

Hepatology quiz

Dr Ming Han Lim
Gastroenterologist

What is the name of this animal?



a) Puffin

b) Hornbill

c) Toucan

d) Parrot

What is the name of this animal?



a) Puffin



b) Hornbill



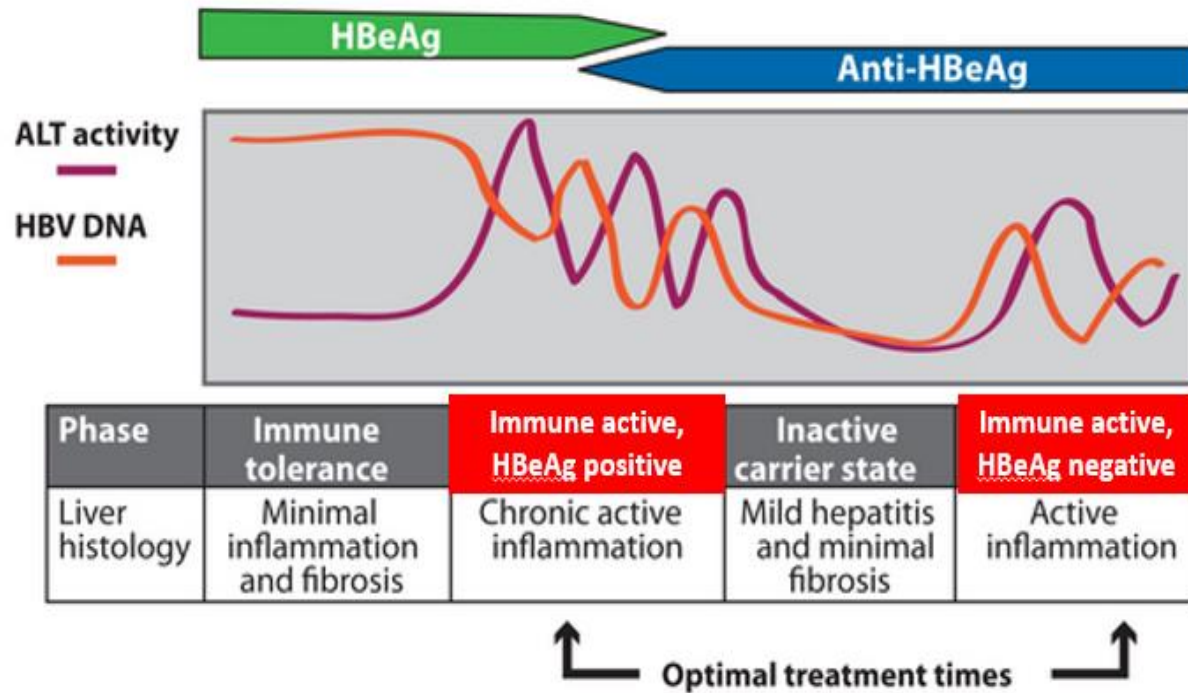
c) Toucan

d) Parrot

Case 4 – does he need treatment?

- 53 year old man
- HBV diagnosed in 2016
- Asymptomatic
- HBeAg negative
- Fluctuating ALT since 2006
 - ALT 200 in February 2018
 - HBV DNA 240 IU/mL in December 2018
- Normal liver function tests since May 2018 (current ALT 15)
- Fibroscan: 4.1 kPa, consistent with no significant fibrosis

Case 4 – does he need treatment?

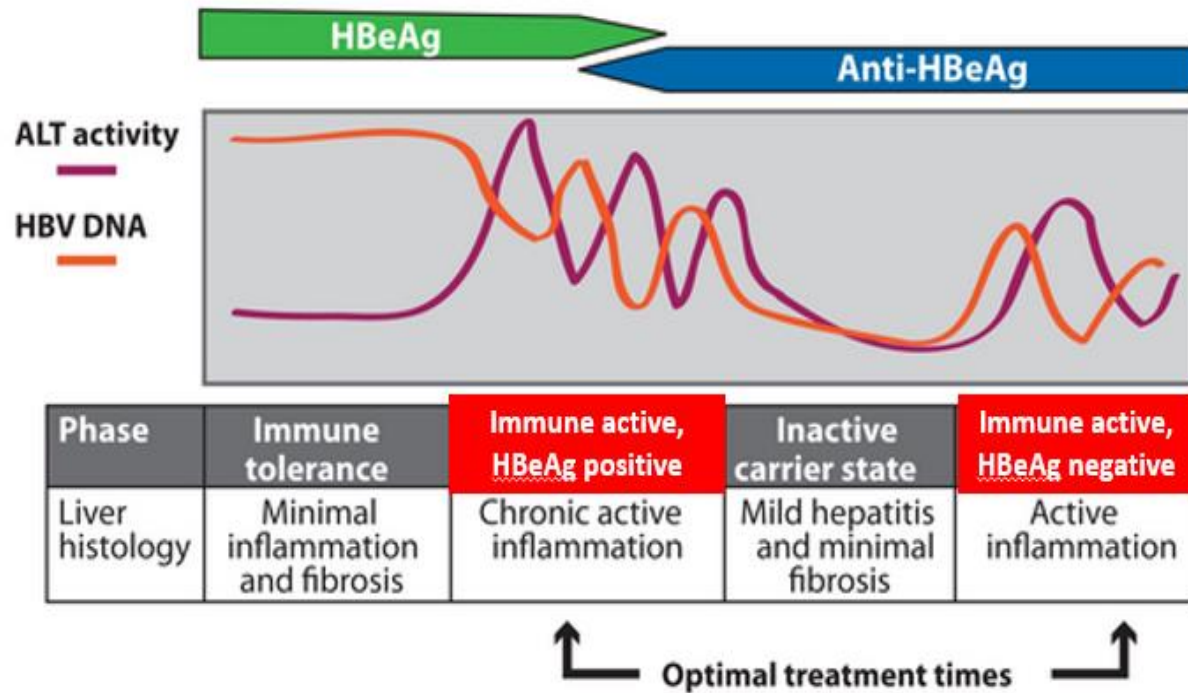


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Ex PHARMAC criteria for antiviral therapy in HBeAg -ve HBV

- Abnormal ALT AND
- HBV DNA >2000 IU/mL AND
- At least stage 2 fibrosis on liver histology

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- **HBV DNA 12300 IU/mL**

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- At least stage 2 fibrosis on liver histology

REACH-B Score for Hepatocellular Carcinoma (HCC) ☆

Estimates risk of hepatocellular carcinoma (HCC) in patients with chronic hepatitis B.

Pearls/Pitfalls ▼

Sex Female 0 **Male +2**

Age, years

30–34	0
35–39	+1
40–44	+2
45–49	+3
50–54	+4
55–59	+5
60–65	+6

[ALT, U/L](#) <15 0 **15–44 +1** ≥45 +2

[HBeAg](#) **Negative 0**
Positive +2

Hepatitis B virus DNA level, copies/mL

<300 (undetectable)	0
300–9,999	0
10,000–99,999	+3
100,000–999,999	+5
≥10 ⁶	+4

10 points

REACH-B Score

5.2 %

10-year risk of HCC (See 3-year and 5-year risk in the Evidence section)

Case 4

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REACH-B Score

1.2 %

10-year risk of HCC (See 3-year and 5-year risk in the Evidence section)

Antiviral therapy



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This patient will need 6 monthly liver ultrasound as HCC surveillance

Antiviral therapy



What is the name of this animal?



- a) Potoo
- b) Lizard
- c) Owl
- d) It is not an animal

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d) It is not an animal