Positive family history or multiple calculi?

AGE <30 YEARS

FULL SCREENING

AGE ≥30 YEARS

Positive family history or multiple calculi?

First presentation?

YES

FULL SCREENING

NO

Recurrence within 5 years?

YES

FULL SCREENING

NO

LIMITED SCREENING

• Stone analysis (if possible)
• Bone function (BFTs)
• Renal function (E&C)
• Plasma urate
• Spot urine for cystine
• Early morning urine pH

As for Limited Screening PLUS:
• 24-hr urine (acid) for calcium, phosphate, oxalate & citrate
• 24-hr urine (plain) for urate & sodium