ASHP Practice Advancement Initiative 2030

Student Name

Student Society of Health-System Pharmacists Insert School Name

ashp
AGENDA

PAI History
PAI Engagement
PAI 2030 Themes
PAI 2030 Application
What is ASHP?

ASHP serves its members as their collective voice on issues related to medication use and patient safety.

- Founded in 1942
- Headquarters in Bethesda, MD
- 200+ Staff
- Elected Board of Directors and Officers
**Vision**
Medication use will be optimal, safe, and effective for all people all of the time

**Mission**
To help people achieve optimal health outcomes
Our Members

Pharmacists

Student Pharmacists

Pharmacy Technicians

60,000
“We always overestimate the change that will occur in the next two years and underestimate the change that will occur in the next ten. Don’t let yourself be lulled into inaction.”

-- Bill Gates
In 2010, an invitational summit was held to develop recommendations for practice. A total of 147 recommendations resulted, focused primarily on hospital settings.

In 2014, a summit was held to develop ambulatory care-specific recommendations for practice advancement. A total of 25 recommendations were made.

In 2015, the PPMI and ACS recommendations were combined to address both acute and ambulatory care settings. The initiative was rebranded to PAI.
The PAI Story

1. Engagement
   It has successfully engaged practitioners, leaders, students, technicians and others in assessing and advancing practice

2. Partnerships
   It has resulted in a great partnership with ASHP affiliates.... practice change is local

3. Practice Advancement
   Provided practice education, resources, strategic planning resources – with measurable results
PAI 2030

1. Many recommendations in PAI have been achieved
2. Healthcare landscape changes and disruptive trends
3. Expansion of services and practice opportunities
4. Technology enablers and population health

WHY?
Why does PAI matter to me?

1. **Advance Practice**
   It has successfully engaged practitioners, leaders, students, technicians and others in assessing and advancing practice.

2. **Network and Explore Career Options**
   Connect with the national PAI community as well as other SSHPs in their efforts to push the PAI initiative. Through this, explore unique and upcoming career paths within pharmacy [here](#).

3. **Recognize your SSHP**
   Incorporate PAI 2030 in at least one (1) SSHP activity (career development activities or professional development project). Ideas for incorporating PAI include can be found [here](#).
WHAT IS PAI 2030?

- 59 recommendations on providing optimal, safe, and effective medication use
- Aspirational guidance serving as a roadmap to pharmacy practice advancement
- Future-focused set of concepts looking beyond today’s barriers to change
PAI 2030 THEMES FOR PRACTICE CHANGE

- Optimize care via pharmacist-provided comprehensive medication management
- Integrate pharmacy enterprise for convenient and cost-effective care
- Increase public health opportunities in social determinants, chronic illness, and addiction
- Adopt personalized, targeted therapies
- Harness data to improve patient health
- Advance pharmacy technician roles
<table>
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<tr>
<th>Patient-Centered Care</th>
<th>Pharmacist Role, Education, and Training</th>
<th>Technology and Data Science</th>
<th>Pharmacy Technician Role, Education, and Training</th>
<th>Leadership in Medication Use and Safety</th>
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<tbody>
<tr>
<td>Shift from patient advocacy to patient and family activation</td>
<td>Increase in the credentialing and privileging of pharmacists in health systems</td>
<td>Harness data analytics to improve patient health</td>
<td>Foster development of professional career paths for pharmacy technicians</td>
<td>Advance use of pharmacogenomics information and lead medication stewardship activities</td>
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<td>Integrate pharmacy enterprise for convenient and cost-effective care</td>
<td>Proliferation of board certification in many practice areas</td>
<td>Augmented intelligence is an important developing technology that will impact operations and practice</td>
<td>Achieve a recognized scope of practice</td>
<td>Increase public health opportunities to address social determinants, chronic illness, and addiction</td>
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<tr>
<td>Optimize care via pharmacist-provided comprehensive medication management</td>
<td>Building of workforce skills in population health management and mental/behavioral health</td>
<td>Assessing patient care technologies to support optimal medication-use outcomes</td>
<td>Advance pharmacy technician roles to improve patient care access</td>
<td>Support the well-being and resiliency of pharmacy workforce</td>
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The ASHP Practice Advancement Initiative (PAI) 2030 includes 59 recommendations to promote optimal, safe, and effective medication use; expand pharmacist and technician roles; and implement the latest technologies.

Learn more about PAI 2030 at ASHP.ORG/PAI
Subdomains of PAI 2030 Recommendations
(Example: Technology and Data Science Domain)

C1. Patient care, population health
C2. Advanced analytics
C3. Emerging patient-care technologies
C4. Health information technology competency
C5. Telepharmacy services
C6. Technology-related medication-use safety standards
C7. Analytics resources
C8. Sterile product compounding technology
C9. High reliability designing and selecting health information technology
C10. Interoperable and transparent health information technology
C11. Standards for application of artificial intelligence (AI)
Patient Centered Care

1. Health-systems are becoming accountable for the entire patient care spectrum, including preventative health, acute care, and longitudinal ambulatory care

2. Shift from patient advocacy to patient and family activation

3. Continued growth of ambulatory care pharmacists and specialty pharmacist services to meet patient care needs
Patient-Centered Care

Practice
A5. Work as part of interprofessional care teams

Organization
A8. Patient centered care across the continuum of care

Profession
A14. Pharmacists should lead and advocate for comprehensive medication management in all healthcare settings.
Pharmacist Role, Education, and Training

1. Continuing education remains common practice vs. continuing professional development
2. Credentialing and privileging of pharmacists established in some health systems - not yet common practice nationally
3. Continued shortage in primary care providers and unmet patient care needs, especially in rural areas
4. Proliferation of board-certification in many practice areas. Gaps exist in some areas, such as informatics
5. Need to build workforce skills in population health management and mental and behavioral health
Pharmacist Role, Education, & Training

Practice

B2. Pharmacists should expand scope of practice to include prescribing to optimize patient care.

