Assessing Surgical Resident Competencies in New Innovations

Jeffery Kirk
Training & Support
New Innovations, Inc.
Objective

• Assess Competency through the use of New Innovations
WHO ARE WE?
Who are we?

Service  Solutions  Security
Who are we?

Service

expert knowledge in database programming
Who are we?

provide the best tools on the market

Service
Who are we?

professional, knowledgeable training and support

Solutions
Who are we?

Solutions

responsive, consistent care and assistance
Who are we?

phone, email, and online tutorials and documentation
Who are we?

dedicated to data security and integrity
WHO DO WE SERVE?
57.7% of all Surgical Residents tracked in the RMS
ASSESSING RESIDENT COMPETENCY
How?
Reviews

Portfolio

“...all programs must provide a summative evaluation of the resident...”
Reviews

Portfolio

Competency by Training Year

Results from Grade Scale: 1 - 9

- Patient Care: PRG 1 - 6, PRG 2 - 8
- Medical Knowledge: PRG 1 - 5, PRG 2 - 6
- Practice-Based: PRG 1 - 5, PRG 2 - 6.87
- Interpersonal: PRG 1 - 4, PRG 2 - 5
- Professionalism: PRG 1 - 5, PRG 2 - 6
- Systems-Based: PRG 1 - 5, PRG 2 - 5
- Osteopathic: N/A
Reviews

Portfolio

“...the summative evaluation must provide documentation of a resident’s performance during specialty training...”
## Reviews

### Portfolio

<table>
<thead>
<tr>
<th>Rotation</th>
<th>Start Date</th>
<th>End Date</th>
<th>Evaluation of Rotation</th>
<th>Evaluation of Faculty</th>
<th>Reviewed Curriculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEST</td>
<td>7/1/2010</td>
<td>7/28/2010</td>
<td>✔️ 1 of 1</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Vacation</td>
<td>7/15/2010</td>
<td>7/22/2010</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>GYN</td>
<td>7/29/2010</td>
<td>8/25/2010</td>
<td>✔️ 1 of 1</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Wards 1</td>
<td>8/26/2010</td>
<td>9/22/2010</td>
<td>✔️ 1 of 1</td>
<td>❌ 0 of 1</td>
<td>❌ 0 of 1</td>
</tr>
<tr>
<td>HAND GH</td>
<td>9/23/2010</td>
<td>10/20/2010</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>AMB1</td>
<td>10/21/2010</td>
<td>11/17/2010</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>ANGIO</td>
<td>11/18/2010</td>
<td>12/15/2010</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
“...the resident must demonstrate competence in surgical specialty...”
# Reviews

## Portfolio

### Progress Summary

<table>
<thead>
<tr>
<th>Overall Progress</th>
<th>Meets Expectations</th>
<th>Requires Attention</th>
</tr>
</thead>
</table>

#### Competency Progress

<table>
<thead>
<tr>
<th>Competency</th>
<th>Meets Expectations</th>
<th>Requires Attention</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient Care</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Knowledge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practice-Based Learning and Improvement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interpersonal and Communication Skills</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professionalism</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Systems-Based Practice</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Osteopathic Philosophy and Osteopathic Manipulative Medicine</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Evaluations

- Procedural Evaluations
- Competency Specific Questions
- Formative Evaluation
- Faculty Evaluation
- Evaluation of Program
Evaluations

Procedural Evaluations

Evaluate resident performance on specific procedures
Evaluations

Procedural Evaluations

Laparoscopic Appendectomy
OR Performance Rating
Evaluator: Subject:
Status:
Program:

Please rate this resident's performance during this operative procedure. The caption above each item provides descriptive anchors for 3 of the 5 points on the rating scale. N/A (Not Applicable) should only be selected when the resident did not perform that part of the procedure. Your evaluation will be provided to the resident verbatim.
develop new questions based on the competencies
### Faculty Evaluation of Resident-Surgical Competencies

<table>
<thead>
<tr>
<th>Evaluator:</th>
<th>Subject:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation:</td>
<td></td>
</tr>
<tr>
<td>Employer:</td>
<td></td>
</tr>
</tbody>
</table>

