

INDIRECT PATIENT CARE CURRICULUM (HAMILTON)

Preamble:

Patient care is a combination of both face-to-face interactions and indirect patient care activities (IPCA). IPCAs include activities such as documentation, billing, ordering and managing investigations, maintaining the chart, filling out forms, and prescription renewal.

Description:

Longitudinal integration of IPCAs will occur during your Full-Time Family Medicine blocks. It will be integrated into the clinical learning environment, and will occur during clinical learning time. There is not an expectation that you will engage in IPCAs during protected academic time, or during approved/scheduled time away from clinic (e.g vacation). IPCAs will be introduced with a graduated approach to allow learning and mastery (Appendix 1&2), and will be supported with teaching/learning opportunities, experiences and exposures and competency can be demonstrated with observable behaviours (Appendix 3)

The CANMEDS-FM Roles encompassed by IPCAs include:

Medical Expert

Key and enabling competencies

- 1. Practices generalist medicine within their defined scope of professional activity
 - 1.4 Carries out professional duties in the face of multiple, competing demands
- 2. Performs a patient-centered clinical assessment and establishes a management plan
 - 2.2 Elicits a history, performs a physical exam, selects appropriate investigations and interprets their results for the purpose of diagnosis and management, disease prevention and health promotion

Communicator

Key and enabling competencies

- 5. Documents and shares written and electronic information about the medical encounter to optimize clinical decision making, patient safety, confidentiality, and privacy
 - 5.1 Maintains timely, clear, accurate and appropriate written or electronic records of clinical encounters



Collaborator

Key and enabling competencies

- 3. Recognizes and facilitates necessary transitions in care with other colleagues in the health professions, including but not limited to shared care, transfer of care, and/or handover of care to enable continuity and safety
 - 3.2 Effectively negotiates and communicates (both verbally and in writing) individual and/or shared responsibility, through care transition plans, to optimize patient safety

Professional

Key and enabling competencies

- 3. Demonstrates a commitment to the profession by adhering to standards and participating in physician-led regulation
 - 3.1 Fulfills and adheres to professional and ethical codes, stands of practice and laws governing practice
- 4. Demonstrates a commitment to physician health and well-being to foster optimal patient care
 - 4.1 Manages personal and professional demands for a sustainable practice through the family physician life cycle

Assessment:

To build confidence and competence, multi-source formative feedback should be sought to ensure that you are developing the needed competencies to be successful with IPACs. The College of Family Physicians have articulated several Core Professional Activities that relate to IPACs. The Core Professional Activities associated with IPACs are directly related to the following Entrustable Professional Activities (EPAs) within our program. Field notes can be used to monitor and record progress in these EPAs and can be found in our EPA dashboard Related EPA's include:

- Charting/documentation of visits & maintenance of medical records
- Demonstrate effective professional communication
- Support continuity of patient care
- Manage office administrative tasks as part of indirect patient care
- Safely and appropriately manage pharmaceuticals for all patients
- Complete billings
- Apply ethical and legal frameworks in shared decision making with patients and families
- Act professionally
- Act sustainably in service of self, profession and system



Benchmarking Legend For Competency Achievement: Indirect Patient Care (1 of 2)

Early Acheivement Expected Acheivement Late Acheivement Overdue Acheivement

Time after which an evaluation of "Supervisor Required to Take Over" or "Close Supervision" should prompt educational conversation and review of educational opportunities (Appendix 1)

Outcome Measure		Achieveme	nt Timeline		Assessment Tool
Core Professional Activity (CPA)	End of first 2 blocks FM PGY1	End of PGY1 FM	End of first 2 block FM PGY2	End of PGY2 FM	Field Note: Entrustable Professional Activity (EPA)
Maintain an electronic medical record for each patient/encounter as part of a longitudinal patient record					Charting/documentation of visits & maintenance of medical records
Support and coordinate patient care across settings and care transitions					Demonstrate effective professional communication
Follow up on patient encounters, monitoring the results of investigations, consultations, etc., and notifying patients with results, as appropriate					Support continuity of patient care
Complete medical forms and documentation to support patient care and reporting requirements					Manage office administrative tasks as part of indirect patient care
Manage patient medications, prescriptions, and related pharmacy communications and requests					Safely and appropriately manage pharmaceuticals for all patients



