

Renal function after living kidney donation

Reduced nephron mass

Serum creatinine will be substantially higher and eGFR substantially lower than previously

- A lower eGFR in this instance does NOT represent chronic kidney disease
- The remaining kidney is perfectly good, it has been carefully assessed
- The change in renal function simply reflects reduced nephron mass

There is a normal variability in serum creatinine (and hence eGFR) of at least 10% in all individuals, e.g. if creatinine is 130 $\mu\text{mol/L}$ then values between 115 $\mu\text{mol/L}$ and 145 $\mu\text{mol/L}$ are essentially the same

- Additional investigation or referral is not required unless there is a progressive decline

A lower eGFR therefore should not cause alarm unless there are other health concerns or it continues to decline