Hepatology quiz

Dr Ming Han Lim Gastroenterologist

What is the name of this animal?



- a) Jaguar
- b) Ocelot

c) Leopard

d) Caracal

What is the name of this animal?

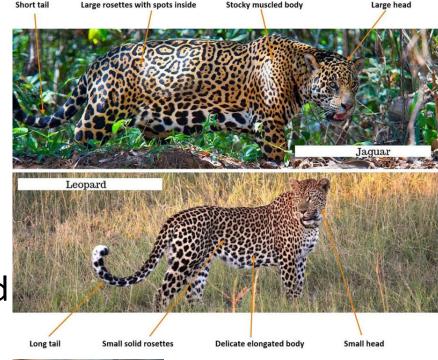


a) Jaguar

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Case 3 – does this patient need treatment?

47 year old woman

HBeAg positive

 HBV diagnosed during pregnancy 19 years ago Normal liver function tests (ALT 16)

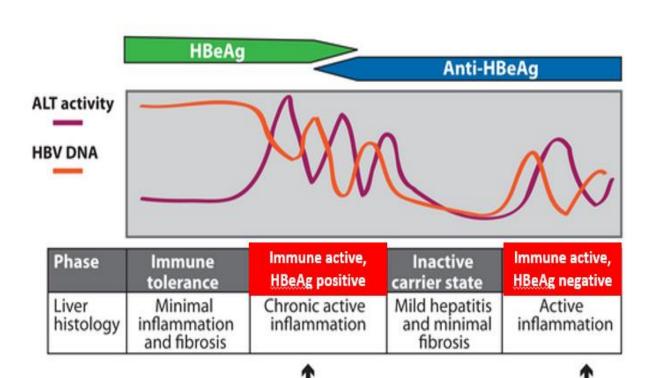
No treatment since diagnosis

• HBV DNA high i.e. 7.72 logs

Totally asymptomatic

 Fibroscan: 3.3 kPa, consistent with no significant fibrosis

Case 3 – does this patient need treatment?



HBeAg positive

Normal liver function tests (ALT 16)

HBV DNA high i.e. 7.72 logs

• Fibroscan: 3.3 kPa, consistent with no significant fibrosis

Ex PHARMAC criteria for antiviral therapy in HBeAg +ve HBV

Optimal treatment times

- Abnormal ALT OR
- 3rd trimester of pregnancy OR
- Bridging fibrosis/cirrhosis on liver histology

REACH B score

 Developed to estimate the HCC risk of HBV patients at 3, 5 and 10 years

REACH-B Score for Hepatocellular Carcinoma (HCC)

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

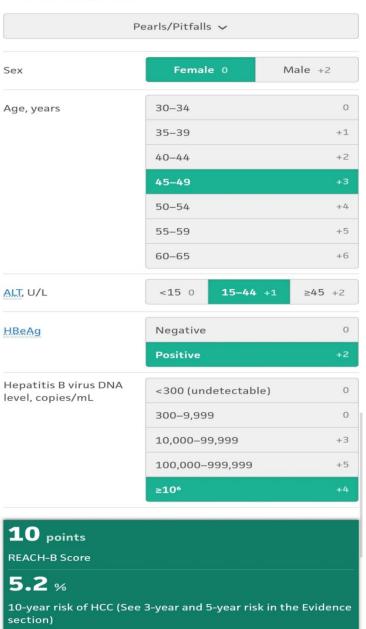
Pearls/Pitfalls 🗸				
			I	
Sex	Female	0	1	Male +2
Age, years	30-34			0
	35–39	35–39		
	40-44			+2
	45–49			+3
	50-54			+4
	55–59			+5
	60–65			+6
ALT, U/L	<15 0	15-44	+1	≥45 +2
HBeAg	Negative			О
	Positive			+2
Hepatitis B virus DNA level, copies/mL	<300 (undetectable) 0			
	300-9,999	300–9,999		
	10,000-99	10,000-99,999		
	100,000-999,999			+5
	≥106			+4