#### PATIENT CARE

Demonstrates manual dexterity appropriate to their level of training

<table>
<thead>
<tr>
<th>Poor</th>
<th>Average</th>
<th>Above Average</th>
<th>Excellent</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
“...formative evaluation of resident performance must be evaluated after every assignment by faculty...”
### Evaluations

#### Formative Evaluation

**Academic Year:** 2010-2011  
**Current date range:** 7/1/2010 - 6/30/2011

<table>
<thead>
<tr>
<th>Name</th>
<th>Eval Type</th>
<th>Interval Count</th>
<th>Matches</th>
<th>Completed</th>
<th>Start</th>
<th>End</th>
<th>Anonymity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attending Evaluation of Residents 2010-2011</td>
<td>Person</td>
<td>13</td>
<td>137</td>
<td>47.4%</td>
<td>07/01/2010</td>
<td>06/30/2011</td>
<td>None</td>
</tr>
<tr>
<td>Resident Evaluation of Attending 2010-2011</td>
<td>Person</td>
<td>13</td>
<td>139</td>
<td>38.8%</td>
<td>07/01/2010</td>
<td>06/30/2011</td>
<td>Subject</td>
</tr>
<tr>
<td>Resident evaluation of Rotation</td>
<td>Rotation</td>
<td>13</td>
<td>99</td>
<td>54.5%</td>
<td>07/01/2010</td>
<td>06/30/2011</td>
<td>Subject</td>
</tr>
<tr>
<td>Transfer of Care</td>
<td>Rotation</td>
<td>1</td>
<td>1</td>
<td>100.0%</td>
<td>07/01/2010</td>
<td>06/30/2011</td>
<td>None</td>
</tr>
</tbody>
</table>

Page 1 of 1

*New Innovations, Inc. ©1995-2011*
“...the resident must be given the opportunity to confidentially evaluate faculty performance...”
### Faculty Evaluation

**Evaluator:** Allen, Donna  
**Status:** Faculty

<table>
<thead>
<tr>
<th>Ability to impart knowledge</th>
<th>Outstanding</th>
<th>Excellent</th>
<th>Very Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ability to teach operative and technical skills</th>
<th>Outstanding</th>
<th>Excellent</th>
<th>Very Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ability to teach problem-solving skills</th>
<th>Outstanding</th>
<th>Excellent</th>
<th>Very Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ability to demonstrate and impart confidence</th>
<th>Outstanding</th>
<th>Excellent</th>
<th>Very Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>
“...residents must be given the opportunity to confidentially evaluate the training program, at least annually...”
### General Surgery Residency

#### Program Evaluation 10/22/2010

7/1/2010 - 6/30/2011

Included Status Types: PRG 1, PRG 2, PRG 3

<table>
<thead>
<tr>
<th>Question</th>
<th>Answers</th>
<th>%</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q24. Program Director &amp; Associate Program Directors’ support/availability</td>
<td>Excellent</td>
<td>0%</td>
<td>(0)</td>
</tr>
<tr>
<td></td>
<td>Very Good</td>
<td>62%</td>
<td>(8)</td>
</tr>
<tr>
<td></td>
<td>Average</td>
<td>15%</td>
<td>(2)</td>
</tr>
<tr>
<td></td>
<td>Below Average</td>
<td>23%</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>0%</td>
<td>(0)</td>
</tr>
</tbody>
</table>

**Currently flagged as an issue for the following date ranges and statuses:***

- **07/01/2010 - 06/30/2011** *(Flagged on 12/02/2010)*
- **07/01/2010 - 06/30/2011** *(Flagged on 11/19/2010)*

#### Q25.

**Comments**

- I always felt supported by the program leadership.

