



## Background

Teaching and learning experiences on many undergraduate and postgraduate medical education rotations are often episodic, with learners encountering different teachers and supervisors throughout their rotation. Although paper daily assessment tools are often used, there are logistical challenges in completion, collection and distribution to the learners' preceptors.

Most teachers and supervisors are not responsible for providing summative (end-of-rotation) evaluations to their learners.

Current university evaluation systems do not easily allow for daily evaluations of this episodic teaching. The preceptor responsible for evaluating the learner often does not have the entire "picture" from all the clinical teachers/supervisors about the learner's performance.

Learners often report that they are not receiving adequate feedback on performance in the clinical setting. From the educator's perspective, learners in difficulty are often not identified until the end of the rotation, when it is too late to provide timely feedback and remediation.

# Daily Learner Feedback & Assessment Tool: A Community Academic Hospital Approach

# Rick Penciner MD\*+, Kerry McPartland\*

\*North York General Hospital, Toronto, Canada; +Department of Family & Community Medicine, University of Toronto

#### **Development of Tool** Implementation of Tool Tool developed by Principal Investigator based on Shift or day of teaching in hospital or literature, institutional requirements and existing forms used in hospital office setting Tool reviewed with hospital Medical Education Online form completed • Tool standardized across all departments based on encounter consensus of Education Leads Teachers encouraged to complete form Feedback from education leads with the learner solicited and incorporated into tool Form completed on smartphone or Online tool Paper tool Revisions to tool made computer completed piloted Online tool created using SharePoint (Microsoft Corp.) "Below expectation" triggers • Online tool made available to all hospital automated email to administrator departments on a voluntary basis Completed Online tool Reports sent to preceptors for mid- Utilizing CanMeds Competency Framework forms rotation and end-of-rotation evaluation created Likert scale and free text boxes submitted **Online Tool** Year One Experiences 5 hospital departments with 157 teachers completing Communicator (written records, oral reports, patient interaction) 2548 encounters on Collaborator (team participation, role awareness) Manager (appropriate use of resources, efficiency) Advocate (individual patients, population-based) 460 learners Professional (dress, ethics, punctuality, responsible) 5.5 evaluations/learner 'If learner is below expectations, document specific examples and notify superviso 29 "Below Expectations" on 18 trainees (3.9% of learners)

### **Anticipated Benefits**

- ✓ Learners receive more feedback immediately after the encounter
- ✓ Teachers become familiar with the CanMeds Competency Framework
- ✓ Learners in difficulty identified early
- ✓ Preceptors' evaluations of learners (mid-rotation and end-of-rotation) informed by teachers that supervised learners
- Enhanced reliability of evaluations (based on multiple observations)
- ✓ Track learner attendance
- ✓ Track teaching
- ✓ Overcome barriers of a paper system (collection, distribution, collation of results

#### Conclusion

An "online daily learner feedback and assessment tool" has the potential to enhance feedback and assessment of learners in addition while significantly improving the process.

For further information, contact:
Rick Penciner
rick.penciner@nygh.on.ca