CME Needs Assessment Summary
2016-2017

Creation Date: 1/11/2017
Total Respondents: 73

1. How do you utilize CME?

1. Provide information to patients 29 41%
2. Put new knowledge into practice 50 70%
3. To stay up-to-date 65 92%
4. Better understand indications/contraindications 20 28%
5. Share the information with colleagues 20 28%
6. Other - please specify below 3 4%
Total Responses: 71

3. What areas of CME would best meet your educational needs?

1. ACLS 16 24% 16. Gynecology 7 10%
2. AIDS/HIV 7 10% 17. Hematology 12 18%
3. Allergy & Immunology 6 9% 18. HIPAA/EMTALA 4 6%
4. Asthma 14 21% 19. Infectious Disease 23 34%
5. Cardiology 21 31% 20. Informatics & Technology 2 3%
6. Compliance issues 5 7% 21. Nephrology 12 18%
7. Dementia 10 15% 22. Neonatology 0 0%
8. Diabetes 21 31% 23. Neurology 14 21%
10. End of Life Care 7 10% 25. Obstetrics 4 6%
11. Emergency Medicine 10 15% 26. Oncology 16 24%
12. Ethical issues 9 13% 27. Ophthalmology 6 9%
13. Gastroenterology 10 15% 28. Otolaryngology 4 6%
15. Geriatrics 8 12% 30. PALS 4 6%
Total Responses: 68
4. Continuing - What areas of CME would best meet your educational needs?

<table>
<thead>
<tr>
<th>Area</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient Safety</td>
<td>19 32%</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>16 27%</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>15 25%</td>
</tr>
<tr>
<td>Pulmonology</td>
<td>8 13%</td>
</tr>
<tr>
<td>Radiology</td>
<td>13 22%</td>
</tr>
<tr>
<td>Rheumatology</td>
<td>10 17%</td>
</tr>
<tr>
<td>Risk Management</td>
<td>4 7%</td>
</tr>
<tr>
<td>Robotic Surgery</td>
<td>3 5%</td>
</tr>
<tr>
<td>Urology</td>
<td>4 7%</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>6 10%</td>
</tr>
<tr>
<td>Other (please specify below)</td>
<td>7 12%</td>
</tr>
<tr>
<td><strong>Total Responses:</strong></td>
<td><strong>60</strong></td>
</tr>
</tbody>
</table>

6. What type CME is the most effective in helping you apply CME learning in your clinical practice?

<table>
<thead>
<tr>
<th>Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Rounds</td>
<td>50 69%</td>
</tr>
<tr>
<td>Formal live, didactic lectures</td>
<td>30 42%</td>
</tr>
<tr>
<td>CME on the Internet</td>
<td>21 29%</td>
</tr>
<tr>
<td>Journals and texts</td>
<td>31 43%</td>
</tr>
<tr>
<td>CME via DVD</td>
<td>8 11%</td>
</tr>
<tr>
<td>Small group discussions</td>
<td>13 18%</td>
</tr>
<tr>
<td>Hands-on workshop</td>
<td>22 31%</td>
</tr>
<tr>
<td>National association meetings</td>
<td>22 31%</td>
</tr>
<tr>
<td>Printed enduring materials</td>
<td>9 12%</td>
</tr>
<tr>
<td>CDs audio only</td>
<td>7 10%</td>
</tr>
<tr>
<td>Videoconference or teleconference</td>
<td>6 8%</td>
</tr>
<tr>
<td>Online literature searches</td>
<td>8 11%</td>
</tr>
<tr>
<td>Web X</td>
<td>3 4%</td>
</tr>
<tr>
<td>Local medical meetings</td>
<td>15 21%</td>
</tr>
<tr>
<td>Local association meetings</td>
<td>6 8%</td>
</tr>
<tr>
<td>Other (please specify below)</td>
<td>2 3%</td>
</tr>
<tr>
<td><strong>Total Responses:</strong></td>
<td><strong>72</strong></td>
</tr>
</tbody>
</table>

9. Which of these items provide the greatest interest in your selection of CME activities?

<table>
<thead>
<tr>
<th>Item</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>New diagnostic approaches</td>
<td>42 58%</td>
</tr>
<tr>
<td>New drugs and/or drug therapies</td>
<td>32 44%</td>
</tr>
<tr>
<td>Practice management</td>
<td>31 43%</td>
</tr>
<tr>
<td>New procedures</td>
<td>21 29%</td>
</tr>
<tr>
<td>New therapeutic and management approaches</td>
<td>40 56%</td>
</tr>
<tr>
<td>New medical devices</td>
<td>11 15%</td>
</tr>
<tr>
<td>Obtain CME credits to maintain license</td>
<td>26 36%</td>
</tr>
<tr>
<td>Network with colleagues</td>
<td>8 11%</td>
</tr>
<tr>
<td>Refresher on common clinical problems</td>
<td>32 44%</td>
</tr>
<tr>
<td>Refresher on difficult clinical problems</td>
<td>23 32%</td>
</tr>
<tr>
<td>Other (please specify below)</td>
<td>0 0%</td>
</tr>
<tr>
<td><strong>Total Responses:</strong></td>
<td><strong>72</strong></td>
</tr>
</tbody>
</table>
11. What sources help you identify CME activities?

