

Relevant EPA's

- 11.** Demonstrate general key features for procedural skills.

CURRICULAR GOAL: Family Medicine Residents will develop the knowledge, attitudes and skills (including technical and patient-centered) necessary to perform procedures required by the CFPC and for their independent practice upon graduation.

CANMEDS-FM ROLE	FOUNDATIONAL COMPETENCIES(relevant to this Domain)	ADDITIONAL COMPETENCIES – PROCEDURAL AND SURGICAL SKILLS	LEARNING OPPORTUNITIES & RESOURCES
Medical Expert Communicator	<p>1. History</p> <ul style="list-style-type: none"> a) Take an appropriately thorough history in a timely manner. b) Demonstrate ability to effectively and selectively identify and prioritize main presenting symptoms. c) Move quickly into a focused history regarding the main symptom d) Elicit pertinent associated symptoms, red flags and risk factors e) Demonstrate effective use of the patient-centered clinical method 		Family Medicine Home Clinic Rural Family Medicine Immersion Rotations ACEs
Medical Expert	<p>2. Physical Exam</p> <ul style="list-style-type: none"> a) Perform an appropriately thorough physical examination in a timely manner. b) Exhibit an awareness of the role of the physical examination in making certain diagnoses more or less likely. 		Family Medicine Home Clinic Rural Family Medicine Immersion Rotations ACEs
Medical Expert	<p>3. Differential Diagnosis</p> <ul style="list-style-type: none"> a) Construct an appropriately thorough differential diagnosis that is congruent with the data generated by the history and physical. b) Demonstrate the core knowledge of Family Medicine informed by evidence. 		Family Medicine Home Clinic Rural Family Medicine Immersion Rotations ACEs

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	<ul style="list-style-type: none"> c) Modify the differential diagnosis in light of unexpected or changing symptoms or when symptoms persist beyond what one would ordinarily expect. d) Recognize the typical and atypical presentation of common diagnoses as well as possible emergent life threatening disease. e) Demonstrate appreciation of the unique considerations for recently hospitalized and/or post-operative patients 		
Medical Expert, Leader, Health Advocate	<p>4. Diagnostic Tests and Procedures</p> <ul style="list-style-type: none"> a) Select appropriate diagnostic tests and procedures b) Justify selection of laboratory and imaging tests and employ them only when likely to have an impact on patient management. c) Select investigations based on consideration of prevalence, evidence of benefit and risk, past experience of physician, patient’s wishes, and cost. iv. Interpret the test results promptly and correctly. d) Communicate results in a timely fashion. e) Inform patient about the diagnosis, possible alternative diagnoses and likely prognosis. 		Family Medicine Home Clinic Rural Family Medicine Immersion Rotations ACEs
Medical Expert, Communicator, Health Advocate	<p>5. Treatment /Management Plan</p> <ul style="list-style-type: none"> a) Develop an appropriate treatment plan. b) Link patient’s symptom to a lifestyle behavior if appropriate and, in doing so, employ the principles of disease prevention and health promotion. c) Counsel on the risks and benefits of treatment options, if the diagnosis is amenable to treatment. d) Recommend only interventions that are evidence based and indicated for the diagnosis. e) Synthesize and help focus treatment goals. f) Integrate the patient’s viewpoint of above. -finding common ground/shared decision making and demonstrating the use of the patient-centered clinical method. g) Judge the patient’s (and/or parent/care-giver’s) 	<p>A. Treatment/Management Plan</p> <ul style="list-style-type: none"> i. Identify the indications and contraindications of the procedure. (CFPC, Procedural Skills, Key Features) (JAGR) ii. Share with the patient the alternatives to the procedure. (DFM, JAGR) <p>B. Explain the procedure to the patient (care-giver):</p> <ul style="list-style-type: none"> i. Describe the procedure (CFPC, Procedural Skills, Key Features) in language the patient (care-giver) can understand (JAGR) ii. Describe possible outcomes, both positive and negative (CFPC, Procedural Skills, Key Features) iii. Describe what to expect both during and after the procedure (DFM) 	Family Medicine Home Clinic Rural Family Medicine Immersion Rotations ACEs

