

Appendix P

SACIG VACCINATION PROTOCOL

Pevnar 10 or Pevnar 13 (PCV 10/13) and Pneumovax (PPSS23)

Children under two years

Pevnar 10 or Pevnar 13 – South African DoH schedule includes 3 dosages (at 6 weeks, 10 weeks, 9 months). CDC recommends 4 dosages (at 2 months, 4 months, 6 months and 12-15 months): this option is available in SA if paying privately. SA DoH only supplies Pevnar 10 (cost factor). Pevnar 13 available in private sector.

Children 2 to 5 years

- 1) If unvaccinated or had less than 2 dosages Pevnar 10 or Pevnar 13:
 - Give two Pevnar 10 or Pevnar 13 dosages 8 weeks apart
- 2) If child had 3 dosages Pevnar 10 or Pevnar 13 but not after 12 months of age:
 - Give 1 dose Pevnar 10 or Pevnar 13
- 3) Give 1 dose of Pneumovax at least 8 weeks after Pevnar 10 or Pevnar 13 series has been completed.

Children 6 – 18 years

- 1) If four Pevnar 10 or Pevnar 13 dosages have not been completed:
 - Give one dose of Pevnar 10 or Pevnar 13 BEFORE administering Pneumovax.
- 2) Give 1 dose of Pneumovax (if not already received earlier in childhood) at least 8 weeks after Pevnar 10 or Pevnar 13

Adults 19 – 64 years

Give 1 dose of Pevnar 10 or Pevnar 13 and 8 weeks later Pneumovax.

Adults 65 years and older awaiting cochlear implantation:

If no previous Pevnar 10 or Pevnar 13: Give 1 dose of Pevnar 10 or Pevnar 13 and Pneumovax 8 weeks later, but Pneumovax must be administered at least 5 years after any prior Pneumovax dose. (This age group is seen as high risk because of aging immune system and Pneumovax is routinely recommended: specifically enquire whether patient had Pneumovax in past five years.)

Adults 65 years and older with cochlear implants:

Single booster Pneumovax from age 65, at least 5 years after the previous dose of Pneumovax.

Important general information

- 1) Pevnar 10 or Pevnar 13 must be administered at least 2 weeks before cochlear implant surgery for the vaccination to have a protective effect at the time of surgery. Pneumovax (given 8 weeks after Pevnar 10 or Pevnar 13) can be administered before or after surgery.
- 2) Pneumovax is ineffective in children younger than 2 years of age and is only administered at age 2 and older
- 3) Recommended sequence is Pevnar 10 or Pevnar 13 first and Pneumovax after at least an 8 week interval.
- 4) If Pneumovax was received first, wait at least 1 year before administering Pevnar 10 or Pevnar 13.
- 5) Single booster Pneumovax recommended for 65y+ patients with cochlear implants; must be given 5 years after any previous Pneumovax. A shorter than 5 year interval will lead to a blunted immune response.
- 6) At least four weeks must lapse between Pevnar 10 or Pevnar 13 or Pneumovax and any other vaccination (e.g. flu vaccination) to avoid blunted immune response.