Appendix 1. Equations for calculating renal function

Cockcroft–Gault equation using actual body weight (CG-ABW)

Adult males: \[ \text{CrCl} = \frac{(140 - \text{age} \text{[years]}) \times \text{weight (kg)} 	imes 1.23}{\text{Serum creatinine (µmol/L)}} \]

Adult females: \[ \text{CrCl} = \frac{(140 - \text{age} \text{[years]}) \times \text{weight (kg)} 	imes 1.04}{\text{Serum creatinine (µmol/L)}} \]

Modified Cockcroft–Gault equation (modified CG)

Adult males: \[ \text{CrCl} = \frac{(140 - \text{age} \text{[years]}) \times 90}{\text{SCr (µmol/L)}} \]

Adult females: \[ \text{CrCl} = \frac{(140 - \text{age} \text{[years]}) \times 90}{\text{SCr (µmol/L)}} \times 0.85 \]

Appendix 2. Dosing recommendations based on Canadian drug monographs

Apixaban\textsuperscript{10}

- 5 mg BID \textit{or}
- 2.5 mg BID if TWO or more of the following apply: age ≥ 80 years, body weight ≤ 60 kg, SCr ≥ 133 µmol/L
- Not recommended if CrCl < 25 mL/min

Dabigatran\textsuperscript{9}

- 150 mg BID \textit{or}
- 110 mg BID if age ≥ 80 years; consider this dose if age > 75 years and CrCl 30–49 mL/min
- Not recommended if CrCl < 30 mL/min

Rivaroxaban\textsuperscript{8}

- 20 mg once daily if CrCl ≥ 50 mL/min \textit{or}
- 15 mg once daily if CrCl 30–49 mL/min
- Not recommended if CrCl < 30 mL/min

Appendix 3. Criteria for comparison of dosing determined by Cockcroft–Gault equation based on actual body weight (CG-ABW) and by modified Cockcroft–Gault (CG) equation

Dosing is appropriate if:
- CG-ABW and modified CG equations resulted in the same dosing recommendation

Dosing is supratherapeutic if:
- CG-ABW equation resulted in the same dosing recommendation at discharge, but modified CG equation resulted in recommendation for a higher dose at discharge
- CG-ABW equation resulted in recommendation for a lower dose at discharge, but modified CG equation resulted in the same dosing recommendation at discharge
- CG-ABW equation resulted in recommendation against use of direct oral anticoagulant at discharge (based on renal function), but modified CG equation resulted in a recommendation for any dose at discharge

Dosing is subtherapeutic if:
- CG-ABW equation resulted in recommendation for a higher dose at discharge, but modified CG equation resulted in the same dosing recommendation at discharge
- CG-ABW equation resulted in recommendation for same dose at discharge, but modified CG equation resulted in recommendation for lower dose at discharge