Benchmarking Legend For Competency Achievement: Indirect Patient Care (2 of 2)

Early Acheivement Expected Acheivement Late Acheivement Overdue Acheivement

Time after which an evaluation of "Supervisor Required to Take Over" or "Close Supervision" should prompt educational conversation and review of educational opportunities (Appendix 1)

Outcome Measure		Achieveme	nt Timeline		Assessment Tool
Core Professional Activity (CPA)	End of first 2 blocks FM PGY1	End of PGY1 FM	End of first 2 block FM PGY2	End of PGY2 FM	Field Note: Entrustable Professional Activity (EPA)
Complete office billings according to local processes					Complete billings
Identify and attend to professional legal obligations and risks					Apply ethical and legal frameworks in shared decision making with patients and families
Manage time and scheduling to ensure a desirable and efficient mix of activities					Act professionally
Attend to the quality and sustainability of work life and the work environment			A		Act sustainably in service of self, profession and system



Summative Assessment: Where Indirect Patient Care Is Reflected In The Family Medicine ITAR

IPACs will also be evaluated on Family Medicine ITARs:

Leader

	Level 1 (Novice Skill Set)	Level 2	Level 3 (End of PGY1)	Level 4	Level 5 (Advanced Skills Set)
	1	2	3	4	5
PRACTICE	0	0	0	0	0
MANAGEMENT - Efficiency and Organization, Resource utilization (investigations, medications, consultations)	Organizes patient care responsibilities but needs help with prioritization. Some guidance needed to appropriately use health care resources (tests, referrals).	prioritize. General understanding of health care cost.	Prioritizes patient care responsibilities appropriately. Manages time well under usual circumstances. Identifies medically appropriate investigations for patients in an ethical and resource-effective manner. Contributes to practice	frequent patient visits or unexpected events. Can take on a significant administrative role with the	Level 4 PLUS Actively prioritizes multiple clinical responsibilities. Identifies opportunities to improve practice efficiencies. Manages practice related administrative tasks. Role model for junior learners

COMMUNICATOR

PROFESSIONAL	0	0	0	0	0
COMMUNICATION SKILLS - Verbal, Written, EMR	organized. Charting is timely,	Level 1 PLUS Consistently organized case presentations. Starting to use the EMR to organize and assist in patient care.	consultation letters and	Level 3 PLUS Referral requests consistently ask an explicit and clear question. Can present a case clearly and concisely with a consultant on the phone for the purposes of developing patient care plans.	Level 4 PLUS Consistently meets level 4 criteria for case presentations charting and referral requests. Uses EMR effectively to optimize data management and quality of care.



APPENDIX 1: Educational Opportunities

Outcomes Expected By End Of First 2-Blocks Full Time Family Medicine PGY1:

Core Professional Activity	Teaching/Learning Opportunities and Tools	Clinical Exposures and Experiences	Observable Behaviours
Maintain an electronic medical record for each patient/encounter as part of a longitudinal patient record	Orientation to clinic specific EMR Orientation to documentation including note format (SOAP v SODA v narrative charting) Documentation CMPA workshop Preceptor/Team share stamps/templates Field notes on charting Chart reviews by MRP following completion 1:1 orientation with preceptor Observe other clinicians' notes	Start charting every patient encounter from beginning of residency Every chart is reviewed at the beginning of residency and can be directed for review at any time	Notes and documentation is completed within 24 hours of visit Notes and documentation contain relevant information and not extraneous information Charting is completed on ALL patient interactions and encounters Using EMR to organize and assist with patient care; placing documentation within the chart to facilitate this.
Complete office billings according to local processes	 Orientation to clinic specific EMR Billing sheet handout Top 10 billing codes review Orientation to clinic specific processes Field notes on billing 1:1 Discussion with preceptor Billing meetings - Quarterly Central Block 7 talk on billing 	Start of billing/shadow billing day 1 of residency Horizontal elective with administrative staff to learn about billing and Remittance Advice Discussion with team/peers to discuss billing codes and opportunities	 Billing completed in a timely manner Documents times in and out appropriately Quarterly billing review reflects a diversity of billing codes
Attend to personal health and well-being through a range of self-determined health promotion activities and decisions	 Orientation wellness session + handout Scheduling time off Social events (Team based/Unit Based/Program based) Goals meeting Portfolio review 		