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	<p>understanding, ability to adhere to the plan and ability to pay. Based on these factors adjust the treatment/management plan as necessary.</p> <p>h) Write a complete prescription when appropriate.</p> <p>i) Recommend to the patient (or parent/care-giver) when and/or why they should present for reassessment.</p> <p>j) Where appropriate coordinate care with other health care professionals including referral.</p>	<p>iv. Effectively answer questions of the patient (care-giver) (DFM)</p> <p>v. Demonstrate appreciation for the patient`s (care-giver`s) concerns and perception of the procedure</p>	
Medical Expert, Communicator, Leader		<p>C. Informed Consent:</p> <p>i. Effectively discuss and obtain a full informed consent from the patient. (JAGR)</p>	Family Medicine Home Clinic Rural Family Medicine
Medical Expert		<p>D. Pre-tests</p> <p>i. Order appropriate tests required prior to the procedure, as required (eg. INR for patients on warfarin, STI & pregnancy test for IUD insertion) (JAGR)</p>	Family Medicine Home Clinic Rural Family Medicine
Professional		<p>E. Assess your ability to perform the procedure:</p> <p>i. Evaluate your knowledge of the procedure relevant to the diagnosis. (DFM)</p> <p>ii. Assess your own skills and readiness to do the procedure, including your level of fatigue and any personal distractions. (CFPC, Procedural Skills, Key Features) (JAGR)</p> <p>iii. Demonstrate awareness of personal limitations and insight to request assistance when needed. (JAGR)</p> <p>iv. Consider the context of the procedure, including the patient involved, the complexity of the task, the time needed, the need for assistance, and location(CFPC, Procedural Skills, Key Features)</p>	Family Medicine Home Clinic Immersion Rotations Rural Family Medicine
Leader, Collaborator, Professional, Communicator		<p>F. Prepare for the procedure:</p> <p>i. Ensure adequate time is booked for the procedure (JAGR)</p> <p>ii. Ensure location and appropriate equipment is ready (CFPC, Procedural Skills, Key Features) (JAGR)</p> <p>iii. Mentally rehearse the following (CFPC, Procedural Skills, Key Features) (JAGR)</p> <ul style="list-style-type: none"> - The anatomic landmarks necessary for procedure 	Family Medicine Home Clinic Rural Family Medicine

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		<p>performance. (JAGR)</p> <ul style="list-style-type: none"> - The technical steps necessary in sequential fashion, including any preliminary examination. - The potential complications and their management <p>iv. Ensure staff are appropriately informed and prepared for the procedure (DFM)</p>	
<p>Medical Expert, Communicator, Collaborator, Professional</p>		<p>G. Perform the procedure</p> <ul style="list-style-type: none"> i. Demonstrate proper technique in performing the procedure, including provision of local anaesthesia (JAGR) ii. Maintain sterile conditions during the procedure (JAGR) iii. Demonstrate proper technique when hemostasis is needed (JAGR) iv. Demonstrate universal precautions when handling blood and body fluids (JAGR) v. Ensure appropriate disposal of biological materials and sharps (JAGR) vi. Keep the patient informed throughout the procedure to reduce anxiety. (CFPC, Procedural Skills, Key Features) vii. Attend to verbal and non-verbal expression from the patient (JAGR) viii. Listen effectively to the patient, care-givers and health team members throughout the procedure (JAGR) ix. Ensure patient dignity, comfort and safety. (CFPC, Procedural Skills, Key Features) (JAGR) x. Collaborate effectively with other members of the health care team throughout the procedure (JAGR) xi. Appropriately document the procedure in the patient's chart. (JAGR) <p>H. Respond to unexpected situations</p> <ul style="list-style-type: none"> i. When the procedure is not going as expected, re-evaluate the situation, and stop and/or seek assistance as required. (CFPC, Procedural Skills, Key Features) ii. Respond to unexpected situations safely (DFM) iii. Share with the patient any unanticipated outcomes in an 	<p>Family Medicine Home Clinic Rural Family Medicine Procedures Workshops</p>

CANMEDS-FM ROLE	FOUNDATIONAL COMPETENCIES(relevant to this Domain)	ADDITIONAL COMPETENCIES – PROCEDURAL AND SURGICAL SKILLS	LEARNING OPPORTUNITIES & RESOURCES
		open and transparent manner (DFM)	
Medical Expert, Collaborator, Leader		<p>I. Post procedure monitoring</p> <ul style="list-style-type: none"> i. Coordinate appropriate in-clinic monitoring of the patient post-procedure (as indicated) (DFM) <p>J. Provide after care and follow-up</p> <ul style="list-style-type: none"> i. Develop a plan with your patient for after care and follow-up in language your patient (care-giver) understands. (CFPC, Procedural Skills, Key Features) (JAGR) ii. Coordinate interdisciplinary follow-up iii. Appropriately bill for procedure – those on fee schedule as well as those that are uninsured. (JAGR) iv. Demonstrate effective billing and patient education for uninsured services. 	Family Medicine Home Clinic Rural Family Medicine Procedures Workshops

