Figure 1: B Positive program screening and treatment algorithm

‘B Positive’ Project
Screening and Surveillance Protocol

HBsAg POSITIVE
TESTS VIA GP:
HBsAg
HBV DNA
LFT’s (ALT)

HBV DNA LOW

ALT

HBV DNA HIGH
≥ 20,000 IU if age < 50
≥ 2,000 IU if age ≥ 50

ALT HIGH

ROUTINE HEPATITIS CARE
• GP-led six-monthly testing
  • HBsAg, HBV DNA, ALT
  • Annual HBV DNA

ENHANCED HCC SURVEILLANCE
• GP-led routine hepatitis care (as above):
  • Six-monthly AFP and liver ultrasound

SPECIALIST REFERRAL
(HCC PREVENTION)
• Enhanced HCC surveillance (as above)
• AND specialist-led disease staging and treatment
• Six-monthly AFP + liver ultrasound
• Consider liver biopsy

VACCINE IMMUNISATION

HBsAg NEGATIVE

Initial Enrollment

Doctor visit every six months

HIGH ALT: ≥ 1.5 upper limit of normal