1. Direct mail 23 32%
2. Internet sites 31 44%
3. Information shared with colleagues 20 28%
4. Organizational publications and/or journals 24 34%
5. E-mail messages 52 73%
6. Government publications 1 1%
7. Text messages 3 4%
8. Other (please specify below) 0 0%

Total Responses: 71

14. What is the best way for CME to communicate with you regarding future CME activities that might be of interest to you?

1. Brochure in the mail 16 22%
2. Text message 9 12%
3. E-mail message 66 92%
4. Cell phone 3 4%
5. Office phone 1 1%
6. Twitter 0 0%
7. Facebook 0 0%
8. Other (please specify below) 1 1%

Total Responses: 72

16. Please indicate your birth year.

1. 1925-1933 0 0%
2. 1934-1946 1 1%
3. 1947-1964 21 30%
4. 1965-1980 24 34%
5. 1981 and beyond 25 35%

Total Responses: 71

Mean: 4.03 Standard Deviation: 0.84

17. Where are you credentialled?

1. Marshall Health 64 90%
2. CHH 56 79%
3. SMMC 23 32%
4. VAMC 18 25%

Total Responses: 71
CME Needs Assessment Summary 2016-2017

18. Have you completed a CME Disclosure Form this year?

1. Yes 40 59%
2. No 28 41%
Total Responses: 68
Mean: 1.41 Standard Deviation: 0.50

19. Do you have any Conflicts of Interest that would prevent you from participating in planned events?

1. Yes 1 1%
2. No 70 99%
Total Responses: 71
Mean: 1.99 Standard Deviation: 0.12

20. Where are you licensed?

1. West Virginia 69 100%
2. Ohio 14 20%
3. Kentucky 6 9%
4. Virginia 1 1%
5. Maryland 0 0%
6. Pennsylvania 2 3%
7. New York 2 3%
8. North Carolina 1 1%
9. Other state (please specify below) 5 7%
Total Responses: 69

22. Have you completed the 3 hour WV licensure requirement on Drug Diversion or Prescribing of Controlled Substances?

1. Yes 55 80%
2. NO 15 22%
Total Responses: 69
23. If you answered No. Do you know that the Drug Diversion training is available on the CME website via the link on the Events Calendar? http://jcesom.marshall.edu/continuing-medical-education/eve

1. Yes 8 31%
2. No 18 69%
Total Responses: 26

25. You are a.....

1. Physician 56 78%
2. Resident 14 19%
3. Pharmacist 0 0%
4. Nurse 0 0%
5. Basic Scientist 0 0%
6. Medical Student 0 0%
7. Medical Staff 0 0%
8. Dentist 0 0%
9. Other health professional (please specify below) 2 3%
Total Responses: 72
Mean: 1.42 Standard Deviation: 1.35

27. Breast Cancer Conference

1. Very Dissatisfied 1 6%
2. Dissatisfied 1 6%
3. Neutral 5 29%
4. Satisfied 5 29%
5. Very Satisfied 5 29%
Total Responses: 17

28. Cardiology Basic Science

1. Very Dissatisfied 1 7%
2. Dissatisfied 0 0%
3. Neutral 3 21%
4. Satisfied 8 57%
5. Very Satisfied 2 14%
Total Responses: 14
CME Needs Assessment Summary 2016-2017

29. Cardiology Cath

- Very Dissatisfied: 1 (8%)
- Dissatisfied: 2 (17%)
- Neutral: 4 (33%)
- Satisfied: 3 (25%)
- Very Satisfied: 2 (17%)

Total Responses: 12

30. Cardiology Journal

- Very Dissatisfied: 2 (17%)
- Dissatisfied: 0 (0%)
- Neutral: 5 (42%)
- Satisfied: 3 (25%)
- Very Satisfied: 2 (17%)

Total Responses: 12

31. Cardiology Disease M&M/CVT

- Very Dissatisfied: 1 (8%)
- Dissatisfied: 0 (0%)
- Neutral: 6 (50%)
- Satisfied: 4 (33%)
- Very Satisfied: 1 (8%)

Total Responses: 12

32. Cardiology Nuclear

- Very Dissatisfied: 1 (9%)
- Dissatisfied: 1 (9%)
- Neutral: 4 (36%)
- Satisfied: 5 (45%)
- Very Satisfied: 1 (9%)

