**2014 October Case Study 4**

59 year old female attending GP

Clinical notes on request form: Itchy

**Case Details**

Total Protein 70 g/L (60-81)

Albumin 33 g/L (35-50)

ALP 163 U/L (40-140)

Total Bili 8 umol/L (<25)

GGT 143 U/L (<51)

AST 37 U/L (<41)

ALT 47 U/L (<41)