

Competence by Design

Focus on CBD

All of our first year residents are now working in the **Foundations** phase of CBD. They have moved out of Transition to Discipline which encompassed the first three or four blocks of the year.

Foundations will encompass **10-12 blocks**

They are collecting a **minimum of TWO** observations per week.

Focus on EPA #5 in Foundations

Assessing, diagnosing and managing patients with common pediatric problems

In order to successfully complete this EPA, students must perform a comprehensive and/or a targeted **history and physical exam**.

- It can be for a new patient or for a patient with an exacerbation of a pre-existing illness.
- They should include a differential diagnosis and an initial management plan, and presentation to supervisor
- It should be performed on a stable patient (not critically ill or medically complex).

These observations can occur in a wide variety of settings from outpatient clinic to the Emergency room. Residents are required to evaluate patients of different ages from **neonate to adolescent**.

They are also required to see a variety of conditions ranging from fever, dehydration and respiratory distress. It also includes mental health and behavioural issues.

There are **12 Milestones** associated with this EPA for you to consider. You should be evaluating these milestones during your assessment, but remember that not all apply to every observation; just check what applies.

Did they

- 1) Elicit a history, including the perinatal history as relevant
- 2) Conduct the interview in a patient-centered manner
- 3) Perform the physical exam in a manner that minimizes discomfort or distress, without excluding key elements
- 4) Perform a physical exam relevant to the presentation
- 5) Adapt the clinical assessment to the child's age and development
- 6) Seek and synthesize relevant information from other sources (Meditech, healthy NL)
- 7) Develop a differential diagnosis relevant to the patient's presentation
- 8) Apply knowledge of the limitations of blood volume on lab testing and the challenges of medical imaging in children
- 9) Consider costs when choosing care options
- 10) Select and/or interpret appropriate investigations
- 11) Synthesize and interpret information from the clinical assessment
- 12) Develop a plan for initial management

When entering the information in MUNCAT, remember to select all of the appropriate information, including:

M-score (sliding scale)

Lots of
Assistance

No
Assistance

Expert



Ottawa Score

I had to
do it

I had to
walk
them
through

I needed
to
prompt

I needed
to be
there just
in case

I didn't
need to
be there

Milestones

Not observed

In Progress

Achieved

- Please remember your pin!

Each edition of J-files will be highlighting a different EPA as our residents move through the stages of training. For more information on CBD go to <https://www.royalcollege.ca/rcsite/cbd/competence-by-design-cbd-e> and for our curriculum maps and EPA's go to one 45 at <https://webeval.med.mun.ca/mun/>

Highlight on Community Pediatrics in Kentville

I recently completed my community pediatrics rotation with the Pediatrics Team in Kentville, Nova Scotia and had a fantastic experience! The Kentville Pediatrics group consists of five pediatricians, including two former MUN Peds residents, who serve the Annapolis Valley and South Shore of Nova Scotia. Their main outpatient office is located in downtown Kentville, close to plenty of cozy coffee shops, and just a short walk from the Valley Regional Hospital where they provide inpatient care. My rotation included outpatient clinics, emergency department consults, inpatient medicine, newborn care, and high-risk deliveries. The staff pediatricians were extremely welcoming and attentive to my learning objectives, offering the perfect balance between support and independence. There is plenty to explore in the area including excellent hiking and biking trails, lovely farm markets, and tasty restaurants. I would highly recommend this site to anyone planning a community pediatrics rotation! Dr. Brian Crouse is the contact for residents interested in setting up a rotation and can be reached at drbcrouse@gmail.com.

Cheers,
Michelle



Pediatric Residents Research Day 2022

On January 27th, we held our 2022 Pediatric Residents Research Day. This year we had almost a record number of presenters, representing each year of our residency program. Topics this year included the development and evaluation of a mobile health application for survivors of childhood cancer; innovating pediatric behavioural assessments and care pathways; validation of mental health data from the Janeway ER database; Sofia Lyme validation to diagnose Lyme arthritis in children; improving knowledge surrounding pediatric sedation and analgesia in Newfoundland and Labrador; analysis of unintentional pediatric injuries resulting in hospitalization and death; resident perspectives of interactive learning tools; improving the transition to adult medicine for adolescents with eating disorders; clinical assessment of psychological distress in long-term survivors of childhood cancer; understanding the patient perspective of inflammatory bowel disease; evaluating the health problems and outcomes of children and youth attending the children and youth in alternate care (CAYAC) clinic; and exploring health care service utilization by youth attending the CAYAC clinic.

The range of topics studied reflects the diversity of issues impacting children's health and pediatric training. Many of the projects focus directly on improving how care is provided to children in our province.



Dr. Hilary Price was awarded the prize for the best research proposal. Hillary is examining infant sleeping arrangements in the first six months of life in Newfoundland and Labrador. Based on the first phase of her study, she plans to translate her research findings at local and national levels to inform the uptake of best practices for infant sleeping arrangements. Hilary is being supervised by Dr. Anne Drover.



Dr. Kayla McNally was awarded the prize for the best completed project. Kayla examined the health problems and outcomes of children and youth attending our Children and Youth in Alternate Care (CAYAC) Clinic. Kayla is being supervised by Dr. Sandra Luscombe and Dr. Leigh Anne Newhook. Kayla will next represent our program at the 2022 National Pediatric Resident Research Competition in May in Edmonton, Alberta.

The judges for research day were Dr. Kathleen Hodgkinson (Memorial), Dr. Weldon Bonnell (Memorial / Eastern Health), and Dr. Farah McCrate (Eastern Health). Dr. Roger Chafe, the pediatric resident research director, was the moderator for the day.

Thank you to everyone involved in helping with the residents' research projects and with making our resident research day another successful event. It is another illustration of the contributions all our residents constantly make to the culture of research and inquiry here at the Janeway.

CaRMS 2022

Thank you to everyone who helped with file review and interviewing!!
Match Day is April 12th, 2022.