Total Responses: 11
33. ECCC Med Oncology GR & Core Lectures

- Very Dissatisfied: 1 (8%)
- Dissatisfied: 0 (0%)
- Neutral: 5 (38%)
- Satisfied: 4 (31%)
- Very Satisfied: 3 (23%)

Total Responses: 13

34. Echo Conference

- Very Dissatisfied: 1 (9%)
- Dissatisfied: 0 (0%)
- Neutral: 5 (45%)
- Satisfied: 3 (27%)
- Very Satisfied: 2 (18%)

Total Responses: 11

35. EKG Cardiology Conference

- Very Dissatisfied: 1 (8%)
- Dissatisfied: 0 (0%)
- Neutral: 7 (58%)
- Satisfied: 3 (25%)
- Very Satisfied: 1 (8%)

Total Responses: 12

36. Family Practice Grand Rounds

- Very Dissatisfied: 1 (8%)
- Dissatisfied: 1 (8%)
- Neutral: 5 (38%)
- Satisfied: 3 (23%)
- Very Satisfied: 3 (23%)

Total Responses: 13
CME Needs Assessment Summary 2016-2017

41. Lung Cancer Conference

1. Very Dissatisfied 0 0%
2. Dissatisfied 0 0%
3. Neutral 4 33%
4. Satisfied 6 50%
5. Very Satisfied 3 25%
Total Responses: 12

42. Medical Grand Rounds

1. Very Dissatisfied 0 0%
2. Dissatisfied 0 0%
3. Neutral 6 23%
4. Satisfied 13 50%
5. Very Satisfied 7 27%
Total Responses: 26

43. Multi-Institutional Sarcoma Board

1. Very Dissatisfied 0 0%
2. Dissatisfied 0 0%
3. Neutral 5 42%
4. Satisfied 5 42%
5. Very Satisfied 2 17%
Total Responses: 12

44. Neurology Grand Rounds

1. Very Dissatisfied 0 0%
2. Dissatisfied 1 6%
3. Neutral 6 35%
4. Satisfied 7 41%
5. Very Satisfied 4 24%
Total Responses: 17
45. Neuro Surgery

1. Very Dissatisfied: 1 (10%)
2. Dissatisfied: 1 (10%)
3. Neutral: 6 (60%)
4. Satisfied: 1 (10%)
5. Very Satisfied: 1 (10%)
Total Responses: 10

46. OB/GYN Grand Rounds

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 7 (50%)
4. Satisfied: 1 (7%)
5. Very Satisfied: 6 (43%)
Total Responses: 14

47. OB/GYN M&M Perinatal

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 1 (7%)
3. Neutral: 6 (43%)
4. Satisfied: 1 (7%)
5. Very Satisfied: 6 (43%)
Total Responses: 14

48. Orthopaedics Grand Rounds

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 1 (8%)
3. Neutral: 6 (50%)
4. Satisfied: 2 (17%)
5. Very Satisfied: 3 (25%)
Total Responses: 12
49. Pediatric Grand Rounds

1. Very Dissatisfied 1 5%
2. Dissatisfied 0 0%
3. Neutral 8 38%
4. Satisfied 5 24%
5. Very Satisfied 7 33%
Total Responses: 21

50. Pediatric Journal Club

1. Very Dissatisfied 1 9%
2. Dissatisfied 0 0%
3. Neutral 7 64%
4. Satisfied 2 18%
5. Very Satisfied 1 9%
Total Responses: 11

51. Pediatric Residents Lecture

1. Very Dissatisfied 0 0%
2. Dissatisfied 0 0%
3. Neutral 7 54%
4. Satisfied 5 38%
5. Very Satisfied 1 8%
Total Responses: 13

52. Professional Practice Review (CHH)

1. Very Dissatisfied 0 0%
2. Dissatisfied 1 11%
3. Neutral 6 67%
4. Satisfied 1 11%
5. Very Satisfied 1 11%
Total Responses: 9
53. Psychiatry Grand Rounds

1. Very Dissatisfied 0 0%
2. Dissatisfied 0 0%
3. Neutral 7 54%
4. Satisfied 4 31%
5. Very Satisfied 2 15%
Total Responses: 13

54. Pulmonary Conference

1. Very Dissatisfied 0 0%
2. Dissatisfied 0 0%
3. Neutral 5 45%
4. Satisfied 4 36%
5. Very Satisfied 2 18%
Total Responses: 11

55. Pulmonary Journal Club

1. Very Dissatisfied 0 0%
2. Dissatisfied 0 0%
3. Neutral 5 45%
4. Satisfied 5 45%
5. Very Satisfied 1 9%
Total Responses: 11

