for individuals aged 60-79 years.	
	Zostavax® for shingles prevention	<u>Live</u>
	Shingrix® for shingles prevention	<u>Non-Live</u>
Smallpox	Note this live vaccine requires an 8-week deferral If given, see DSG entry for <u>Smallpox Immunisation</u>. See also Mpox (above).	<u>Live</u>
Tetanus	Given in preparation with other vaccines including, depending on the preparation, Diphtheria, Tetanus, Pertussis and Haemophilus influenzae.	<u>Non-Live</u>
Tick-borne encephalitis (TBE)	TicoVac®	<u>Non-Live</u>
Tuberculosis	BCG vaccine	<u>Live</u>
Typhoid, injected	Typhim Vi® Combined with hepatitis A: ViATIM®	<u>Non-Live</u>
Typhoid, oral	Given in capsule form. Vivotif®	<u>Live</u>
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	<u>Live</u>
Yellow Fever	Stamaril®	<u>Live</u>

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

Appendix 3: Table of Immunisations

(changes indicated)

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given available only through Public Health England.	<u>Non-Live</u>
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 Live vaccine.» Oral vaccine: Dukoral®	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: 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	<u>Non-Live</u>
«Dengue»	«Qdenga®, Dengvaxis®»	«Live»
«Haemophilus influenzae type b (Hib)» HiB	Haemophilus influenzae ; Menitorex®	<u>Non-Live</u>
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®	<u>Non-Live</u>
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: <u>Hepatitis B – Immunisation</u> Engerix®, Fendrix®, HBvaxPRO®, «PreHevbri®,» Ambirix®, Twinrix®	<u>Non-Live</u>
«Human papillomavirus (HPV)» HPV	Cervarix®, Gardasil®	<u>Non-Live</u>
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.	<u>Non-Live</u>

Japanese Encephalitis	Travel. Ixiaro®	<u>Non-Live</u>
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®	<u>Non-Live</u>
«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. 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.	<u>Non-Live</u>
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine». Boostrix-IPV®, Repavax®	<u>Non-Live</u>
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	<u>Non-Live</u>
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®	<u>Non-Live</u>
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®	<u>Non-Live</u>
«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	<u>Live</u>
	Shingrix® for shingles prevention	<u>Non-Live</u>
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.» <i>Would usually be given Diphtheria, Tetanus and Polio. Revaxis® Boostrix-IPV®, Repevax®</i>	<u>Non-Live</u>
Tick-borne encephalitis «(TBE)»	«TicoVac®» Tico-vac®	<u>Non-Live</u>
Tuberculosis	BCG vaccine	<u>Live</u>
Typhoid, injected	Typhim Vi® Combined with hepatitis A: «ViATIM®» Viatim®	<u>Non-Live</u>
Typhoid, oral	Given in capsule form. Vivotif®	<u>Live</u>
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	<u>Live</u>
Yellow Fever	Stamaril®	<u>Live</u>

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

Appendix 3: Table of Immunisations

(changes indicated)

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given available only through Public Health England.	<u>Non-Live</u>
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 Live vaccine.» Oral vaccine. Dukoral®	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: <ul style="list-style-type: none"> Pfizer/BioNTech (tozinameran/Comirnaty®) AstraZeneca (Vaxzevira®) Moderna (Spikevax®) Janssen Ad26.COV2-S Novavax (Nuvaxovid®) COVID-19 Vaccine Valneva 	<u>Non-Live</u>
«Dengue»	«Qdenga®, Dengvaxis®»	«Live»
«Haemophilus influenzae type b (Hib)» HiB	Haemophilus influenzae ; Menitorex®	<u>Non-Live</u>
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®	<u>Non-Live</u>
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: <u>Hepatitis B – Immunisation</u> Engerix®, Fendrix®, HBvaxPRO®, «PreHevbri®», Ambirix®, Twinrix®	<u>Non-Live</u>
«Human papillomavirus (HPV)» HPV	Cervarix®, Gardasil®	<u>Non-Live</u>
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.	<u>Non-Live</u>
Japanese Encephalitis	Travel. Ixiaro®	<u>Non-Live</u>
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®	<u>Non-Live</u>
«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. 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.	<u>Non-Live</u>
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine». Boostrix-IPV®, Repavax®	<u>Non-Live</u>
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	<u>Non-Live</u>
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®	<u>Non-Live</u>
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®	<u>Non-Live</u>
«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. <i>Ensure the correct guidance is applied depending on the vaccine given. If vaccine name not certain, treat as a Live vaccine</i> «Please note, Shingrix® has replaced Zostavax® in the UK vaccination programme for individuals aged 60-79 years.»	<u>Live</u>
	Zostavax® for shingles prevention	<u>Live</u>
	Shingrix® for shingles prevention	<u>Non-Live</u>

