

**Figure 1:** When prescribing a medicine, stop and think ‘kidney function’

Is there reason to suspect reduced kidney function?	
<ul style="list-style-type: none"> <li>• Age 60 years and older</li> <li>• First Nations Australian aged over 18 years</li> <li>• BMI &gt; 30kg/m<sup>2</sup></li> <li>• Smoker or vaper (current or former)</li> <li>• Family history of kidney failure</li> </ul>	Medical history of <ul style="list-style-type: none"> <li>• Diabetes</li> <li>• Hypertension</li> <li>• Established CVD</li> <li>• Acute kidney injury</li> <li>• CKD or other kidney abnormality</li> </ul>

Does the medicine require caution in reduced kidney function? (Commonly prescribed examples - not an exhaustive list)		
Diabetes medicines	CVD system medicines	Other medicines
<ul style="list-style-type: none"> <li>• Metformin</li> <li>• SGLT2 inhibitors (empagliflozin, dapagliflozin)</li> <li>• DPP-4 inhibitors (alogliptin, saxagliptin, sitagliptin, vildagliptin)</li> <li>• Glibenclamide</li> </ul>	<ul style="list-style-type: none"> <li>• ACE inhibitors</li> <li>• ARBs/Sartans</li> <li>• Thiazide diuretics</li> <li>• Loop diuretics</li> <li>• MRA/aldosterone antagonists</li> <li>• Rosuvastatin, pravastatin</li> <li>• Apixaban, rivaroxaban, dabigatran</li> <li>• Digoxin</li> </ul>	<ul style="list-style-type: none"> <li>• SNRI antidepressants</li> <li>• NSAIDs and COX-2 inhibitors</li> <li>• Pregabalin, gabapentin</li> <li>• Nirmatrelvir/ritonavir</li> <li>• Codeine, tramadol, morphine</li> <li>• Lithium</li> </ul>

**Has anything changed recently?**

- Recent acute illness
  - Dehydration (e.g. acute gastroenteritis)
  - Urinary tract infection
  - Myocardial infarction
  - Pneumonia
- Recently discharged from hospital
- Experiencing symptoms suggesting an adverse effect from a medicine
- Extreme hot weather (potential for dehydration)

Yes	No
Obtain a current eGFR or CrCl to guide selection and dosing of medicines  +  Consider the need to temporarily withhold medicines (SADMANS) and monitor	Use a recent eGFR or CrCl to guide selection and dosing of medicine  +  Monitor at regular intervals, more frequently if initiating a medicine or clinical concerns arise

**Abbreviations:** SGLT2 sodium-glucose co-transporter 2, DPP-4 dipeptyl peptidase 4, CVD cardiovascular disease, ACE angiotensin converting enzyme, ARB angiotensin receptor blocker, MRA mineralocorticoid receptor antagonist, SNRI serotonin and noradrenaline reuptake inhibitors, NSAIDs non steroidal anti-inflammatory drugs, COX-2 cyclo-oxygenase 2, BMI body mass index, eGFR estimated glomerular filtration rate, CrCl creatinine clearance, SADMANS sulfonylureas, ACE inhibitors, Diuretics, Metformin, ARBs, NSAIDs, SGLT2 inhibitors