Organization

B6. Pharmacy practice leaders should ensure their workforce has the necessary knowledge and competency to adapt to emerging health care needs.

Profession

B9. Pharmacists in all care settings should be included as integral members of the health care team and share accountability for patient outcomes and population health.
Technology and Data Science

1. Health IT will continue to have a significant impact on the profession.
2. Advancements in healthcare technologies should support clinical, financial, and operational efficiencies.
3. Pharmacy informatics competencies important for all workforce not just specialists.
4. Pharmacy leaders are essential to the assessment, selection, and validation of new medication-use technologies.
5. Technology safety is an important consideration as we rely on technologies in practice.
6. Analytics strategies are key to navigating the substantial amount of contemporary medication-use information and applying these data to improvement.
7. AI/ML are important developing technologies that will impact operation and practice.
Technology & Data Science

Practice
C2. Foster the development and application of advanced analytics.
C3. Assess emerging technologies.

Organization
C5. Virtual pharmacy services should be deployed.
C7. Apply analytics to financial and clinical performances.

Profession
C9. Employ high-reliability principles when designing and selecting health information technology.
Pharmacy Technician Role, Education, and Training

1. Pharmacy technician participation in advanced roles in all practice settings
2. Responsibility for advanced technical and supporting activities
3. Completion of ASHP/ACPE-accredited technician education and training
4. Entry-level certification
5. Foster development of professional career path for pharmacy technicians
6. Achieving a recognized scope of practice including core competencies
Pharmacy Technician Role, Education, & Training

Practice

D1. Technicians should participate in advanced roles in a practice settings to promote efficiency and improve access to patient care.

D2. Technicians should have complete responsibility for advanced technical and supporting activities.

Organization

D5. Foster the development of professional career paths for pharmacy technicians.

Profession

D6. Define scope of practice.
Leadership in Medication Use and Safety

1. Pharmacists should lead pharmacogenomic and medication stewardship
2. Leadership should support staff well-being and resiliency
3. Support of interprofessional innovation centers
4. Support of diversity, equity and inclusion
5. Policy influence for individual patients and population health
6. Develop opportunities for interdisciplinary problem solving around patient care
Leadership in Medication Use & Safety

Practice

E1. Advance the use of pharmacogenomics.

E2. Assume leadership roles in medication stewardship at local, state, and national levels.

Organization

E4. Ensure evidence-based medication use.


E7. Strive to achieve equity, diversity, and inclusion in all technical, clinical, and leadership roles.

Profession

E12. Leaders in policy development.
PAI 2030

ASHP’s Practice Advancement Initiative 2030 includes tools and resources aimed at advancing pharmacy practice through the next decade.

Since its inception in 2010, ASHP’s Practice Advancement Initiative has resulted in a remarkable partnership with ASHP state affiliates, health systems, and pharmacists to help drive pharmacy practice change at a local level.
PAI 2030 Tools & Resources

www.ashp.org/pai

PAI 2030 Self-Assessment Tool

- Two tracks (Practitioner and Organization)
- Identify gaps with the PAI 2030 recommendations
- Create an action plan for adoption and implementation

Case Studies, Podcasts, Webinars

Testimonials on where pharmacy departments and pharmacists are making an impact implementing the PAI 2030 recommendations

State Affiliate Toolkit and Champion Approach

Awards and Research

- ASHP Best Practices Award
- ASHP Student Leadership Award
- ASHP Foundation Research Grants
PAI 2030 Self-Assessment Tool

Overview

ASHP’s Practice Advancement Initiative 2030 (PAI 2030) provides pharmacy teams with guidance for advancing healthcare, patient outcomes, and pharmacy practice through 59 recommendations.

The PAI 2030 Self-Assessment Tool is designed to help you determine how well your practice setting aligns with the PAI 2030 recommendations. The tool identifies areas where the PAI 2030 recommendations could have the biggest impact on your practice setting.

The survey format is applicable to both institutional and ambulatory care pharmacy practice settings. Participants can complete the assessment, which takes about 45 minutes, from the perspective of a single practitioner on an organization. The results will identify several areas for improvement. From there, a list of priorities for implementing change can be developed.

Please note that this assessment tool does NOT assist with therapeutic decision-making.

Tiered Scoring by Domain & Action Plan

ACCESS TO SELF-ASSESSMENT TOOL:
https://pai2030tool.ashp.org/

ASHP Podcast: Using the ASHP Practice Advancement Initiative (PAI) 2030 Self-Assessment Tool to Influence Practice Transformation
What is my SSHP’s role in PAI 2030?

**Study the PAI 2030 recommendations**
- Visit PAI 2030 website and review relevant publications
- Attend educational programming during ASHP conferences
- Complete PAI 2030 Self-Assessment Tool

**Promote the PAI 2030 Initiative**
- Engage in conversation with pharmacy leaders
- Bring the initiative to your SSHP meetings and discussions
- Participate in ASHP events, initiatives, and discussions of PAI 2030

**Propose student resources**
- Bring innovative projects and activities related to PAI 2030
- Exchange ideas with local SSHP leaders and nationwide colleagues
- Develop student resources (blogs, toolkits, event planners, timelines, etc.)
Key Takeaways

1. ASHP has streamlined and updated its recommendations for practice change in health-system pharmacy targeted toward the year 2030.

2. A wide range of individuals and organizations was engaged in the process resulting in 59 recommendations.

3. The recommendations take into account changes in the healthcare environment over the past decade, projected trends, and the pharmacy profession’s aspirations.