Easing the Transition: Orientation to Clinical Rotations

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Acknowledgements

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Workplace Learning

An experiential process that occurs through participation in the physical, social, and cultural activities of a workplace

Hypothesis

Residents beginning a variety of clinical rotations have similar orientation needs
Framework of Workplace Learning

1 Preparation to Participate in Authentic Tasks and Activities
Framework of Workplace Learning

2. Familiarization with Relationships in Clinical Settings
Framework of Workplace Learning

3

Introduction to Work Practices

“the way in which we do things around here”
Resident Survey: Rotation Orientation Needs

Please consider your experience on your current rotation when answering the following questions:

1. Please list at least 5 things you believe need to be covered prior to the first day of your current rotation.

   1. ___________________________________________________________
   2. ___________________________________________________________
   3. ___________________________________________________________
   4. ___________________________________________________________
   5. ___________________________________________________________
   6. ___________________________________________________________
   7. ___________________________________________________________
   8. ___________________________________________________________
   9. ___________________________________________________________
  10. ___________________________________________________________

2. What would be the best method to deliver this information to you prior to the first day of the rotation?
   - Email
   - Webpage
   - Resident updated wiki
   - Sign-out from outgoing resident
   - CLE
   - Didactic
   - Handout
   - Other: ___________________________________________________

3. Please list at least 5 things you believe need to be covered in an orientation on the first day of this current rotation.

   1. ___________________________________________________________
   2. ___________________________________________________________
   3. ___________________________________________________________
   4. ___________________________________________________________
   5. ___________________________________________________________
   6. ___________________________________________________________
   7. ___________________________________________________________
   8. ___________________________________________________________
   9. ___________________________________________________________
  10. ___________________________________________________________

4. What would be the best method to deliver this information to you on the first day of the rotation?
   - Email
   - Webpage
   - Resident updated wiki
   - Sign-out from outgoing resident
   - CLE
   - Didactic
   - Handout
   - Other: ___________________________________________________

5. Are there any additional things that need to be covered after the first day of this rotation? If yes, specify:

   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________

Demographic Data:

Your gender (circle one): M  F

Your age (in years): __________

Your Post-Graduate Year level (circle one): 1  2  3  4  5  6

Name of the rotation you are currently on (optional): __________________________
1. Please list **at least 5** things you believe need to be covered *prior to the first day* of your current rotation.

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 

4. What would be the most effective method to communicate this information?
   - Email
   - Webpage
   - Didactic
   - Handout

5. Are there any additional things that need to be covered *after* the first day of this rotation? If yes, specify: 

Demographic Data:
- Your gender (circle one): M/F
- Your age (in years): _____
- Your Post-Graduate Year level (circle one): 1 2 3 4 5 6
- Name of the rotation you are currently on (optional):
2. What would be the best method to deliver the information to you prior to the first day of the rotation?

- [ ] Email
- [ ] Webpage
- [ ] Didactic
- [ ] Resident updated wiki
- [ ] Handout
- [ ] Sign-out from outgoing resident
- [ ] Other: ____________________
3. Please list **at least 5** things you believe need to be covered **on the first day** of your current rotation.

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
4. What would be the best method to deliver the information to you on the first day of the rotation?

- Email
- Webpage
- Didactic
- Resident updated wiki
- Handout
- Sign-out from outgoing resident
- Other: ____________________
Demographic Data:
Your gender (circle one):  M  F
Your age (in years): ______
Your Post-Graduate Year level (circle one):  1  2  3  4
Name of the rotation you are currently on (optional): _____________________________
## Results

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Responses (N=112)</th>
<th>Response Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Medicine</td>
<td>67</td>
<td>39%</td>
</tr>
<tr>
<td>Anesthesia</td>
<td>40</td>
<td>56%</td>
</tr>
<tr>
<td>Unknown</td>
<td>5</td>
<td>--</td>
</tr>
</tbody>
</table>

Prior to 1\textsuperscript{st} Day: 531  
On 1\textsuperscript{st} Day: 384
Results

Prior to 1st Day

- Preparation to Participate in Authentic Tasks and Activities: 25
- Familiarization with Relationships in Clinical Settings: 54
- Introduction to Work Practice: 451
Results

- Preparation to Participate in Authentic Tasks and Activities:
  - Prior to 1st Day: 25
  - On 1st Day: 8

- Familiarization with Relationships in Clinical Settings:
  - Prior to 1st Day: 54
  - On 1st Day: 49

- Introduction to Work Practice:
  - Prior to 1st Day: 451
  - On 1st Day: 322

Legend:
- Blue: Prior to 1st Day
- Red: On 1st Day
Preparation to Participate in Authentic Tasks and Activities

Prior to the 1st day (n=25)
- Suggested pre-rotation reading

“What content should residents be familiar with prior to 1st day?”

“Essential knowledge base”

On the 1st day (n=8)
- Reading suggestions
- List of pertinent journal articles for rotation

“Books, articles you can consult as needed for additional background reading”
Familiarization with Relationships in Clinical Settings

Prior to the 1st day (n=54)

- Who covers whom
- Ward team structure
- Co-workers
- Roles and responsibilities

“Meeting people I am working with”
Familiarization with Relationships in Clinical Settings

On the 1st day (n=49)

- Team members/introductions
- Responsibilities of team members
- Meeting staff/support personnel
- Expectations for when to contact fellows/attendings

“Introduce people you’ll be working with”

“Introduce people who will be resources during the rotation”
Introduction to Work Practice

Prior to the 1st day (n=451)

- Where and when to meet on 1st day
- What to bring/equipment needed
- Schedule/expectations
- Computer login/password
- Parking, meals, call rooms
- Conferences/teaching times
- Paperwork and documentation

“Does my computer login still work?”

“Logistics – when and where to be on day 1”
Introduction to Work Practice

On the 1\textsuperscript{st} day (n=322)

- Daily schedule/structure
- Important paperwork
- Call rooms/lockers
- Food options
- Evaluations
- Hospital tour
- Bathrooms

“How to get common things done”
“Other”

- Prior to the 1st day (n=1)
- On the 1st day (n=5)

“How to be great”
Preferences for Receiving Orientation Information

- Prior to 1st day of rotation:
  - E-mail: 80%
  - Web site: 20%
  - Sign-out: 100%
  - Didactic/in-person: 0%
  - Handout: 0%
Preferences for Receiving Orientation Information

- Prior to 1st day of rotation
- On 1st day of rotation

- E-mail
- Web site
- Sign-out
- Didactic/in-person
- Handout
Discussion

• Findings are qualitatively different from current orientations
• Results contextualize the residents’ struggle with each rotation change
• Help focus and structure orientations
Discussion

• Demonstrate the framework for workplace learning is appropriate for orientation to clinical rotations in residency
• Identify and focus educational strategies
• Identify different learning styles
Liver Transplant Unit (LTU)

Orientation

Preparation for LTU tasks and activities
- Reading list
- How to present on rounds
- Presenting in transplant selection conference
- Forms

Relationships and roles
- Resident goals and objectives
- Resident roles and responsibilities
- LTU attendings
- Other LTU team members

Introduction to work practices
- Your first day
- Weekly schedule
Conclusion

- Residents from different specialties in a variety of clinical rotations have similar orientation needs.
- Orientation needs fit into a framework of workplace learning and should primarily focus on Introduction to Work Practices.
- Orientation information should be delivered by multiple methods but should focus on electronic methods prior to the rotation and in-person on the first day.