#### Q26.

**Helpfulness of Faculty mentor**

<table>
<thead>
<tr>
<th>Answers</th>
<th>%</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excellent</td>
<td>0%</td>
<td>(0)</td>
</tr>
<tr>
<td>Very Good</td>
<td>46%</td>
<td>(6)</td>
</tr>
<tr>
<td>Average</td>
<td>38%</td>
<td>(5)</td>
</tr>
<tr>
<td>Below Average</td>
<td>15%</td>
<td>(2)</td>
</tr>
<tr>
<td>N/A</td>
<td>0%</td>
<td>(0)</td>
</tr>
</tbody>
</table>
Rotation Requirements

Block Schedules

schedule rotations which meet your RRC requirements
## Rotation Requirements

### Block Schedules

<table>
<thead>
<tr>
<th>Name</th>
<th>Short Name</th>
<th>Weeks</th>
<th>Program Years</th>
<th>Rotations</th>
</tr>
</thead>
</table>
Rotation Rules

Block Schedules

be alerted to scheduling problems before they’re too late
Rotation Rules

Block Schedules

The Rotation Limits rule establishes the maximum number of weeks specified rotations may be scheduled for specified personnel.
ACGME Case Log Import

Procedure Logger

centralized listing of procedures entered by the residents
ACGME Case Log Import

Procedure Logger

ACGME Import

Configuration Options
- Upon import, convert all records marked as “credited” by the ACGME Case Log System as “confirmed” and “passed”.

Note: If this option is NOT checked, records will be treated as if they were just logged into the RMS and have yet to be confirmed or passed.

Notification Options
- When the import is complete, notify me at this email address: jkirk@new-innov.com

Import ACGME Log File
- Click Select to locate the Resident Case Log text file on your hard drive, networked drive, or other storage device.

Note: View the ACGME website (www.acgme.org) for detailed instructions on how to export your Resident Case Log data into a tab-delimited file.

Save Options and Import
Custom Reports

Specialized Reports to indicate Patient Care competencies

Procedures Logged: Filtered by Resident

<table>
<thead>
<tr>
<th>Resident Last Name</th>
<th>Resident First Name</th>
<th>Procedure</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alden</td>
<td>Wyatt</td>
<td>Central Venous Line Placement</td>
<td></td>
</tr>
<tr>
<td>Alden</td>
<td>Wyatt</td>
<td>Central Venous Line Placement</td>
<td></td>
</tr>
<tr>
<td>Alden</td>
<td>Wyatt</td>
<td>Central Venous Line Placement</td>
<td>Performed</td>
</tr>
<tr>
<td>Alden</td>
<td>Wyatt</td>
<td>Central Venous Line Placement</td>
<td>Performed</td>
</tr>
<tr>
<td>Alden</td>
<td>Wyatt</td>
<td>Blood Transfusions</td>
<td>Performed</td>
</tr>
</tbody>
</table>

Count: 5

Procedure  | Count
---        | ---
Blood Transfusions | 1
Central Venous Line Placement | 4
Continuity Clinic Days

Assignment
Schedules/Personnel Data

“...residents must be provided with an opportunity to provide continuity of patient care, regularly...”
## Continuity Clinic Days

### Assignment

Schedules/Personnel Data

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>16</td>
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<td>24</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Half days of clinic reflected on the schedule for audit purposes*
## Continuity Clinic Days

### Assignment

**Schedules/Personnel Data**

<table>
<thead>
<tr>
<th>Person</th>
<th>Start Date</th>
<th>End Date</th>
<th>Status</th>
<th>Weeks of Continuity Clinics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arora, Sheila</td>
<td>7/1/2010</td>
<td>6/30/2011</td>
<td>PRG 2</td>
<td>52</td>
</tr>
<tr>
<td>Austin, Lana Melanie</td>
<td>7/1/2010</td>
<td>6/30/2011</td>
<td>PRG 2</td>
<td>52</td>
</tr>
<tr>
<td>Bowman, Aimee</td>
<td>7/1/2010</td>
<td>6/30/2011</td>
<td>PRG 2</td>
<td>52</td>
</tr>
<tr>
<td>Goodman, Aaron Lon</td>
<td>7/1/2010</td>
<td>6/30/2011</td>
<td>PRG 2</td>
<td>52</td>
</tr>
</tbody>
</table>
Journal Assignments

Portfolio

identify strengths, deficiencies, and limits in one’s knowledge and expertise
Journal Assignments

