

FUTURE OF NURSING™

Campaign for Action

AT THE CENTER TO CHAMPION NURSING IN AMERICA



Robert Wood Johnson Foundation

AARP Foundation®

Progress on the Institute of Medicine

Recommendations:

(More) Evidence

SCOPE OF PRACTICE

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In February 2016, the *Campaign* presented

Perspectives on the Evidence,

showing how improved laws mean

improved health.

Even more evidence supports that today.

Joanne Spetz, PhD, FAAN

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Associate Director for Research at the
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Principal Investigator and Director, UCSF
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Term Care



- Highlight select new studies that provide evidence for the benefits of increased access to high-quality care.
- Discuss questionable conclusions in studies that compare physician and APRN practices.
- Review how political spending influences licensing laws.

The public has better access to high-quality care when nurse practitioners and other APRNs have full practice authority.

Improves Access to Care

A systematic review of state laws examined the impact of regulations on health care delivery.

Conclusion:

States with full practice authority have seen an increase in NPs, especially serving rural and vulnerable populations.

(Xue, Ye, Brewer, & Spetz, 2016)

NP participation in primary care is greatest in states that:

- Allow full practice authority.
- Pay 100 percent of the Medicaid rate.

(Barnes, et al., 2016)

Improves Access to Care

NPs made more house calls to Medicare patients in 2013 than all others delivering primary health care, including:

- Internists
- Family physicians
- Geriatricians
- General practitioners
- PAs

(Yao et al., 2016)

Improves Access to Care

National Ambulatory Medical Care Survey (NAMCS) data on NP- and physician-provided mental health visits in community health centers found:

- NPs provided more mental health-related visits for patients from racial-ethnic minorities and for Medicaid enrollees.
- NP care is comparable in most ways.

(Kurtzman & Barnow, 2017; Kurtzman et al., 2017; Yang et al., 2017)

NAMCS data also suggest:

- Quality of NP care does not vary significantly among states regardless of laws regulating NPs.
- NPs provided more education and counseling services in states with full practice authority.
- NPs in states with full practice authority were twice as likely to provide mental health visits, and three times more likely to prescribe psychotropic medications.

(Kurtzman & Barnow, 2017; Kurtzman et al., 2017; Yang et al., 2017)

Modernizing licensure laws is associated with improved population mental health.

Population Health Outcomes

Using data from 1990-2014, changes in NP prescriptive authority was compared to mental health outcomes.

Modernizing laws was associated with:

- Improvements in self-reported mental health.
- Decreases in mental health-related mortality, including suicides.

(Alexander & Schnell, 2016)

Care is more affordable when
APRNs have full practice
authority.

Evaluation and management: 29 percent lower
(Medicare claims analysis, Perloff, et al., 2016)

Well-child visits: 3 to 16 percent higher when
restrictions are in place—with no difference in
quality *(Kleiner et al., 2016)*

Malpractice payments by physicians: Up to 31
percent decrease between 1999 and 2012
following removal of scope of practice restrictions
(McMichael, Buerhaus, & Safriet, 2017)

But don't NPs order more
diagnostic tests than
physicians?

Two frequently cited studies with questionable conclusions:

- “NPs ordered more diagnostic tests than residents and attending physicians.” (*Hemani et al., 1999*)
- “Advanced practice clinicians are associated with more imaging services than PCPs for similar patients during E&M office visits. While increased use of imaging appears modest for individual patients, this increase may have ramifications on care and overall costs at the population level.” (*Hughes et al., 2015*)

A “natural experiment” occurred in Kaiser primary care clinics in Georgia.

Prior to 2008... NPs and PAs were paired with physicians to manage a patient panel.

In early 2008... Kaiser adopted physician-only primary care panels.

Between 2006 and 2010... there was an increase in

- Specialist referrals (45 percent)
- Hospital and emergency care utilization (15 percent)
- Advanced diagnostic imaging (70 percent)

(Liu, et al., 2017)

Three Studies, Major Limitations

A closer look at the studies leads to significant questions about methodology and findings.

For details, see the document titled “Three Studies.”

Higher spending by physician interest groups...

Increases the probability that a state maintains licensing laws restricting NP and PA practice.

Higher spending by hospital interest groups...

Increases the probability that a state allows NPs and PAs to practice with more autonomy.

(McMichael 2017)

Evidence As Strategy

Decades of research demonstrates APRNs provide high-quality care.

- Be prepared with evidence.
- Use evidence as a tactic to remove barriers.



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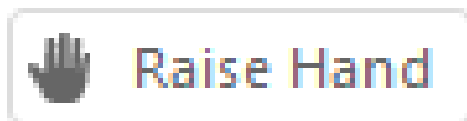
Questions or Comments?



**Press *1 on your telephone key pad to ask a question
(Please be sure to record your name after the prompt)**

OR

Use the “chat” feature to send “everyone” a question.



If you are having trouble asking a question, please click the “Raise Hand” button on the bottom right of your screen

You can find the recording, PowerPoint, and handouts by going to:
www.campaignforaction.org/webinars.

Resources

A LIBRARY AT YOUR FINGERTIPS

Help promote better health through nursing by tapping into hundreds of resources, including studies, toolkits, webinars, and other materials organized in the categories in which the *Campaign* pushes for action.

ISSUES

- Improving Access to Care
- Transforming Nursing Education
- Promoting Nursing Leadership
- Increasing Diversity
- Collecting Workforce Data
- Fostering Interprofessional Collaboration
- Building Healthier Communities

TOOLS & TIPS

- Academic Progression in Nursing (APIN)
- Advocacy
- Communications and marketing
- Funding opportunities
- Meetings
- Milestones (Dashboard indicators)
- News releases
- Organizational excellence
 - Fundraising
 - Internal operations
 - Stakeholder engagement
- Research
 - State Implementation Program (SIP)
 - Grantee projects
 - Grantee resources
- Webinars

keywords

BY STATE

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