

# Query Decomposition

## Complex Query

"What are the contraindications for prescribing metformin in elderly patients with chronic kidney disease?"

## ↓ Decompose ↓

1 Metformin contraindications

3 Chronic kidney disease drug safety

2 Elderly patients drug considerations

4 Metformin + CKD interactions

## ↓ Integrate Results ↓

### Synthesized Answer

Metformin is contraindicated in CKD stage 4-5 (eGFR <30) due to lactic acidosis risk. In elderly CKD stage 3, dose reduction to 500mg BID with careful monitoring is recommended.