Hepatitis B Vaccine for Students of Health Care Professions

The following students of health care professions are eligible for hepatitis B vaccine:

- Undergraduate Medicine
- Undergraduate Nursing
- Undergraduate Dentistry
- Undergraduate Pharmacy
- Students training to be:
  - Biomedical Engineers
  - Blood Perfusion Technologists
  - Community Support Workers
  - Corrections Officers
  - Cytogeneticists
  - Dental Assistants
  - Dental Hygienists
  - Dental Technicians
  - Electrophysiologists (human)
  - Embalmers and Funeral Directors
  - EMT/paramedics
  - Health Science Students (University Departments of Anatomy)
  - Licensed Practical Nurses
  - Long Term Care Attendants
  - Medical Laboratory Technicians
  - Medical Office Assistants
  - Midwives
  - Naturopathic Physicians
  - Nurses’ Aides
  - Personal Care Attendants
  - Radiology Technicians
  - Rehabilitation Medicine Specialists
  - Respiratory Therapists
  - Residential Care Aides
  - Sterile Supply Workers

Note: Individuals who received hepatitis B vaccine years prior to enrolment as a student in a health care profession or employment as a health care worker whose response to initial vaccination is unknown should be tested for HBsAg, anti-HBs and anti-HBc Total. Consider as immune those who have documentation of a complete series of hepatitis B vaccine and anti-HBs ≥ 10 IU/L. However, if anti-HBs < 10 IU/L and:

- anti-HBs is detectable: provide 1 dose of vaccine and retest 4 weeks later:
  - If level is ≥ 10 IU/L, consider as immune and no further doses are required.
  - If level is < 10 IU/L, complete the second vaccine series and retest 4 weeks later.
- anti-HBs is undetectable: provide a second series and retest 4 weeks later.

If anti-HBs remains < 10 IU/L after 2 vaccine series, consider as a non-responder and susceptible to hepatitis B.