**Case Study 1 June 2014**

A 78 year old woman presents to her GP.

Clinical notes on the request form are Polyuria

Sodium 146 mmol/L (136-145)

Potassium 3.9 mmol/L (3.5-5.1)

Chloride 104 mmol/L (98-107)

Bicarbonate 31 mmol/L (22-29)

Urea 4.8 mmol/L (3.5-7.2)

Creatinine 86 mmol/L (44-80)

eGFR (>90)

Se Osmolality 299 mOsm/kg (280-300)

Urine Osmo 166 mOsm/kg (40-1400)