

Improving Medical Education through High Yield Faculty Development Modules

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Background

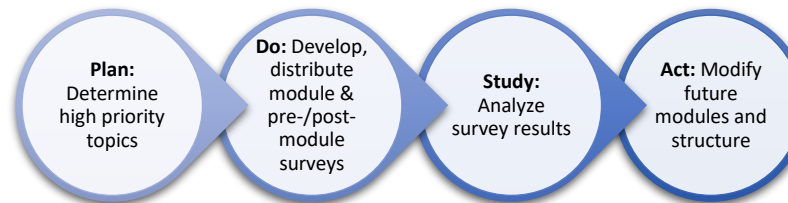
- Children's Mercy Kansas City has an ACGME-accredited Pediatric Rehabilitation Medicine (PRM) fellowship program.
- ACGME requires faculty participation in faculty development or academic activities as part of the PRM Fellowship Program Requirements.
- Faculty development is an important part of career advancement, personal growth, and programmatic improvement yet participation by PRM faculty has been limited.
- PRM faculty cite time and specificity as factors limiting participation.

Objectives

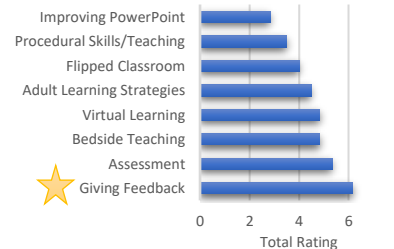
- Develop concise, on-demand faculty development modules related to medical education
- Prioritize topics to maximize participation
- Analyze feasibility, perceived benefit, and knowledge acquisition

Hypothesis: If PRM faculty are provided with shorter, high-yield, relevant modules, faculty participation, satisfaction, and knowledge will increase.

Design



Results



Medical Education Topics:
Survey results from PRM faculty (n = 6) on desired topics.

Highest priority topic: "Giving Feedback"

Module: Interactive, self-paced utilizing primarily Articulate Rise 360® and PowToon®



Participation: 5/6 faculty (83.3%)
Completion time: 22.4 minutes (range 20-27 minutes)

Was the activity beneficial to your development as a medical educator?
Strongly agree (40%), Agree (60%)

Results (continued)

Metric	Pre-Module (mean)	Post-Module (mean)
How comfortable are you with giving feedback? (1-10, 1 = least)	5.4	7.4
How satisfied with your ability to give feedback? (1-10)	4.8	7.0
Quiz	80.0% ± 18%	100% ± 0%

Comments:

- Helpful to shorten to 10 minutes, 15 minutes max
- Hard to read one quote; narration too fast

Conclusions & Next Steps

- The activity is feasible: 83.3% participation
- The activity is beneficial: 100% of participating PRM faculty agreed or strongly agreed
- Comfort, satisfaction, and knowledge scores all increased after module completion
- Future directions:**
 - Shorten modules while preserving content
 - Distribute every 2 months
 - Continue to analyze results
 - For topics with lower scores, consider mini workshop every 6 months
 - Consider distribution to broader audience