Advanced Practitioner Society for Hematology and Oncology:
2014 Practice Survey

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Disclosures

§ Dr. Campen has owned stock from AbbVie.
§ Ms. Hylton has nothing to disclose.
§ Ms. Kurtin has been a consultant for Celgene, Onyx, Millenium, Incyte, and Novartis.
§ Ms. Viale has nothing to disclose.
§ Ms. Vogel has been a part of speakers bureaus for Novartis, Celgene, Genentech, Lilly, Onyx/Bayer, and Regeneron/Sanofi.

Learning Objectives

After completing this educational activity, participants should be able to:

§ Describe selected characteristics of advanced practitioners in oncology, including demographics, practice settings and practice model, billing and prescriptive authority, professional affiliations, patient advocacy and political action activities, perceived practice barriers, and preferences for education.
§ Discuss the goals, mission, and vision for APSHO.
§ Participate in a panel discussion to assist in prioritization of APSHO initiatives that foster individual professional development and the growth and development of APSHO.
§ Consider participation in an APSHO committee or task force.
Details

- Created in SurveyMonkey
- Distributed via e-mail through ExactTarget
- Open August 1—September 12, 2014
- Fielded to 340 APSHO members
- 125 Respondents—37% response rate

Profession

- Nurse practitioner
- Pharmacist
- Clinical nurse specialist
- Physician assistant
- Other

N=125

State of Licensure

- Northeast
- South
- West
- Midwest
- South

N=125
Advanced Practice Experience: Oncology

- Over 20 years
- 10-20 years
- 5-10 years
- 3-5 years
- 1-3 years
- 0 years

N=118

Current Salary

- Over $100,000
- $85,000 to $100,000
- $70,000 to $85,000
- $55,000 to $70,000
- $40,000 to $55,000
- Less than $40,000

N=118

Hours Worked in a Typical Week as an Advanced Practitioner

- More than 40 hours per week
- 30-40 hours per week
- 20-30 hours per week
- 10-20 hours per week
- 0-10 hours per week

N=118
How do you see your patients?

- Independently
- In collaboration with an MD at the same visit
- A blended model that includes both independent and collaborative visits
- As part of an interdisciplinary team

Blended model: independently, with MD, interdisciplinary team

How many physicians do you work with directly?

- Over 10
- 5 to 10
- 3 to 5
- 2 to 3
- 1
- 0

Do You Bill for Services?

- Yes, independently
- Yes, “incident to”
- Yes, combined
- No

N=110
Time Spent in AP Role (>50%)

- Hem/Onc outpatient clinic, w/o BMT (54%)
- Hem/Onc inpatient clinic, w/o BMT (6%)
- Bone marrow transplant only (4%)
- Benign hematology (3%)
- Survivorship clinics (3%)
- Administrative work (7%)
- Academic (5%)
- Surgical oncology (1%)

Can You Order Opioids?

<table>
<thead>
<tr>
<th>Option</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>I can order a 30- or 15-day supply independently</td>
<td>66.7%</td>
</tr>
<tr>
<td>I can order opioids with a co-signature</td>
<td>2.9%</td>
</tr>
<tr>
<td>I cannot order opioids because of state practice laws</td>
<td>14.8%</td>
</tr>
<tr>
<td>I cannot order opioids because of institutional/practice regulations</td>
<td>1.9%</td>
</tr>
<tr>
<td>I cannot order opioids because of my current AP role</td>
<td>8.3%</td>
</tr>
<tr>
<td>Other</td>
<td>5.6%</td>
</tr>
</tbody>
</table>

How do you order chemotherapy?

- Order/sign chemotherapy independently
- Order/sign research chemotherapy independently
- According to an MD treatment plan
- Modifications to chemotherapy plan independently
- I do not sign chemotherapy orders

