

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.