Outcomes Expected By End Of PGY1 Family Medicine (1of2):

Core Professional	Within the First 2 M	onths of Full Time Fam	ily Medicine		By the End of PGY1 Year	
Activity	Teaching/Learning	Clinical Exposures	Observable Behaviours	Teaching/Learning	Clinical Exposures and	Observable Behaviours
	Opportunities and Tools	and Experiences		Opportunities and Tools	Experiences	
Support and coordinate patient care across settings and care transitions	Orientation on how to do a consult (process), CPSO requirements for consults, follow-up for consults Orientation to EMR process for generating consults Orientation to specialist colleagues that are frequently referred to (and exceptional pathways) Introduction to administrative staff in clinic Horizontal elective time with local Consult team and medical secretaries	Horizontal with consult admin Exposure through routine clinical care Reading consultation notes	Able to provide urgent phone consultation request with direct support Able to generate a complete a consultation request including pertinent information *including vital statistics (ht/wt, etc) Can complete common diagnostic requisitions	Teaching around closing the loop and ensuring completion Field notes from chart review Reviewing completed consults (did it answer your question) Observation/Role Modeling by preceptor about how to redirect refused consults	Horizontal with consult admin Exposure through routine clinical care	Able to complete consultations and exclude extraneous information Question to consultant is more nuanced Able to calling and coordinate care with LIHN or other community providers
Complete medical forms and documentation to support patient care and reporting requirements	WSIB teaching session in Block 7 MHBS session ODSP Protected indirect patient care time 1-to-1 support from preceptors	Horizontal with System Navigator Exposure/linking with opportunistic patient care experiences Exposure/demonstrati on of more complex forms when completed by MRP (Example OW/ODSP form)	Completes simple forms or notes with help and direct MRP review May require assistance to find the form and resources in EMR	WSIB teaching session in Block 7 MHBS session ODSP Horizontal with James Street clinic (ODSP)	Forwarding forms from MRP (more complex) for continuity patients (ODSP)	Completes form independently (with supervisor sign off) Completes OW and ODSP forms with assistance from MRP



Outcomes Expected By End Of PGY1 Family Medicine (2of2):

Core Professional	Within the Fire	st 2 Months of Full 1	ime Family Medicine		By the End of PGY1 Year	
Activity	Teaching/Learning Opportunities and Tools	Clinical Exposures and Experiences	Observable Behaviours	Teaching/Learning Opportunities and Tools	Clinical Exposures and Experiences	Observable Behaviours
Manage patient medications, prescriptions, and related pharmacy communications and requests	Orientation on best prescribing practices Orientation to EMR prescription module	Prescribing medication in a clinical encounter	Managing acute / renewal prescriptions during an encounter Demonstrates appropriate lab monitoring with prescribed medication Starting to understand and demonstrate the relationship between refill duration/quantity and safe prescribing Adjusts prescriptions when renal dosing is appropriate Reviews allergies and drug/drug interactions in the EMR Can update the preferred pharmacy in EMR	Horizontals with pharmacy Choosing wisely modules	Incoming prescription renewal requests from pharmacies and clinical encounters	Considers other medication renewals outside of immediate request Considers deprescribing/tapering trials Updates medication list within EMR from consultation notes Performs medication reconciliation
Attend to the quality and sustainability of work life and the work environment	 Orientation wellness session + handout Scheduling time off Social events (Team based/Unit Based/Program based) Goals meeting Portfolio review 			 Portfolio review Ongoing reflection as workload increases Goals meetings 		



Outcomes Expected By End Of First 2-Blocks Full Time Family Medicine PGY2 (1of2):

