OSR Questionnaire: Use of Simulation Center in Pre-Clinical Medical Education

Compiled by: Piotr Jurgielewicz

**Number of responses:** 34 OSRs from the following institutions:

- Central Michigan University College of Medicine
- Charles E Schmidt College of Medicine at Florida Atlantic University
- USC Keck School of Medicine
- University of Arizona Tucson
- University of Toledo
- UCLA/DGSOM
- Albany Medical College
- Tulane University
- UC San Diego
- Michigan State University College of Human Medicine
- UASOM
- UCSD School of Medicine
- OUWB School of Medicine
- Medical University of South Carolina
- Rush Medical College
- University of South Dakota
- University of Cincinnati
- University of Arizona College of Medicine Phoenix
- University of California, San Francisco
- MUSC
- New York Medical College
- Rutgers New Jersey Medical School
- University of Utah SOM
- West Virginia University School of Medicine
- UT Southwestern Medical Center
- NYU
- University of Miami
- Indiana University
- UAB
- Geisel School of Medicine at Dartmouth
- SLU
- FIU HWCOM
- University of Missouri
- Lewis Katz School of Medicine at Temple University

**"Does your school have a simulation center"**

- Yes 97%
- No 3%

**"Do you have simulations in conjunction with lecture"**

- Yes 68%
- No 23%
- Sometimes 9%
Past Examples Of Simulations By Medical Subject:

<table>
<thead>
<tr>
<th>Cardiovascular</th>
<th>Pulmonary</th>
<th>Anatomy/ Musculoskeletal</th>
<th>Endocrinology &amp; Reproduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shock Etiology &amp; Management</td>
<td>Acute Respiratory Decompensation</td>
<td>Brachial Plexus Exploration (Virtual)</td>
<td>Ectopic Pregnancy</td>
</tr>
<tr>
<td>SVT</td>
<td>ARDS</td>
<td>Muscle Ache, Pain and Injury</td>
<td>Sexual Assault</td>
</tr>
<tr>
<td>Chest Pain/ACS</td>
<td>Pneumothorax</td>
<td>Arterial Line Insertion</td>
<td></td>
</tr>
<tr>
<td>Heart Sounds</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cardiac Arrest</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Nephrology</th>
<th>Neurology/Psychiatry</th>
<th>Biochemistry/ Immunology/ Infectious Disease</th>
<th>Gastroenterology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kidney, Bladder and Genitourinary System Ultrasound</td>
<td>Psychotic Patient Management</td>
<td>Anaphylaxis</td>
<td>Hemorrhagic Pancreatitis post ERCP</td>
</tr>
<tr>
<td>Kidney Physiology</td>
<td></td>
<td>Patient with Chronic Myeloid Leukemia</td>
<td>NG Tube Placement</td>
</tr>
<tr>
<td>Acute Kidney Injury</td>
<td></td>
<td>Pneumonia</td>
<td>Colon Cancer</td>
</tr>
</tbody>
</table>

"How many simulation sessions have you had during your pre-clinical years"
"Who organizes these simulations"

- Professors/Attendings: 30
- Residents: 2
- Medical Students: 1

"Do students at your institution find these simulation sessions to be helpful"

- Yes: 88%
- No: 9%
- Not Sure: 3%
'"Do you think students at your institution would like to see more simulations that reinforce basic science material\"'

- Yes: 73%
- No: 9%
- Not Sure: 6%
- Already have a high number: 12%