2023 APCCMPD Annual Member Benchmarking Survey

HIGHLIGHTS
About the Survey

- Open January 8 - February 15, 2024
- Distributed to 295 Pulmonary, CCM, and PCCM PDs
- Response rate: n = 113 (40 %)
- Completion rate: n = 91 (80%)

PROGRAM CHARACTERISTICS
Gender of respondents

- Women: 42% in 2021, 42% in 2022, 35% in 2023
- Man: 56% in 2021, 45% in 2022, prefer not to say 2% in 2023
- Prefer not to say: 13% in 2021, 4% in 2022, 0% in 2023

Self-identified race of respondents

- Asian/Asian American: 12% in 2021, 16% in 2022, 16% in 2023
- Black/African American: 3% in 2021, 4% in 2022, 5% in 2023
- Hispanic, Latino, Latina, Latinx: 7% in 2021, 9% in 2022
- Caucasian/White: 56% in 2021, 55% in 2022
- Middle Eastern/Northern African: 5% in 2021, 3% in 2022, 3% in 2023
- Other: 11% in 2021, 5% in 2022, 5% in 2023
- Prefer not to disclose: 3% in 2021, 1% in 2022, 1% in 2023

n = 91
Academic rank of respondents

n = 91

Years in PD position

n = 91
Years in APD position prior to becoming PD

Plan to step down in the next 2 years (PDs)
Reason for stepping down (PDs)  n = 16

- Other Career Opportunity: 37% (2017), 23% (2022), 25% (2023)
- Shift in Personal Priorities: 33% (2017), 16% (2022), 6% (2023)
- Burden of Regulations: 5% (2017), 10% (2022), 7% (2023)
- Clinical Time Demands: 21% (2017), 14% (2022), 0% (2023)
- Research Time Demands: 21% (2017), 15% (2022), 0% (2023)
- Retirement: 21% (2017), 19% (2022), 19% (2023)
- Other: 19% (2017), 19% (2022), 19% (2023)

Program Type  n = 107

- PCCM: 79% (2023)
- CCM only: 15% (2023)
- Pulmonary only: 6% (2023)
Combined PCCM fellowships, have you offered occasional positions

- Yes: 43%
- No: 30%
- Always, we have a separate CCM only fellowship: 27%

Total Number of Fellows in Program

- <7: 34%
- 7-9: 31%
- 10-12: 25-27%
- 13-16: 22-24
- 17-18: 21-23
- 19-21: 20-22
- 28-30: 18-20
- 31-33: 16-18
- 34-36: 14-16
- >36: 12-14

n = 104

n = 81
To what extent does PD support meet the ACGME Requirements?

Compliance with ACGME Requirement

- Does not meet: 77%
- Meets: 19%
- Exceeds: 5%

Is support sufficient?

- Strongly Disagree: 8%
- Neutral: 50%
- Strongly Agree: 38%

Has Support Changed

- Increased: 63%
- Decreased: 33%
- No Change: 4%
Number of APDs for your fellowship

n= 107

Number of APDs by Program Size

n= 98
Amount salary support for role APD

Compliance with ACGME Requirement

- Does not meet: 1%
- Meets: 93%
- Exceeds: 6%

Has Support Changed

- Increased
- No

Is support sufficient?

- Does not meet: 15%
- Meets: 64%
- Exceeds: 16%

How is the APD position funded?

- No salary, protected or release time support: 25%
- Salary support allocated to Program Director, with a portion allocated to the Associate/Assistant Program Director, at the PDs discretion: 8%
- Separate source allocated to Associate Program Director, independent of that allocated to Program Director: 52%
- I don't know: 5%

2021  2022  2023
Recruiting & retaining Core Faculty is difficult due to insufficient funding

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Neutral</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>14%</td>
<td>26%</td>
<td>32%</td>
</tr>
<tr>
<td>20%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Core Faculty receive salary/protected or time support

<table>
<thead>
<tr>
<th>No</th>
<th>Yes, some core faculty</th>
<th>Yes, all core faculty</th>
<th>I don’t know</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>6%</td>
<td>33%</td>
<td>18%</td>
</tr>
<tr>
<td>Yes, some core faculty</td>
<td>64%</td>
<td>21%</td>
<td>16%</td>
</tr>
<tr>
<td>Yes, all core faculty</td>
<td>63%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>I don’t know</td>
<td>63%</td>
<td>4%</td>
<td>3%</td>
</tr>
</tbody>
</table>