Core Professional	Within the First 2 Months of Full Time Family Medicine			By the End of PGY	'1 Year		Within the First 2 Months of Full Time Family Medicine PGY2		
Activity	Teaching & Learning Opportunities and Tools	Observable Behaviours	Clinical Exposures and Experiences	Teaching & Learning Opportunities and Tools	Observable Behaviours	Clinical Exposures and Experiences	Teaching & Learning Opportunities and Tools	Observable Behaviours	Clinical Exposures and Experiences
Follow up on patient encounters, monitoring the results of investigations, consultations, etc., and notifying patients with results, as appropriate	Approach to inbox teaching within first 2 months Handout for inbox given at orientation Field notes Direct case reviews and chart reviews Electronic message feedback from preceptor	Starting a graduated approach to inbox (forwarding/ch unking& filing) Can construct plan with support regarding messages from admin staff Review each case with MRP to co-develop management plan Reading around interesting results	Share all contents of EMR inbox at end of Block 1	Field notes Direct case reviews and chart reviews Electronic message feedback from preceptor	Increased management of greater number of items (entire inbox open) Can construct plan independently for admin staff Can start to delegate responsibility appropriately to team with guidance Can follow up on tests that directly ordered (a larger subset) Develops management plan to discuss with MRP prior to patient contact	Patient encounters – self- directed rebooking for results, or prebooked by patient for results (you may not have ordered the test) Graded exposure to patient phone calls (Can discuss most straightforw ard results with independenc e, may require support with complex or unfamiliar patients or with consultants)		Uses judgement to delegate responsibility for follow up and recall within the team when appropriate	Managing entirety of inbox (excluding protected academic time, vacation, etc)



Outcomes Expected By End Of First 2-Blocks Full Time Family Medicine PGY2 (2 of 2):

Core Professional	Within the First 2 Months of Full Time Family Medicine			By the End of PGY1 Year			Within the First 2 Months of Full Time Family Medicine PGY2		
Activity	Teaching/Learnin g Opportunities and Tools	Observable Behaviours	Clinical Exposures and Experiences	Teaching/Learni ng Opportunities and Tools	Observable Behaviours	Clinical Exposures and Experiences	Teaching/Learni ng Opportunities and Tools	Observable Behaviours	Clinical Exposures and Experiences
Identify and attend to professional legal obligations and risks	 CMPA documentation workshop MTO reporting guidelines CPSO Duty to report guideline Discussing safety net for investigations/ Consultations with preceptor – introduction to reminder system (example: ticklers) 	Recognizes what items need to be flagged for follow up Recognizes need to report	Clinic based on opportunis tic exposure Case discussion with MRP regarding challengin g cases MHBS	block 7 lectures					



Outcomes Expected By End Of PGY2 Family Medicine:

Core	Within the First 2 Months of Full Time	Family Medicine		By the End of PGY1 Year		
Professional Activity	Teaching/Learning Opportunities and Tools	earning Opportunities and Observable Clinical Exposures and Teaching/Learning Opportunities and Experiences		Teaching/Learning Opportunities and Tools	Observable Behaviours	Clinical Exposures and Experiences
Manage time and scheduling to ensure a desirable and efficient mix of activities	Preceptor/resident discussion around how does this work into the work day Expectation setting that caring for people is not defined by solely clinical work time ITARs Portfolio review	Generally running on time based on typical PGY1 schedule Chart completion within 24 hours	 Time for patient encounters/labs structured Longer duration for patient care activities 	Preceptor/resident discussion around how does this work into the work day Expectation setting that caring for people is not defined by solely clinical work time ITARS Portfolio review	Beginning to consider how specific patient scheduling might impact office flow	Time for patient encounters/labs structured Longer duration for patient care activities

Within the First 2 Months of Full Time Family	Medicine PGY2		By the End of PGY2 Year		
Teaching/Learning Opportunities and Tools	Observable Behaviours	Clinical Exposures and Experiences	Teaching/Learning Opportunities and Tools	Observable Behaviours	Clinical Exposures and Experiences
 Preceptor/resident discussion around how does this work into the work day Expectation setting that caring for people is not defined by solely clinical work time ITARs Portfolio review 	Generally running on time based on a PGY2 schedule Chart completion within 24 hours	 Increased appointment volume (direct care) Increased indirect patient responsibility 	Preceptor/resident discussion around how does this work into the work day Expectation setting that caring for people is not defined by solely clinical work time ITARs Transition to practice lectures (Block 7)	Integrating indirect patient care activities within the clinical day Proactively looking into schedule to make adjustments	



