



Primer for Procedural Skills – EPA COD5

What is CBD?

Competency By Design is the Royal College's model of Competence-Based Medical Education (CBME) which is an educational model that is...

- More oriented to **outcomes** rather than time in training (i.e. what trainee can DO)
- More **flexible** to learners' prior skills and current needs
- Training using a **coaching** approach with more regular feedback & entrustment decisions
- Enhanced **tracking** of learners' progress and performance

What is an EPA?

An Entrustable Professional Activity is a **unit of work** actually done during the clinician's day (e.g., admit a patient to hospital, carry out a procedure, lead a family meeting)

- There are **29 EPAs** for the PGY1-4 Internal Medicine training program
- Each EPA gets **assessed several times** for each resident
- Each EPA is made up of several "**milestones**"
- The EPAs increase in **complexity** through stages

Learn more about EPAs and CBD:

READ Factsheets:
CBD Terminology Click [here](#)
Improving feedback tips: Click [here](#)

WATCH an eModule on:
CBD in Internal Medicine and
Medsquares troubleshooting: Click [here](#)
to watch
EPAs 101: Click [here](#)

PREVIEW a sample completed TTD1 EPA.
Click [here](#) to preview.

VISIT
www.deptmedicine.utoronto.ca/cbme
for general information on resources and events.

Questions? CONTACT us at
dom.cbd@utoronto.ca

Core of Discipline -COD EPA 5 (PGY2&3): This EPA documents the resident's ability to perform the **advanced procedures of internal medicine: airway management & endotracheal intubation, arterial line catheterization, central line insertion, thoracentesis, paracentesis, lumbar puncture, joint arthrocentesis.** It covers consent, preparation, post-procedure care, including documentation & management of any immediate complications.

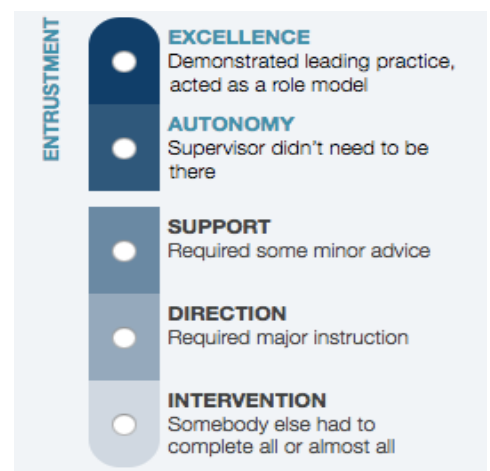
Supervisor (staff and/or supervising fellow) does assessment based on **direct observation.**

EPA MILESTONES: COD5 ([Click to see similar completed form](#))

1. Obtains informed consent, explaining the indications, benefits and risks of procedure using a person-centered approach.
2. Prepares for procedures (incl gathering materials, following aseptic techniques, using safety checklist, positioning patient, handles sharps safely, maintains universal precautions).
3. Demonstrates knowledge of steps of procedure, potential risks, and means to avoid/overcome them.
4. Performs technical aspects of the procedure skillfully.
5. Attends to patient comfort during the procedure.
6. Recognizes, troubleshoots & manages complications & seeks help when needed.
7. Documents procedure in a manner that enhances care; documentation is organized.
8. Works effectively and professionally with the health care team during the procedure.
9. When relevant, implements post-procedure care plan, orders appropriate tests & correctly interprets them.

HOW TO COMPLETE AN EPA ASSESSMENT:

1. You or the resident initiate the assessment. You observe the resident carry out the activity. We expect at least 5 minutes of direct observation for this tool. Parts of the assessment can be done as case review/discussion.
2. You or the resident sign onto [medsquares](#), and provide the assessment demographics. This can be done on the mobile phone or computer top.
3. From the list of milestones pertinent to the EPA, choose 2-3 milestones that are relevant to the activity, and provide comments about the resident's performance. Please also indicate the performance *level* on each milestone you assessed, using the entrustment scale. *You are not required to cover all milestones, but are welcome to.*
4. Using the global entrustment scale, decide whether the resident can be entrusted overall to perform this activity with a similar case in the future. *In general, residents are not expected to be entrustable early in a new stage of training, although this particular tool verifies skills that should have been learned in medical school.*
5. Provide general comments and recommendations for the resident's future learning.
6. Discuss your feedback with the resident.



GLOBAL ENTRUSTMENT SCALE (Autonomous and Consultancy levels are entrustable)