Primary hyperparathyroidism: pathophysiology and impact on bone

Box 1: National Institutes of Health guidelines for parathyroidectomy

- Serum calcium level > 3 mmol/L
- Unexplained decline of creatinine clearance by 30%
- Marked hypercalciuria with calcium level > 10 mmol in 24-hour urine collection
- Cortical bone mineral density > 2 standard deviations below the mean for age-matched control subjects
- Patient requests surgery
- Patient unable to be followed up for monitoring
- Age < 50 years