Appendix 2: Teaching and Learning: Graduated Approach by Task Initiation – Forwarding Method (By Danielle O'Toole)

INBOX COMPETENCY

	INBOX COMPETENCY							
	Description	Expectations	Time Commitment	Goals	Time limit within Residency			
Viewing your own ordered investigations	you have ordered the results will already be	Observe: • how various investigations were managed • how the staff communicated / "commented" their plan • how the staff arranged follow up • how the staff updated the patient chart / CPP	5-10 min: you will receive approximately 5-10 items per day and will need 1-2 min to review each item	familiarize yourself with: • how items in the inbox are managed • how communication occurs between team members • how the chart is updated • how follow up is arranged	This step should be started within the first 4 weeks into first full- time block of family medicine			
Considering management for your own ordered investigations	you will receive a copy of the results of investigations you have ordered the results will NOT have been already addressed/taken care of by staff	Suggest management plan: using the "comment" button, suggest a management plan for each item. Include (1) reason for investigation (2) findings (3) followup including if pt was contacted once the staff has reviewed and agreed with your plan, you are responsible for: updating the chart (including ticklers) arranging follow-up or further investigations	30-60 min: you will receive approximately 5- 10 items per day and will need 5-10 min per item.	Begin developing skills for managing inbox items and arranging follow-up	This step should be started within the first <u>6 weeks</u> into your first full-time block of family medicine			
Managing your own ordered investigations	you will receive a copy of the results of investigations you have ordered the results will NOT have been already addressed/taken care of by staff	Develop management plan using the "acknowledge" button, develop and follow through with a management plan for each item. Continue to: provide context identify and explain abnormal results communicate and follow through with plan update the chart Staff will continue to review your plans If there are any items which you need guidance with, use the "comment" button to suggest a management plan	30-60 min: you will receive approximately 5- 10 items per day and will need 5-10 min per item.	Develop <u>confidence</u> and <u>independence</u> when managing inbox items. Demonstrate an ability to follow through with the plan	This step should start within the first <u>8 weeks</u> into your first full-time block of family medicine			
Viewing all items in the inbox and managing your own ordered investigations	You will receive all items in the inbox (ones you have ordered and ones the staff and your colleagues have ordered) The results of the investigations you ordered will NOT have been addressed by staff	Observe How items in the inbox are managed when they have NOT been ordered by you Efficiently manage: Items in the inbox you have ordered as before Staff will continue to review your plans	30-60 min: you will receive approximately 30-40 items per day and will need 2-5 min to manage the 10 items you have ordered and 1-2 to view the other items	Familiarize yourself with how to manage items in the inbox that were not ordered by you Reflect on the importance of having and identify a purpose and plan for investigations prior to ordering Demonstrate the ability to efficiently manage items in the inbox that you have ordered	This step should be started by the end of full-time family medicine blocks in the first year of residency The step is the st			
Manage your own ordered investigations and other parts of the inbox	You will receive all items in the inbox (ones you have ordered and ones the staff and your colleagues have ordered) The results of the investigations you ordered will NOT have been addressed by staff	Efficiently manage: Items in the inbox you have ordered as before Slow integrations of other aspects of the inbox (ex. one week of all prescriptions, one week of all consults, one week of all diagnostic imaging, one week of all lab work) Staff will continue to review your plans	30-60 min: you will receive approximately 30-40 items per day and will need 2-5 min to manage the 10 items you have ordered & the 5-10 additional items as well as 1-2 to view the other items	Demonstrate the ability to efficiently manage items in the inbox that you have ordered Develop strategies for managing specific aspects of the inbox (ex. approach to medication refills) Prepare for managing a "full practice size inbox" while on an R1 schedule, prior to the increase in R2 scheduling	This step should be started by the end of the first <u>4 weeks</u> of full-time family medicine in the second year os residency			
Manage all items in the inbox	 You will receive all items in the inbox (ones you have ordered and ones the staff and your colleagues have ordered) Shared responsibility with staff 	Efficiently manage All items in the inbox that have been ordered for the team's patients Staff will continue to review your plans and share the responsibility	30-60 min: you will receive approximately 30- 40 items per day and will need 1-2 min to manage each item	Demonstrate the ability to <u>efficiently</u> manage all items in the inbox Demonstrate appropriate <u>communication</u> within the team so all members know how items managed	This step should be started by the end of the first <u>8 weeks</u> of full-time family medicine in the second year of residency			



