Algorithm for management of hypertension in people with CKD

1. **Person has CKD**

2. **Is blood pressure consistently below target?**
   - **Blood Pressure Targets**
     - CKD: 140/90 mmHg
     - CKD with diabetes or albuminuria: 130/80 mmHg

3. **If yes:**
   - Continue to monitor blood pressure
   - Manage lifestyle risk factors

4. **If no:**
   - Start ACE inhibitor or ARB
   - Monitor eGFR & K+
   - Continue to monitor blood pressure
   - Manage lifestyle risk factors

5. **Is blood pressure consistently below target?**
   - **Yes**
     - Continue to monitor blood pressure
     - Manage lifestyle risk factors

   - **No**
     - Reinforce medication and lifestyle adherence
     - Increase ACE inhibitor or ARB to maximum recommended dose
     - Consider adding:
       - Calcium channel blocker, or
       - Diuretic, or
       - Beta blocker
     - Refer to Nephrologist if blood pressure is not consistently below target with at least 3 anti-hypertensive agents

6. **Is blood pressure consistently below target?**
   - **Yes**
   - **No**

**Sourced from CKD Management in General Practice (3rd edition), Kidney Health Australia, Melbourne, 2015**