Portfolio

set learning and improvement goals
### Journal Assignments

**Portfolio**

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Assignment</th>
<th>Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/1/2010</td>
<td>Beebe, Elizabeth</td>
<td>PRG 3</td>
<td>Advisor Program Director</td>
</tr>
<tr>
<td>12/1/2010</td>
<td>Daruwalla, Farrokh</td>
<td>PRG 3</td>
<td>Advisor Program Director</td>
</tr>
<tr>
<td>12/1/2010</td>
<td>Kirk, Jeffery</td>
<td>PRG 3</td>
<td>Advisor Program Director</td>
</tr>
<tr>
<td>12/1/2010</td>
<td>Jones, Greg</td>
<td>PRG 3</td>
<td>Advisor Program Director</td>
</tr>
<tr>
<td>12/1/2010</td>
<td>Kafalas, Costas</td>
<td>PRG 3</td>
<td>Advisor Program Director</td>
</tr>
<tr>
<td>12/1/2010</td>
<td>Hillman, Patrick</td>
<td>PRG 3</td>
<td>Advisor Program Director</td>
</tr>
<tr>
<td>12/1/2010</td>
<td>Jeff, McDonald</td>
<td>PRG 3</td>
<td>Advisor Program Director</td>
</tr>
<tr>
<td>12/1/2010</td>
<td>Sailor, Jerry</td>
<td>PRG 3</td>
<td>Advisor Program Director</td>
</tr>
<tr>
<td>12/1/2010</td>
<td>Riley, Annie</td>
<td>PRG 3</td>
<td>Advisor Program Director</td>
</tr>
</tbody>
</table>
Journal Assignments

Portfolio

Patient Care Experience

Start writing here...

Patrick Hillman

Wednesday, January 26, 2011

Due Date: 12/1/2010
Submitted On: ---

Instructions
Please describe your experience. Tell us what happened, how you reacted and what you would do differently next time.

Reviewers
Advisor, Program Director

Core Competencies
Journaling about this topic displays my competency in
- Patient Care
- Practice-Based Learning and Improvement
Scholarly Activity

Portfolio

“...residents must be given the opportunity to identify and perform appropriate learning activities...”
Scholarly Activity

Portfolio

Use existing resources such as information technology to expand learning
Scholarly Activity

Portfolio

**Activity Description:** Presented at Noon Conference

**Presenter(s):** Kay/Karl

**Title of Presentation:** Advances in Laparoscopic Procedures

**Date:** 1/27/2011

**City:** Akron, OH

**Core Competencies**

- [x] Patient Care
- [x] Medical Knowledge
- [ ] Practice-Based Learning and Improvement
- [x] Interpersonal and Communication Skills
- [x] Professionalism
- [ ] Systems-Based Practice

**Upload Files**

- File Name: laparoscopic_procedures_presentation.pdf
Scholarly Activity

Portfolio

- **Activity Description:** attended m&m
- **Activity Date:** 1/26/2011

**Core Competencies**
- Patient Care
- Medical Knowledge

**Upload Files**
- File Name

**Contributors**
- **Name:** Marvin Cope
- **Accepted:** Yes
“...residents must learn to communicate effectively with physicians, other health professionals...”
Conferences

**Q1**  Content met the Conference objectives
- Strongly Agree: 42% (3)
- Agree: 57% (4)
- Neutral: 0% (0)
- Disagree: 0% (0)
- Strongly Disagree: 0% (0)

**Q2**  Level of material was appropriate for the target audience
- Strongly Agree: 28% (2)
- Agree: 71% (5)
- Neutral: 0% (0)
- Disagree: 0% (0)
- Strongly Disagree: 0% (0)

**Q3**  Effective verbal communication (presented well, didn't read from slides, didn't appear rushed, not too much or too little information, demonstrated sufficient depth of knowledge)
- Strongly Agree: 28% (2)
- Agree: 57% (4)
- Neutral: 14% (1)
- Disagree: 0% (0)
- Strongly Disagree: 0% (0)
Delinquent Medical Records

Log Books

“...residents must spend time with the maintenance, and legibility of medical records to assess professionalism...”
Delinquent Medical Records

Log Books

Create/Edit Delinquent MRN List Entries

DEFAULT FIELDS

* Date of Log: 1/28/2011
* Logged By: Nurse, Surgery
* Status: Nurse

Save and Retain | Save and Clear | Cancel and Return

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Questions?