

## Pre-Solid Organ Transplant Recipients (SOTR) immunisation guidelines to 18 years (July 2018)

-At diagnosis and/or consideration of transplant- it is recommended that the ***full primary schedule with additional vaccines*** be completed as early as possible

-Ideally administer vaccines a minimum of 4 weeks before SOT, to maximise the serum immune response

- ***Once transplanted, live attenuated vaccines MUST NOT be given***

Age	Routine Immunisation schedule	Additional vaccines	Additional comments/references	Glossary
Birth	Hep B (paediatric)		-Complete within 7 days, no need for catch up if dose missed	<u>ActHIB</u> *haemophilus influenzae type B
6-8 weeks	Infanrix Hexa Prevenar 13 Rotarix <sup>£</sup>		-Can be given from 6 weeks of age  - <a href="http://www.mvec.vic.edu.au/immunisation-references/rotavirus/">http://www.mvec.vic.edu.au/immunisation-references/rotavirus/</a>  -Bexsero and Menveo licensed from 2 months of age <sup>¥</sup>	Boostrix * diphtheria * tetanus * pertussis  <u>Gardasil9</u> *human papillomavirus
4 month	Infanrix Hexa Prevenar 13 Rotarix <sup>£</sup>			<u>Hepatitis B</u> *adult dose or paediatric dose
6 month	Infanrix Hexa	Influenza vaccine (recommended annually) Prevenar 13	-Before having 6 month vaccines must be ≥24 weeks of age and ≥8 weeks post 4/12 immunisations  -Additional Prevenar 13 @ 6-months or diagnosis/consideration of transplant (0-18 years)  - <a href="http://www.mvec.vic.edu.au/immunisation-references/influenza-vaccine-recommendations/">http://www.mvec.vic.edu.au/immunisation-references/influenza-vaccine-recommendations/</a>	<u>Infanrix Hexa</u> * diphtheria * tetanus * pertussis * polio *haemophilus influenzae type B * hepatitis B (paed)
Additional timepoint [9 months]			-Can consider commencing Priorix/MMR II and Varilrix/Varivax, 2 dose schedule, 4 weeks apart, if transplant is imminent <sup>¥</sup>	<u>Infanrix IPV/Quadracel</u> * diphtheria * tetanus * pertussis * polio
12 month	Priorix <sup>¥£</sup> /MMR II <sup>¥£</sup> Nimenrix Prevenar 13	Varilrix <sup>£¥</sup> / Varivax <sup>£¥</sup> Vaqta <sup>¥</sup> Bexsero <sup>¥</sup>	-Vaqta can be commenced from 12 months of age (2-doses 6-months apart)  -Additional Prevenar 13 @ 12-months or diagnosis/consideration of transplant (0-18 years)  -Bexsero can be commenced (2 doses, 2 months apart)  - <a href="http://www.mvec.vic.edu.au/immunisation-references/meningococcal-disease-and-vaccines/">http://www.mvec.vic.edu.au/immunisation-references/meningococcal-disease-and-vaccines/</a>	<u>Menveo/Nimenrix/Menactra</u> * 4-valent meningococcal conjugate ACWY  <u>Pneumovax 23</u> *23-valent pneumococcal polysaccharide  <u>Prevenar 13</u> *13-valent pneumococcal conjugate
14 month		Bexsero <sup>¥</sup>	-Bexsero dose 2 administered ≥2 months after 1 <sup>st</sup> dose	<u>Priorix/MMR II</u> * measles * mumps * rubella
18 month	Priorix Tetra <sup>¥£</sup> / ProQuad <sup>¥£</sup> Infanrix/Tripacel ActHIB	Vaqta	-If ≤4 years Priorix Tetra/ProQuad must NOT be given as the first dose of measles containing vaccine but can be given as the 2 <sup>nd</sup> dose  -Vaqta dose 2 administered ≥ 6months after the 1 <sup>st</sup> dose	<u>Priorix Tetra/ProQuad</u> *varicella *mumps *measles *rubella
2 years		Pneumovax 23	-Must be a ≥8 weeks post Prevenar 13  - Considered once ≥2 years of age	<u>Rotarix</u> *rotavirus
4 years	Infanrix IPV/Quadracel			<u>Vaqta</u> *hepatitis A
12-13 years	Gardasil 9 Boostrix		-3 dose course (0, 2 and 6 months) -Can consider giving Boostrix early prior to transplant	<u>Varilrix/Varivax</u> * varicella
15-16 years	Menactra		-Menactra school program- currently funded by the Victorian Department of Health until December 31 2018	

<sup>¥</sup>Consult with immunisation specialist to discuss vaccines being given <12 months if transplant date is imminent

<sup>£</sup> Live attenuated vaccines (Must be administered a minimum of 4 weeks prior to transplant. Must be given on the same day or 4 weeks apart)

Household Contacts- ensure up to date with Pertussis, MMR and Varicella; Recommend annual Influenza vaccine