N=110
Autonomy in Ordering Medication

- Hormonal therapies: 30% Yes, 70% No
- Osteoporosis medication: 50% Yes, 50% No

Autonomy in Conducting Procedures

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Yes (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bone marrow biopsy</td>
<td>28.7</td>
</tr>
<tr>
<td>Bone marrow harvest</td>
<td>1.9</td>
</tr>
<tr>
<td>Lumber puncture (diagnostic only)</td>
<td>9.3</td>
</tr>
<tr>
<td>Lumber puncture with intrathecal administration</td>
<td>10.2</td>
</tr>
<tr>
<td>Ommaya reservoir access with intrathecal ctx</td>
<td>24.1</td>
</tr>
<tr>
<td>PICC line placement</td>
<td>6.5</td>
</tr>
<tr>
<td>Central line placement</td>
<td>1.9</td>
</tr>
<tr>
<td>Skin/breast punch biopsies</td>
<td>13.0</td>
</tr>
<tr>
<td>Suture of minor wounds</td>
<td>10.2</td>
</tr>
<tr>
<td>Paracentesis</td>
<td>8.3</td>
</tr>
<tr>
<td>Thoracentesis</td>
<td>5.6</td>
</tr>
<tr>
<td>None of the above</td>
<td>45.4</td>
</tr>
</tbody>
</table>

What Are You Doing Everyday?

- Pain and symptom management
- Visits for pts on active therapies
- Emergent care (sick walk-ins)
- Order routine chemotherapy
- Follow-up care for pts in remission
- Non–cancer-related primary care
Training Model Used in Your Practice

- Informal/on-the-job training
- Formal training program from practice
- Training resources developed by others
- Other
- Only hire APs with previous experience

For all newly hired APs; N=108

Active Members of Other Societies

- American Medical Association
- American Nurses Association
- American Pharmacists Association
- American Society of Clinical Oncology
- American Society for Clinical Oncology
- American Society for Radiation Oncology
- American Society of Hematology
- American Society for Therapeutic Radiology and Oncology
- Other

N=103

Other Organizations/Societies

- American Cancer Society
- Sigma Theta Tau
- National Association of Clinical Nurse Specialists
- International Myeloma Foundation
- International Association for the Study of Lung Cancer
- Leukemia/Lymphoma Foundation
- Lymphoma Research Foundation
- Susan G. Komen
- Multinational Association of Supportive Care in Cancer

11/1/14
Social Media Use

Yammer | Instagram | Twitter | LinkedIn | Facebook

0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90

What Pubs Are You Receiving?

0 | 10 | 20 | 30 | 40 | 50 | 60


N=84

What Are the Professional Barriers in Your Practice?

<table>
<thead>
<tr>
<th>Barrier</th>
<th>Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time spent on task that could be delegated to a non-AP staff</td>
<td>3.03</td>
</tr>
<tr>
<td>Insufficient administrative time</td>
<td>2.65</td>
</tr>
<tr>
<td>Insufficient support</td>
<td>2.37</td>
</tr>
<tr>
<td>Insufficient time to spend with patients</td>
<td>2.28</td>
</tr>
<tr>
<td>Insufficient mentoring</td>
<td>2.01</td>
</tr>
<tr>
<td>Insufficient training for my current practice setting</td>
<td>1.89</td>
</tr>
<tr>
<td>Insufficient autonomy</td>
<td>1.85</td>
</tr>
<tr>
<td>Other</td>
<td>1.50</td>
</tr>
</tbody>
</table>

Ranking from “Significant barrier” (5) to “Not a barrier” (1); N=103
### Preference for Professional Training/Enrichment

<table>
<thead>
<tr>
<th>Modality</th>
<th>Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-day educational conferences</td>
<td>5.97</td>
</tr>
<tr>
<td>Online courses</td>
<td>5.04</td>
</tr>
<tr>
<td>Professional journals</td>
<td>4.92</td>
</tr>
<tr>
<td>One-hour live presentations</td>
<td>4.32</td>
</tr>
<tr>
<td>Online webinars</td>
<td>3.93</td>
</tr>
<tr>
<td>Monographs</td>
<td>2.84</td>
</tr>
<tr>
<td>Other</td>
<td>1.41</td>
</tr>
</tbody>
</table>

Ranking from “Most preferred” (7) to “Least preferred” (1); N=99

### Areas of Interest for Professional Development

- Symptom management
- Tumor/disease-specific management
- Pharmacology, oncology-specific
- Primary care for the oncology patient
- Survivorship care
- Models of care/advanced practitioner integration

### JOIN US!

- Participate in committees
- Get involved in mentorship programs
- Exchange ideas with your colleagues
- Contribute to JADPRO