

Recommended vaccines for immunocompromised adults

	Hib	MenB	MenACWY	PCV	PPV23	Influenza
Asplenia, hyposplenism, haemoglobinopathies, coeliac disease, splenectomy	1 dose (if unvaccinated 2 doses 2 months apart)	2 doses 1 month apart	2 doses 2 months apart booster every 5 years	2 doses 2 months apart	2 doses 5 years apart further dose at ≥ 65 years	Annually
Cancer patients		If indicated 2 doses 1 month apart	If indicated 2 doses 2 months apart booster every 5 years	1 dose	1 dose (2 months after PCV) further dose at ≥ 65 years	Annually 1 2
HIV infection 3 4		2 doses 1 month apart	2 doses 2 months apart booster every 5 years	1 dose	1 dose (2 months after PCV) further dose at ≥ 65 years	Annually
Immunomodulatory treatment		2 doses 1 month apart 5	2 doses 2 months apart booster every 5 years ⁵	1 dose	1 dose (2 months after PCV) further dose at ≥ 65 years	Annually
Haematopoietic Stem Cell Transplant 3	3 doses 2 months apart	2 doses 1 month apart	3 doses 2 months apart booster every 5 years	3 doses 2 months apart	1 dose 6 (2 months after PCV) further dose at ≥ 65 years	Annually
Solid organ transplant 3	1 dose 7 (if unvaccinated 2 doses 2 months apart)	If indicated 2 doses 1 month apart	If indicated 2 doses 2 months apart booster every 5 years	2 doses 2 months apart	1 dose (2 months after PCV) further dose at ≥ 65 years	Annually

1 contraindicated in those on combined checkpoint inhibitors

2 if given during chemotherapy, give 2nd dose if chemotherapy is finished during the season and if the lymphocyte count is $\geq 1.0 \times 10^9/L$ (at least 4 weeks after 1st dose)

3 give Hepatitis A, high dose Hepatitis B and 3 dose HPV vaccine (see Chapter 3)

4 if seronegative, give MMR vaccine if CD4 count $>200 \times 10^6/L$

5 if on eculizumab, Soliris™

6 replace with 4th PCV if GVHD

7 consider for pre lung transplant

Source: <http://bit.ly/NIACC3>