PROCEDURES LIST

Procedure Type	Procedure	CFPC Core Procedure*	Additional Procedure	Clinical Learning Opportunity	Didactic Workshops, Simulation, Other
Integumentary	Abscess incision and drainage	X		FM Home Clinic Urgent Care Rural Family Medicine Urban FM	Workshop 4 CFP Video Series
Integumentary	Wound debridement	X		FM Home Clinic Urgent Care Rural Family Medicine Urban FM Emergency	
Integumentary	Insertion of sutures; simple, mattress, and subcuticular	X		FM Home Clinic Urgent Care Rural Family Medicine Urban FM Emergency	Workshop 5
Integumentary	Laceration repair; suture and gluing	X		FM Home Clinic Urgent Care Rural Family Medicine Urban FM Emergency	Workshop 5
Integumentary	Skin biopsy; shave, punch, and excisional	X		FM Home Clinic Rural Family Medicine Urban FM Dermatology ACE	Workshop 2 CFP Video Series
Integumentary	Excision of dermal lesions, e.g., papilloma, nevus, or cyst	X		FM Home Clinic Rural Family Medicine Urban FM Dermatology ACE	Workshop 2 CFP Video Series
Integumentary	Cryotherapy of skin lesions	X		FM Home Clinic Rural Family Medicine Urban FM Dermatology ACE	Workshop 4 CFP Video Series
Integumentary	Electrocautery of skin lesions	X		FM Home Clinic Rural Family Medicine Urban FM	Workshop 4
Integumentary	Skin scraping for fungus determination	X		FM Home Clinic Rural Family Medicine Urban FM	Workshop 4
Integumentary	Use of Wood's lamp	X		Dermatology ACE	Workshop 6
Integumentary	Release subungual hematoma	X		FM Home Clinic Urgent Care Rural Family Medicine Urban FM	Workshop 7
Integumentary	Drainage acute paronychia	X		Urgent Care	Workshop 7
Integumentary	Partial toenail removal	X		FM Home Clinic Urgent Care Rural Family Medicine Urban FM	Workshop 7
Integumentary	Wedge excision for ingrown toenail	X		FM Home Clinic Rural Family Medicine Urban FM	Workshop 7
Integumentary	Removal of foreign body, e.g., fish hook, splinter, or glass	X		Urgent Care Emergency	Workshop 6
Integumentary	Pare skin callus	X		FM Home Clinic Rural Family Medicine	Workshop 7

Procedure Type	Procedure	CFPC Core Procedure*	Additional Procedure	Clinical Learning Opportunity	Didactic Workshops, Simulation, Other
				Urban FM	
Local Anaesthetic	Infiltration of local anaesthetic	X		FM Home Clinic Urgent Care Rural Family Medicine Urban FM Emergency	Workshop 2
Local Anaesthetic	Digital block in finger or toe	X		FM Home Clinic Urgent Care Rural Family Medicine Urban FM Emergency	Workshop 7
Eye	Instillation of fluorescein	X		Urgent Care Urgent Eye Clinic ACE	
Eye	Slit lamp examination	X		Urgent Care Urgent Eye Clinic ACE	
Eye	Removal of corneal or conjunctival foreign body	X		Urgent Care Urgent Eye Clinic ACE	
Eye	Application of eye patch	X		Urgent Care Urgent Eye Clinic ACE	
Ear	Removal of cerumen	X		FM Home Clinic Rural Family Medicine Urban FM	
Ear	Removal of foreign body	X		Urgent Care Emergency	
Nose	Removal of foreign body	X		Urgent Care Emergency	
Nose	Cautery for anterior epistaxis	X		Urgent Care Emergency	
Nose	Anterior nasal packing	X		Urgent Care Emergency	
Gastrointestinal	Nasogastric tube insertion	X		??	
Gastrointestinal	Fecal occult blood testing	X		??	
Gastrointestinal	Anoscopy, proctoscopy	X		??	
Gastrointestinal	Incise and drain thrombosed external hemorrhoid	X		??	
Genitourinary	Placement of transurethral catheter	X		Urgent Care Emergency	Workshop 11
Genitourinary	Cryotherapy or chemical therapy genital warts	X		?? FM Home Clinic Rural Family Medicine Urban FM S&RH ACE	
Women`s	Aspirate breast cyst	X		??	Workshop 11
Women`s	Pap smear	X		FM Home Clinic Rural Family Medicine Urban FM PAP Clinic ACE S&RH ACE	Workshop 3
Women`s	Diaphragm fitting and insertion	X		??	Workshop 3

