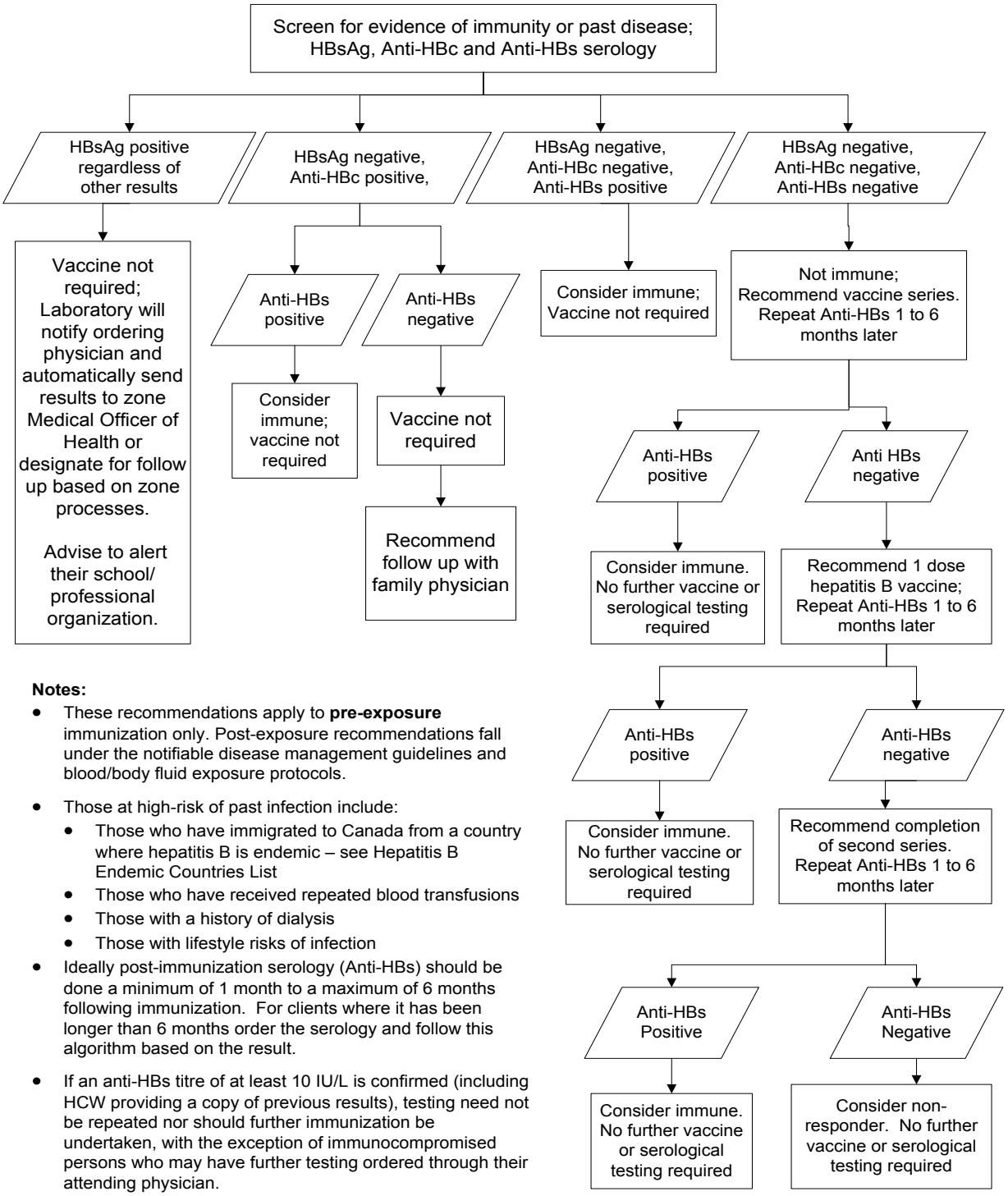
Appendix C

Hepatitis B Vaccine Recommendations Algorithm for Individuals <u>at High-Risk</u> of Past Infection



Notes:

- These recommendations apply to **pre-exposure** immunization only. Post-exposure recommendations fall under the notifiable disease management guidelines and blood/body fluid exposure protocols.
- Those at high-risk of past infection include:
  - Those who have immigrated to Canada from a country where hepatitis B is endemic – see Hepatitis B Endemic Countries List
  - Those who have received repeated blood transfusions
  - Those with a history of dialysis
  - Those with lifestyle risks of infection
- Ideally post-immunization serology (Anti-HBs) should be done a minimum of 1 month to a maximum of 6 months following immunization. For clients where it has been longer than 6 months order the serology and follow this algorithm based on the result.
- If an anti-HBs titre of at least 10 IU/L is confirmed (including HCW providing a copy of previous results), testing need not be repeated nor should further immunization be undertaken, with the exception of immunocompromised persons who may have further testing ordered through their attending physician.

Reference: Alberta Health Services Immunization Program Standards Manual - June, 2015