**Case Study 2**

**March 2015**

54 Year old male attending GP practice

Clinical Notes:

Polyuria for investigation

Case Details:

Serum Osmolality 315 mmol/kg (275-295)

Urine Osmolality 210 mmol/kg

Additional information:

Sodium 140 mmol/L (134-146)

Potassium 3.8 mmol/L (3.4-5.5)

Bicarbonate 28 mmol/L (22-32)

Urea 4.5 mmol/L (3.0-8.0)

Creatinine 63 umol/L (60-105)

Glucose 4.3 mmol/L (Fasting <5.5)

Calcium 2.32 mmol/L (2.15-2.65)

Albumin 43 g/L (38-50)

Corr Calcium 2.30 mmol/L (2.15-2.65)