56. Pulmonary Pathology

1. Very Dissatisfied 0 0%
2. Dissatisfied 0 0%
3. Neutral 6 55%
4. Satisfied 2 18%
5. Very Satisfied 3 27%
Total Responses: 11
57. Pulmonary Research

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 6 (55%)
4. Satisfied: 3 (27%)
5. Very Satisfied: 2 (18%)
Total Responses: 11

58. Radiology Conference

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 6 (67%)
4. Satisfied: 2 (22%)
5. Very Satisfied: 1 (11%)
Total Responses: 9

59. Spine/Neuroscience

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 1 (9%)
3. Neutral: 8 (73%)
4. Satisfied: 1 (9%)
5. Very Satisfied: 1 (9%)
Total Responses: 11

60. Surgical Grand Rounds

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 6 (43%)
4. Satisfied: 7 (50%)
5. Very Satisfied: 1 (7%)
Total Responses: 14
61. Surgical GI Club

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 8 (57%)
4. Satisfied: 6 (43%)
5. Very Satisfied: 1 (7%)
Total Responses: 14

62. Surgical Journal Club

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 9 (64%)
4. Satisfied: 4 (29%)
5. Very Satisfied: 1 (7%)
Total Responses: 14

63. Surgical Perioperative

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 1 (7%)
3. Neutral: 6 (43%)
4. Satisfied: 6 (43%)
5. Very Satisfied: 1 (7%)
Total Responses: 14

64. Surgical Peds Trauma

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 1 (7%)
3. Neutral: 7 (50%)
4. Satisfied: 6 (43%)
5. Very Satisfied: 1 (7%)
Total Responses: 14
CME Needs Assessment Summary 2016-2017

65. Surgical Trauma

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 6 (55%)
4. Satisfied: 4 (36%)
5. Very Satisfied: 1 (9%)
Total Responses: 11

66. Surgical M&M

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 2 (13%)
3. Neutral: 6 (40%)
4. Satisfied: 6 (40%)
5. Very Satisfied: 1 (7%)
Total Responses: 15

67. Surgical Rounds (VAMC)

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 7 (78%)
4. Satisfied: 1 (11%)
5. Very Satisfied: 1 (11%)
Total Responses: 9

68. Tobacco Cessation (Outreach)

1. Very Dissatisfied: 1 (11%)
2. Dissatisfied: 1 (11%)
3. Neutral: 5 (56%)
4. Satisfied: 1 (11%)
5. Very Satisfied: 1 (11%)
Total Responses: 9
69. Tri-State Endocrinology Society

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 7 (64%)
4. Satisfied: 2 (18%)
5. Very Satisfied: 2 (18%)
Total Responses: 11

70. Tumor CHH

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 4 (44%)
4. Satisfied: 4 (25%)
5. Very Satisfied: 5 (31%)
Total Responses: 16

71. Tumor CHH-Breast

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 2 (14%)
4. Satisfied: 5 (36%)
Total Responses: 14

72. Tumor CHH-Lung

1. Very Dissatisfied: 0 (0%)
2. Dissatisfied: 0 (0%)
3. Neutral: 7 (58%)
4. Satisfied: 1 (8%)
5. Very Satisfied: 4 (33%)
Total Responses: 12
73. **Tumor SMMC**

```
1. Very Dissatisfied: 0 0%
2. Dissatisfied: 0 0%
3. Neutral: 7 64%
4. Satisfied: 2 18%
5. Very Satisfied: 2 18%
Total Responses: 11
```

74. **Tumor VAMC**

```
1. Very Dissatisfied: 0 0%
2. Dissatisfied: 0 0%
3. Neutral: 8 80%
4. Satisfied: 1 10%
5. Very Satisfied: 1 10%
Total Responses: 10
```

75. **Research Day Conference**

```
1. Very Dissatisfied: 0 0%
2. Dissatisfied: 3 8%
3. Neutral: 9 24%
4. Satisfied: 17 45%
5. Very Satisfied: 9 24%
Total Responses: 38
```

76. **Alumni Homecoming Conference**

```
1. Very Dissatisfied: 1 4%
2. Dissatisfied: 1 4%
3. Neutral: 11 44%
4. Satisfied: 6 24%
5. Very Satisfied: 6 24%
Total Responses: 25
```
CME Needs Assessment Summary 2016-2017

77. Risk Management

<table>
<thead>
<tr>
<th>Satisfaction Level</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very Dissatisfied</td>
<td>0 (0%)</td>
</tr>
<tr>
<td>Dissatisfied</td>
<td>3 (6%)</td>
</tr>
<tr>
<td>Neutral</td>
<td>15 (30%)</td>
</tr>
<tr>
<td>Satisfied</td>
<td>21 (42%)</td>
</tr>
<tr>
<td>Very Satisfied</td>
<td>12 (24%)</td>
</tr>
</tbody>
</table>

Total Responses: 50