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®	<u>Non-Live</u>
Tick-borne encephalitis «(TBE)»	«TicoVac®» Tico-vac®	<u>Non-Live</u>
Tuberculosis	BCG vaccine	<u>Live</u>
Typhoid, injected	Typhim Vi® Combined with hepatitis A: «ViATIM®» Viatim®	<u>Non-Live</u>
Typhoid, oral	Given in capsule form. Vivotif®	<u>Live</u>
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	<u>Live</u>
Yellow Fever	Stamaril®	<u>Live</u>

3. Changes apply to the **Tissues – Deceased Donors DSG**

Appendix 4: Table of Immunisations

(changes indicated)

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given available only through Public Health England.	<u>Non-Live</u>
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 Live vaccine.» Oral vaccine: Dukoral®	Non-Live
	«Vaxchora®»	« Live »
	«Dukoral®»	« <u>Non-Live</u> »
COVID-19 (SARS-CoV-2)	All COVID-19 vaccines licensed in the UK are Non-Live. These include: <ul style="list-style-type: none"> • Pfizer/BioNTech (tozinameran/Comirnaty®) • AstraZeneca (Vaxzevira®) • Moderna (Spikevax®) • Janssen Ad26.COV2-S • Novavax (Nuvaxovid®) • COVID-19 Vaccine Valneva 	<u>Non-Live</u>
«Haemophilus influenzae type b (Hib)» HiB	Haemophilus influenzae; Menitorex®	<u>Non-Live</u>
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®	<u>Non-Live</u>
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: <u>Hepatitis B – Immunisation</u> Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®	<u>Non-Live</u>
«Human papillomavirus (HPV)» HPV	Cervarix®, Gardasil®	<u>Non-Live</u>
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.	<u>Non-Live</u>

Japanese Encephalitis	Travel. Ixiaro®	<u>Non-Live</u>
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®	<u>Non-Live</u>
«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. See DSG entry for <u>Mpox</u> .» 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 <u>Monkeypox</u>.	<u>Non-Live</u>
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine». Boostrix-IPV®, Repavax®	<u>Non-Live</u>
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	<u>Non-Live</u>
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®	<u>Non-Live</u>
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®	<u>Non-Live</u>
«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	<u>Live</u>
	Shingrix® for shingles prevention	<u>Non-Live</u>
Smallpox	Note this live vaccine requires an 8-week deferral. If given, see DSG entry for <u>Smallpox Immunisation</u>. 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®	<u>Non-Live</u>
Tick-borne encephalitis «(TBE)»	«TicoVac®» Tico-vac®	<u>Non-Live</u>
Tuberculosis	BCG vaccine	<u>Live</u>
Typhoid, injected	Typhim Vi® Combined with hepatitis A: «ViATIM®» Viatim®	<u>Non-Live</u>
Typhoid, oral	Given in capsule form. Vivotif®	<u>Live</u>
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

(changes indicated)

