



Community Pharmacy Anticoagulation Management Service (CPAMS) Pre-requisites

Training & Education

Competency	Method of Assessment
<p>Ability to manage anticoagulated patients and to handle common problems encountered in their care. This is underpinned by a knowledge of the following:</p> <p>Indication & contraindications for oral anticoagulation.</p> <p>Clotting mechanism, the INR test and the role of warfarin.</p> <p>Pharmacokinetics of warfarin.</p> <p>Recognizing and evaluating -</p> <ol style="list-style-type: none"> a. Drug interactions with warfarin b. Side effects of warfarin c. Interactions of food, herbal remedies and alcohol with warfarin d. Signs and symptoms of under or over anticoagulation <p>Principles of dose adjustment.</p> <p>Recognizing when to contact the patients doctor.</p> <p>Managing over-anticoagulated patients.</p> <p>Counselling patients on the indications and risks of anticoagulation to patients.</p>	<div style="text-align: center;">  <p>University of Waterloo – Management of Oral Anticoagulation Therapy. Written assessment.</p> </div>
<p>Ability to take capillary blood demonstrating good finger prick technique.</p> <p>Ability to use the CoaguChek XS and CoaguChek XS Pro machines correctly.</p> <p>Ability to perform QC checks.</p> <p>Correct handling of blood and sharps.</p> <p>Ability to use INR Online.</p>	<p>CoaguChek XS and CoaguChek XS Pro Competency training.</p> <div style="text-align: center;">  </div>

Minimum Health and Safety Standards for a CPAMS

Standard	Notes/rationale
Sink	With mixer tap to allow patient to clean/warm hand before fingerpick.
Sharps bin	With proper arrangements for collection of clinical waste.
Good lighting	To aid blood sampling.
Wipeable surfaces	To allow any spillage to be hygienically cleaned.
Sufficient space	To conduct consultation in comfort and to ensure that if a patient suddenly becomes unwell he or she can sit or lie
Sufficient access	Area needs to be accessible to elderly and disabled and especially wheelchair bound patients. On the same level as entrance to pharmacy premises.
Visual and aural privacy	To ensure patient confidentiality.
Comfortable chair	Preferably with arm supports.
Computer in consultation area with high speed internet access	To access INR Online and positioned for patient to view their own results and file.
Printer preferably colour	For dose calendar print out.
Fax machine	For faxing results to Doctor if required.

References:

Setting Quality Standards for a Community Pharmacist-led Anticoagulant Clinic. B. Coleman et al. The Pharmaceutical Journal, Vol 270, March 2003, p 308-311.

Roche Diagnostics Canada CoaguChek Certification Program Level 3.

Useful link: INROnline www.inronline.net