n = 105

Min. number of months of research time for fellows

<table>
<thead>
<tr>
<th>None</th>
<th>1-3 mos.</th>
<th>4-6 mos.</th>
<th>7-9 mos.</th>
<th>10-12 mos.</th>
<th>13-17 mos.</th>
<th>18 mos.</th>
<th>&gt;18 mos.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7%</td>
<td>5%</td>
<td>8%</td>
<td>13%</td>
<td>5%</td>
<td>3%</td>
<td>4%</td>
<td>1%</td>
</tr>
<tr>
<td>23%</td>
<td>29%</td>
<td>28%</td>
<td>8%</td>
<td>3%</td>
<td>6%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>34%</td>
<td>29%</td>
<td>28%</td>
<td>8%</td>
<td>3%</td>
<td>6%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>33%</td>
<td>33%</td>
<td>33%</td>
<td>8%</td>
<td>3%</td>
<td>6%</td>
<td>3%</td>
<td>3%</td>
</tr>
</tbody>
</table>

n = 96
% of fellows extend their fellowship beyond three years for additional research training.

n = 96

***ICU Staffing***
Number of **required** in-house nights for fellows annually

- **Fellows compensated?**
  - Yes: 11%
  - No: 73%
  - N/A, not required: 23%

<table>
<thead>
<tr>
<th>Year</th>
<th>0-7</th>
<th>8-14</th>
<th>15-21</th>
<th>22-28</th>
<th>29-35</th>
<th>36-42</th>
<th>43-48</th>
<th>&gt;48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>15</td>
<td>10</td>
<td>15</td>
<td>10</td>
<td>5</td>
<td>2</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Year 2</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>15</td>
<td>10</td>
<td>5</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Year 3</td>
<td>15</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>25</td>
<td>20</td>
<td>15</td>
<td>10</td>
</tr>
</tbody>
</table>

Are fellows taking nights without in-house CCM faculty immediately available?
- Yes: 42%
- No: 58%

Do faculty receive additional compensation for supervising fellows during required in-house shifts?
- Yes: 11%
- No: 89%

n = 104
n = 80
Percentage of Fellows who met your Program’s Standards for Performing Procedures Independently and Competently by Graduation

Trach | CC US | EBUS | PleuxX Cath

- 100%
- 76-99%
- 51-75%
- 26-50%
- 1-25%
- 0%
Number of Procedures Performed Over Course of Fellowship

Bedside Tracheostomy (N=91)

Pleural Catheters (N=73)

EBUS (N=73)

Procedural assessment method used to assess fellow competency
To what extent do you have faculty **expertise** and **time** to teach and supervise your fellows to achieve competent, independent performance by graduation

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Sufficient Faculty Expertise</th>
<th>Sufficient Dedicated Time to Teach and Supervise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trach</td>
<td>73%</td>
<td>53%</td>
</tr>
<tr>
<td>CC US</td>
<td>92%</td>
<td>80%</td>
</tr>
<tr>
<td>EBUS</td>
<td>93%</td>
<td>90%</td>
</tr>
<tr>
<td>PleurX Catheter</td>
<td>90%</td>
<td>70%</td>
</tr>
</tbody>
</table>
Who trains your fellows in EBUS?

- Board-Certified IP
- A non-IP trained faculty member
- Both

Who assess competency of your fellows in EBUS?

- Board-Certified IP
- A non-IP trained faculty member
- Both

ABIM should include Endobronchial Ultrasound – guided biopsy as a required procedure for Pulmonary board eligibility

- Strongly Disagree: 15%
- Neutral: 19%
- Strongly Agree: 25%
- Strongly Disagree: 18%

n= 66
n= 73
How many graduating fellows consistently demonstrated competent and independent performance by year-end

Insert a PAC

Interpret and Apply Findings from PAC

n = 100
In which setting do fellows learn to insert PAC?

(n=100)

<table>
<thead>
<tr>
<th>Setting</th>
<th>Insert</th>
<th>Interpret &amp; Apply</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICU</td>
<td>53</td>
<td>64</td>
<td>20</td>
</tr>
<tr>
<td>CICU</td>
<td>39</td>
<td>69</td>
<td>18</td>
</tr>
<tr>
<td>Other ICU</td>
<td>40</td>
<td>69</td>
<td>28</td>
</tr>
<tr>
<td>Cath Lab</td>
<td>52</td>
<td>54</td>
<td>14</td>
</tr>
<tr>
<td>Didactic Teaching</td>
<td>28</td>
<td>75</td>
<td>19</td>
</tr>
<tr>
<td>Simulation Based</td>
<td>14</td>
<td>27</td>
<td>27</td>
</tr>
</tbody>
</table>

Fellowship Curriculum

TOPIC 7
Does your Program Provide Training in health equity, healthcare disparities, and healthcare justice?

Yes 66%
No 34%

n= 91
Questions?