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given available only through Public Health England.	<u>Non-Live</u>
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 Live vaccine.» Oral vaccine. Dukoral®	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: <ul style="list-style-type: none"> Pfizer/BioNTech (tozinameran/Comirnaty®) AstraZeneca (Vaxzevira®) Moderna (Spikevax®) Janssen Ad26.COV2-S Novavax (Nuvaxovid®) COVID-19 Vaccine Valneva 	<u>Non-Live</u>
«Dengue»	«Qdenga®, Dengvaxia®»	«Live»
«Haemophilus influenza type b (Hib)» HiB	Haemophilus influenza; Menitorex®	<u>Non-Live</u>
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®	<u>Non-Live</u>
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: <u>Hepatitis B – Immunisation</u> Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®	<u>Non-Live</u>
«Human papillomavirus (HPV)» HPV	Cervarix®, Gardasil®	<u>Non-Live</u>
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.	<u>Non-Live</u>
Japanese Encephalitis	Travel. Ixiaro®	<u>Non-Live</u>
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®	<u>Non-Live</u>
«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. 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.	<u>Non-Live</u>
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine». Boostrix-IPV®, Repavax®	<u>Non-Live</u>
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	<u>Non-Live</u>
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®	<u>Non-Live</u>
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®	<u>Non-Live</u>
«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. <i>Ensure the correct guidance is applied depending on the vaccine given. If vaccine name not certain, treat as a Live vaccine</i> «Please note, Shingrix® has replaced Zostavax® in the UK vaccination programme for individuals aged 60-79 years.»	<u>Live</u>
	Zostavax® for shingles prevention	<u>Live</u>
	Shingrix® for shingles prevention	<u>Non-Live</u>

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®	<u>Non-Live</u>
Tick-borne encephalitis «(TBE)»	«TicoVac®» Tico-vac®	<u>Non-Live</u>
Tuberculosis	BCG vaccine	<u>Live</u>
Typhoid, injected	Typherox® , Typhim Vi® Combined with hepatitis A: «ViATIM®» Viatim®	<u>Non-Live</u>
Typhoid, oral	Given in capsule form. Vivotif®	<u>Live</u>
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	<u>Live</u>
Yellow Fever	Stamaril®	<u>Live</u>

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

Appendix 2: Table of Immunisations

(changes indicated)

Diseases protected against	Comments and example trade names of adult preparations	
Anthrax	Rarely given available only through Public Health England.	<u>Non-Live</u>
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 Live vaccine.» Oral vaccine. Dukoral®	Non-Live
	«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.	<u>Non-Live</u>
«Dengue»	«Qdenga®, Dengvaxia®»	« <u>Live</u> »
«Haemophilus influenzae type b (Hib)» HiB	Haemophilus influenzae ; Menitorex®	<u>Non-Live</u>
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®	<u>Non-Live</u>
Hepatitis B	May be combined with hepatitis A. If unexposed and more than 7 days from last immunisation, accept. See: <u>Hepatitis B – Immunisation</u> Engerix®, Fendrix®, HBvaxPRO®, «PreHevBri®,» Ambirix®, Twinrix®	<u>Non-Live</u>
«Human papillomavirus (HPV)» HPV	Cervarix®, Gardasil®	<u>Non-Live</u>
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.	<u>Non-Live</u>
Japanese Encephalitis	Travel. Ixiaro®	<u>Non-Live</u>
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®	<u>Non-Live</u>
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 vaccine. See DSG entry for <u>Mpox</u> .	<u>Non-Live</u>
Pertussis	Usually pregnant women«, given in combination with Diphtheria, Tetanus and Polio vaccine or in combination with Diphtheria and Tetanus vaccine». Boostrix-IPV®, Repavax®	<u>Non-Live</u>
Pneumococcal disease	Given to people with specific risks: for example, people who have had a splenectomy or people over 65. Pneumovax®23	<u>Non-Live</u>
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®	<u>Non-Live</u>
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®	<u>Non-Live</u>
«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	<u>Live</u>
	Shingrix® for shingles prevention	<u>Non-Live</u>
Smallpox	Note this live vaccine requires an 8-week deferral. If given, see DSG entry for <u>Smallpox Immunisation</u>. See also Mpox (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 as Diphtheria, Tetanus and Polio. Revaxis® Boostrix-IPV®, Repevax®	<u>Non-Live</u>
Tick-borne encephalitis «(TBE)»	TicoVac®	<u>Non-Live</u>
Tuberculosis	BCG vaccine	<u>Live</u>
Typhoid, injected	Typhim Vi® Combined with hepatitis A: «ViATM®» Viatim®	<u>Non-Live</u>
Typhoid, oral	Given in capsule form. Vivotif®	<u>Live</u>
Varicella (chickenpox)	Usually given to healthcare workers. Varilrix®, Varivax®	<u>Live</u>
Yellow Fever	Stamaril®	<u>Live</u>