Procedure Type	Procedure	CFPC Core Procedure*	Additional Procedure	Clinical Learning Opportunity	Didactic Workshops, Simulation, Other
Women`s	Insertion of intrauterine device	X		FM Home Clinic Rural Family Medicine Urban FM S&RH ACE	Workshop 3
Women`s	Endometrial aspiration biopsy	X		FM Home Clinic Rural Family Medicine Urban FM	Workshop 3
Women`s	Cervical infiltration of anaesthetic		X	FM Home Clinic Rural Family Medicine Urban FM S&RH ACE	Workshop 3
Obstetrical	Normal vaginal delivery	X		Obstetrics Rotation	Obstetrics Skills Day ALARM
Obstetrical	Episiotomy and repair	X		Obstetrics Rotation	Obstetrics Skills Day ALARM
Obstetrical	Artificial rupture of membranes	X		Obstetrics Rotation	Obstetrics Skills Day ALARM
MSK	Splint injured extremities	X		Urgent Care Rural Family Medicine Emergency	
MSK	Apply sling – upper extremity	X		Urgent Care Rural Family Medicine Emergency	
MSK	Reduce dislocated finger	X		Urgent Care Rural Family Medicine Emergency	
MSK	Reduce dislocated radial head (pulled elbow)	X		Urgent Care Rural Family Medicine Emergency	
MSK	Reduce dislocated shoulder	X		Urgent Care Rural Family Medicine Emergency	
MSK	Apply forearm cast	X		Urgent Care Rural Family Medicine Emergency	
MSK	Apply ulnar gutter splint	X		Urgent Care Rural Family Medicine Emergency	
MSK	Apply scaphoid cast	X		Urgent Care Rural Family Medicine Emergency	
MSK	Apply below-knee cast	X		Urgent Care Rural Family Medicine Emergency	
MSK	Aspirate and inject – knee joint	X		FM Home Clinic Rural Family Medicine Urban FM MSK Rotation	
MSK	Aspirate and inject – shoulder	X		FM Home Clinic Rural Family Medicine Urban FM MSK Rotation	
MSK	Inject lateral epicondyle (tennis elbow)	X		FM Home Clinic Rural Family Medicine Urban FM MSK Rotation	
MSK	Aspirate and inject bursae, e.g patellar,	X		FM Home Clinic Rural Family Medicine	

Procedure Type	Procedure	CFPC Core Procedure*	Additional Procedure	Clinical Learning Opportunity	Didactic Workshops, Simulation, Other
	subacromial			Urban FM MSK Rotation	
Resuscitation	Oral airway insertion	X		Emergency	ATLS
Resuscitation	Bag & mask ventilation	X		Emergency	ATLS
Resuscitation	Endotracheal intubation	X		Emergency	ATLS
Resuscitation	Cardiac defibrillation / cardioversion	X	X	Emergency	ACLS ATLS
Injections & Cannulations	Intramuscular injection	X		FM Home Clinic Rural Family Medicine Urban FM Urgent Care Emergency	Workshop 13
Injections & Cannulations	Subcutaneous injection	X		FM Home Clinic Rural Family Medicine Urban FM Urgent Care Emergency	Workshop 13
Injections & Cannulations	Intradermal injection	X		FM Home Clinic Rural Family Medicine Urban FM Urgent Care Emergency	Workshop 13
Injections & Cannulations	Venipuncture	X		??	Workshop 13
Injections & Cannulations	Peripheral IV line - adult, child	X		Urgent Care Emergency	NRP? Workshop 13
Injections & Cannulations	Peripheral venous access - infant	X		Obstetrics Emergency Pediatrics NICU	NRP? Workshop 13
Injections & Cannulations	Adult lumbar puncture	X		??	MedEdPortal videos NYSRA video
	Procedural sedation		X	FM Home Clinic Rural Family Medicine Urban FM Urgent Care Emergency	

*College of Family Physicians of Canada – Core Procedures

<http://www.cfpc.ca/uploadedFiles/Education/Procedure%20Skills.pdf>

History

- August 2017
 - o Added History section
 - o Added relevant EPA section
- October 2017
 - o Removed 'Calgary' from title