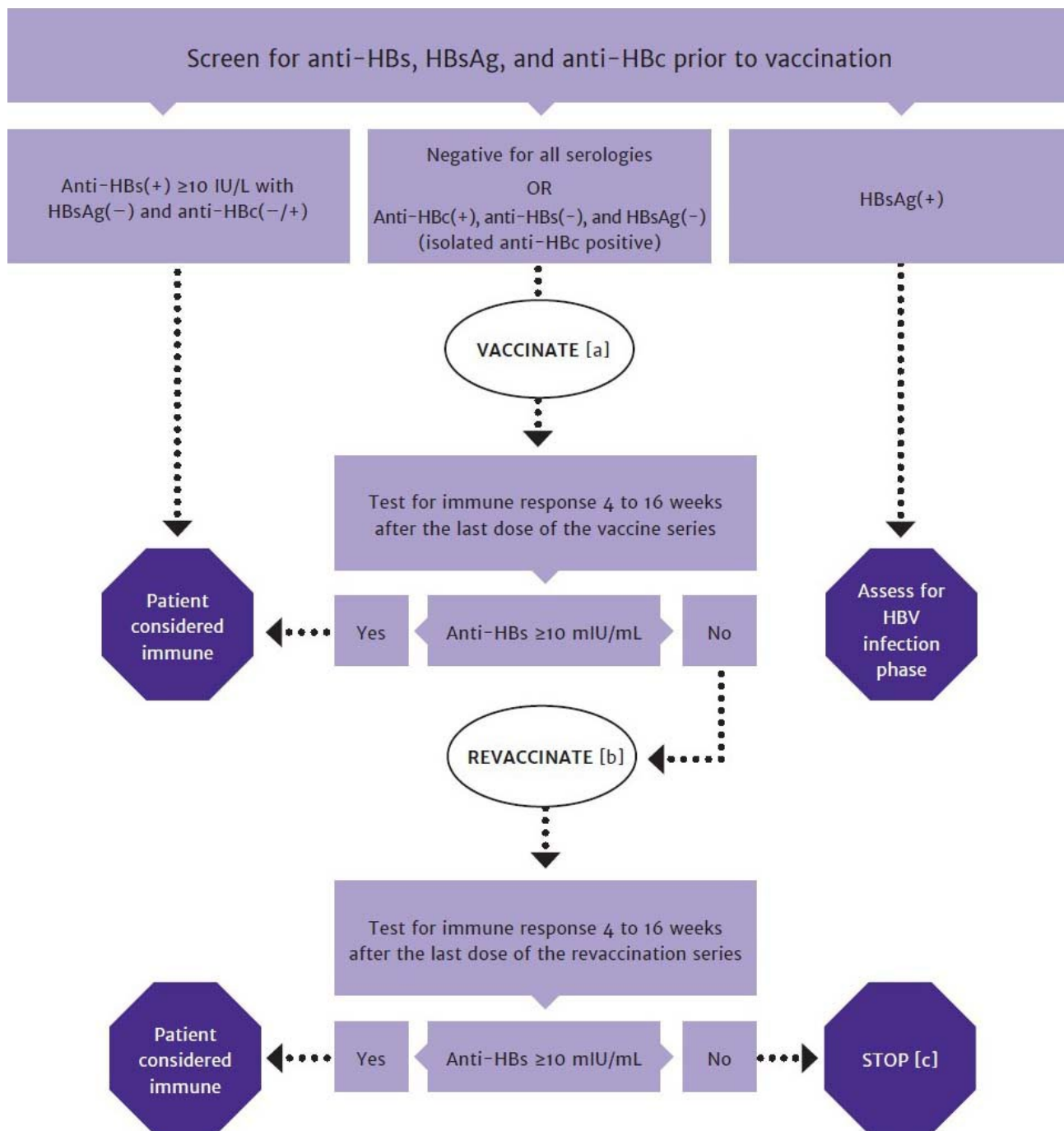


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Figure 2: Algorithm for HBV Screening and Vaccination in Patients With HIV



Abbreviations: anti-HBc, hepatitis B core antibody; anti-HBs, hepatitis B surface antibody; HBsAg, hepatitis B surface antigen; HBV, hepatitis B virus.

Notes:

- a. In patients with positive anti-HBc, negative anti-HBs, and negative HBsAg test results, vaccinate with 1 standard dose of Heplisav-B and check anti-HBs titer after 8 weeks. If titer is <100 mIU/mL, complete remaining dose in the vaccine series and recheck titer at least 8 weeks after the last vaccine.
- b. In patients with anti-HBs levels <10 mIU/mL (vaccine nonresponse), revaccination is recommended. If the Heplisav-B vaccine series was administered as the initial HBV vaccination, revaccinate with a third dose of Heplisav-B. If the Heplisav-B vaccine series was not administered as the initial HBV vaccination, revaccinate with a 2-dose series of Heplisav-B.
- c. A patient who is negative for all serologies and who does not respond to revaccination may have a primary nonresponse or chronic infection. HBV DNA testing may be used to detect the presence of chronic HBV infection.