

Post chemotherapy immunisation guidelines for children < 2 years post cancer treatment- March 2022

Inactivated vaccines		Glossary
<p>Post chemo ≤ 9 yrs of age^Ω</p> <p>Booster doses for children who have received their primary course of vaccines before diagnosis.</p> <p>Visit 1</p> <ul style="list-style-type: none"> • Infanrix hexa‡ • Prevenar 13 • Nimenrix • Bexsero- dose 1 <p>Visit 2 (min. of 8 weeks post visit 1)</p> <ul style="list-style-type: none"> • Bexsero- dose 2 • Pneumovax 23 (if child is ≥ 2 yrs of age) 	<p>Post chemo ≥ 10 yrs of age^Ω</p> <p>Booster doses for children who have received their primary course of vaccines before diagnosis.</p> <p>Visit 1</p> <ul style="list-style-type: none"> • Infanrix hexa • Prevenar 13 • Nimenrix • Bexsero- dose 1 • Gardasil 9€ <p>Visit 2 (min. of 8 weeks post visit 1)</p> <ul style="list-style-type: none"> • Bexsero- dose 2 • Pneumovax 23 	<p>Bexsero -Meningococcal B</p> <p>Comirnaty (Pfizer) 10µ (orange cap) -COVID-19 (5-11 yo)</p> <p>Comirnaty (Pfizer) 30µ (purple cap) -COVID-19 (≥12 yo)</p> <p>Gardasil 9 -Human papillomavirus</p> <p>Infanrix hexa -Diphtheria -Tetanus -Pertussis -Polio -Hib -Hepatitis B (paed)</p> <p>Infanrix-IPV/Quadracel -Diphtheria -Tetanus -Pertussis -Polio</p> <p>Nimenrix -Meningococcal ACWY</p>
<p>COVID-19 vaccines</p> <p>Post chemo ≤ 11 yrs of age</p>		
<p>For ages 5-11 years: Comirnaty (Pfizer) 10µ (orange cap)‡</p> <p>-If no previous doses then give 2 doses (0 and 3-8 weeks) -If 1 dose given whilst on treatment/prior to treatment then give 2 further doses 8 weeks apart (ensuring a min. of 3 weeks since previous dose) -If 2 doses previously given/given on treatment, give 1 dose (min. 8 weeks since previous dose)</p>	<p>For ages 6-11 years: Spikevax (Moderna) 50 µ (0.25ml) §^</p> <p>-If no previous doses then give 2 doses (0 and 4-8 weeks) -If 1 dose given whilst on treatment/prior to treatment then give 2 further doses 8 weeks apart (ensuring a min. of 4 weeks since previous dose) -If 2 doses previously given/given on treatment, give 1 dose (min. 8 weeks since previous dose)</p>	<p>Pneumovax 23 -Pneumococcal polysaccharide</p> <p>Prevenar 13 -Pneumococcal conjugate</p> <p>Priorix/MMRII -Measles -Mumps -Rubella</p> <p>Priorix-tetra/ProQuad -Measles -Mumps -Rubella -Varicella</p>
<p>Post chemo ≥ 12 yrs of age</p>		
<p>Comirnaty (Pfizer) 30µ (purple cap)‡</p> <p>-If no previous doses then give 2 doses (0 and 3 weeks) -If 1 dose given whilst on treatment/prior to treatment then give 2 further doses 8 weeks apart (ensuring a min. of 3 weeks since previous dose) -If 2 doses previously given/given on treatment, give 1 dose (min. 8 weeks since previous dose)</p> <p><i>NB: An additional booster dose of COVID-19 vaccine is recommended for those ≥16 years of age, ≥3 months after the completion of the primary course.</i></p>	<p>Spikevax (Moderna) 100µ (0.5ml)‡ §^</p> <p>-If no previous doses given then give 2 doses (0 and 4 weeks) -If 1 dose given whilst on treatment/prior to treatment then give 2 further doses 8 weeks apart (ensuring a min. of 4 weeks since previous dose) -If 2 doses previously given/given on treatment, give 1 dose (min. 8 weeks since previous dose)</p> <p><i>NB: An additional booster dose of COVID-19 vaccine is recommended for those ≥16 years of age, ≥3 months after the completion of the primary course.^</i></p>	
<p>Live-attenuated vaccines</p>		
<p>Post chemo live vaccines ≤ 3 yrs of age</p> <p>Only give on consultation with oncologist</p> <p>Visit 1</p> <ul style="list-style-type: none"> • Priorix/MMRII- dose 1^β • Varilrix/Varivax- dose 1^β <p>Visit 2 (min. 4 weeks post visit 1)</p> <p>Priorix-tetra/ProQuad- dose 2^β</p>	<p>Post chemo live vaccines ≥ 4 yrs of age^Ω</p> <p>Only give on consultation with oncologist</p> <p>Visit 1</p> <ul style="list-style-type: none"> • Priorix-tetra/ProQuad - dose 1^β <p>Visit 2 (min. 4 weeks post visit 1)</p> <ul style="list-style-type: none"> • Priorix-tetra/ProQuad- dose 2^β 	<p>Spikevax (Moderna) 50µ (0.25 ml) -COVID-19 (6-11yo and booster dose)</p> <p>Spikevax (Moderna) 100µ (0.5ml) -COVID-19 (≥12 yo)</p> <p>Varivax/Varilrix -Varicella</p>

^ΩVaccination can commence > 6 months after completion of treatment and if underlying illness is in remission. Once vaccines are completed, children should continue to be vaccinated as per the National Immunisation Program (NIP).

‡Dose 3 **Infanrix hexa** completes the primary schedule. If the child is > 4 years of age but <10 years of age, they must also complete a single dose of **Infanrix-IPV/Quadracel** > 6 months later.

€Recommended for those aged ≥12 years. Those who have previously completed a full course of vaccination only require a single booster dose. In those who have received no previous doses, a complete age-appropriate course is recommended.

‡Completing a COVID-19 vaccine course with the same brand is preferred. Where recommended a third dose of COVID-19 vaccine can be administered 2-6 months after the second dose.

^Spikevax 0.25ml dose is registered for use as a primary course (including as a 3rd dose for severely immunocompromised individuals) only in those aged 6-11 years as well as individuals ≥ 16 years requiring a booster dose. It is not recommended as a primary schedule for individuals aged ≥12 years.

§Spikevax 0.5ml is registered for use as a primary course (including as a 3rd dose for severely immunocompromised individuals) only in those aged ≥12 years. It is not recommended for use in those aged <12 years or as a booster dose.

§Hepatitis B serology should be completed 4 weeks after **Infanrix hexa- dose 3**. If < 10 IU/mL, repeat hepatitis B course with age-appropriate vaccines.

βThere are recommended intervals between the administration of live-attenuated vaccines and blood products. Please refer to [live-attenuated vaccines and immunoglobulins or blood-products](#) before administering for more information.

NB: Annual [influenza vaccination](#) is recommended for all age groups. Please also refer to [asplenia/hyposplenia recommendations](#) if applicable.