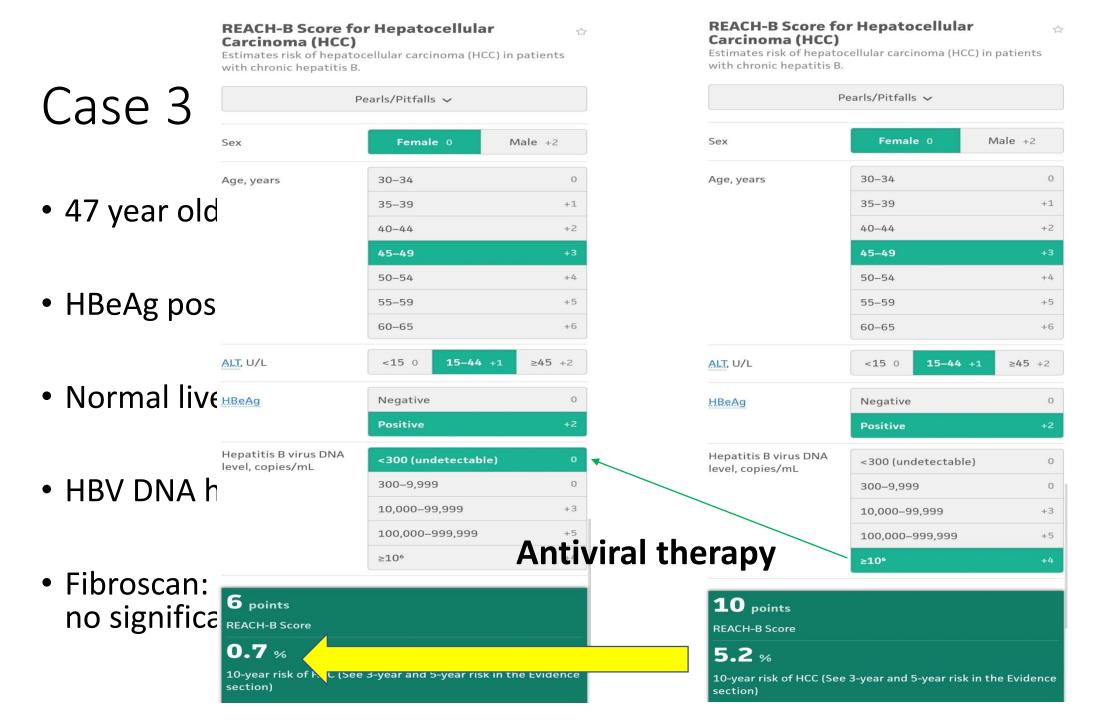
Case 3

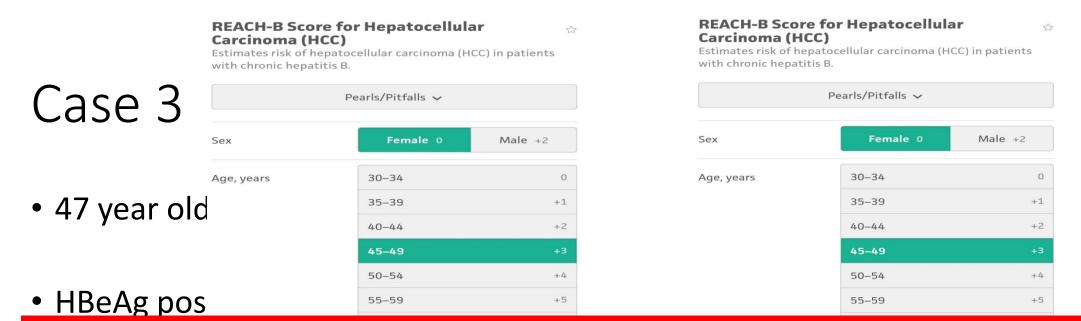
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REACH-B Score for Hepatocellular Carcinoma (HCC)

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This patient will need 6 monthly liver ultrasound as HCC surveillance