Appendix 3: Teaching and Learning: Graduated Approach by Task Type – Chunking Method (By Amie Davis)

	Description	Expectations	Time Commitment	Goals	Time limit within Residency
Viewing Laboratory Results		Observe: • how various investigations were managed • how the staff communicated / "commented" their plan • how the staff arranged follow up • how the staff updated the patient chart / CPP	30-60 min: you will open and consider as many as possible during lab time At the end of day you will "File" all unread results and items	familiarize yourself with: • how items in the inbox are managed • how communication occurs with team members • how the chart is updated & follow up arranged	This step should be started within the first 4 weeks into first full-time block of family medicine By 4 weeks you should be viewing most labs and not filing
Managing Laboratory Results	You will start to suggest management plans for abnormal results & acknowledge normal results The results may NOT have been addressed by staff If addressed by staff – ask questions directly or by message	Suggest management plan: using the "comment" button, suggest a management plan for each item. Include (1) reason for investigation (2) findings (3) follow-up including if pt was contacted once the staff has reviewed and agreed with your plan, you are responsible for: updating the chart (including ticklers) arranging follow-up or further investigations	30-60 min you should still open all labs If you are spending more than 5 minutes on a lab; flag this lab for discussion with staff for learning purposes (send staff message to review with you AND leave comment on labs)	Begin developing skills for managing inbox items and arranging follow-up Develop confidence and independence when managing inbox items.	This step should be started within the first <u>6 weeks</u> into your first full-time block of family medicine
Reading Consults And Investigations	After finishing labs, scan HRM documents and consults for patients you know or who may have follow up scheduled with you Once you are able to keep pace with patients you know, start to review all consults	Develop management plan using the "acknowledge" button, develop and follow through with a management plan for each item. Continue to: provide context identify and explain abnormal results communicate and follow through with plan update the chart Staff will continue to review your plans If there are any items which you need guidance with, use the "comment" button to suggest a management plan	30-60 min: Builds on efficiency being gained in lab management	Develop confidence and independence when managing inbox items. Demonstrate an ability to follow through with the plan Reflect on the importance of having and identify a purpose and plan for investigations prior to ordering Demonstrate the ability to efficiently manage items in the inbox that you have ordered	This step should start within the first <u>8 weeks</u> into your first full-time block of family medicine
Prescription renewals and Third Party Forms	prescription renewals for patients you recognize The prescriptions may have already been completed by your staff	how the request was managed how the staff communicated / "commented" their plan how the staff arranged follow up	60-90 min: Continuing to build on previous efficiencies	Familiarize yourself with how to manage prescription refills Develop strategies for managing specific aspects of the inbox (ex. approach to medication refills) Prepare for managing a "full practice size inbox" while on an R1 schedule, prior to the increase in R2 scheduling	This step should be started by the end of full-time family medicine blocks in the first year of residency
Manage all items in the inbox	You will receive all items in the inbox (ones you have ordered and ones the staff and your colleagues have ordered) Shared responsibility with staff	Efficiently manage All items in the inbox that have been ordered for the team's patients Staff will continue to review your plans and share the responsibility By end of program should be able to manage Inbox (Average practice generates 1 hour Indirect Patient Care for Half-day of clinical work)	90-120 min: you will receive approximately 50-70 items per day and will need 1-2 min to manage each item	Demonstrate the ability to efficiently manage all items in the inbox Demonstrate appropriate communication within the team so all members know how items managed	This step should be started by the end of the first <u>8</u> <u>weeks</u> of full-time family medicine in the second year of residency