

The Benefits of PD Champions in Dialysis Programs: *Do Doctors Matter?*

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Disclosures

Satellite Healthcare Employee
Equal opportunity dialyzer

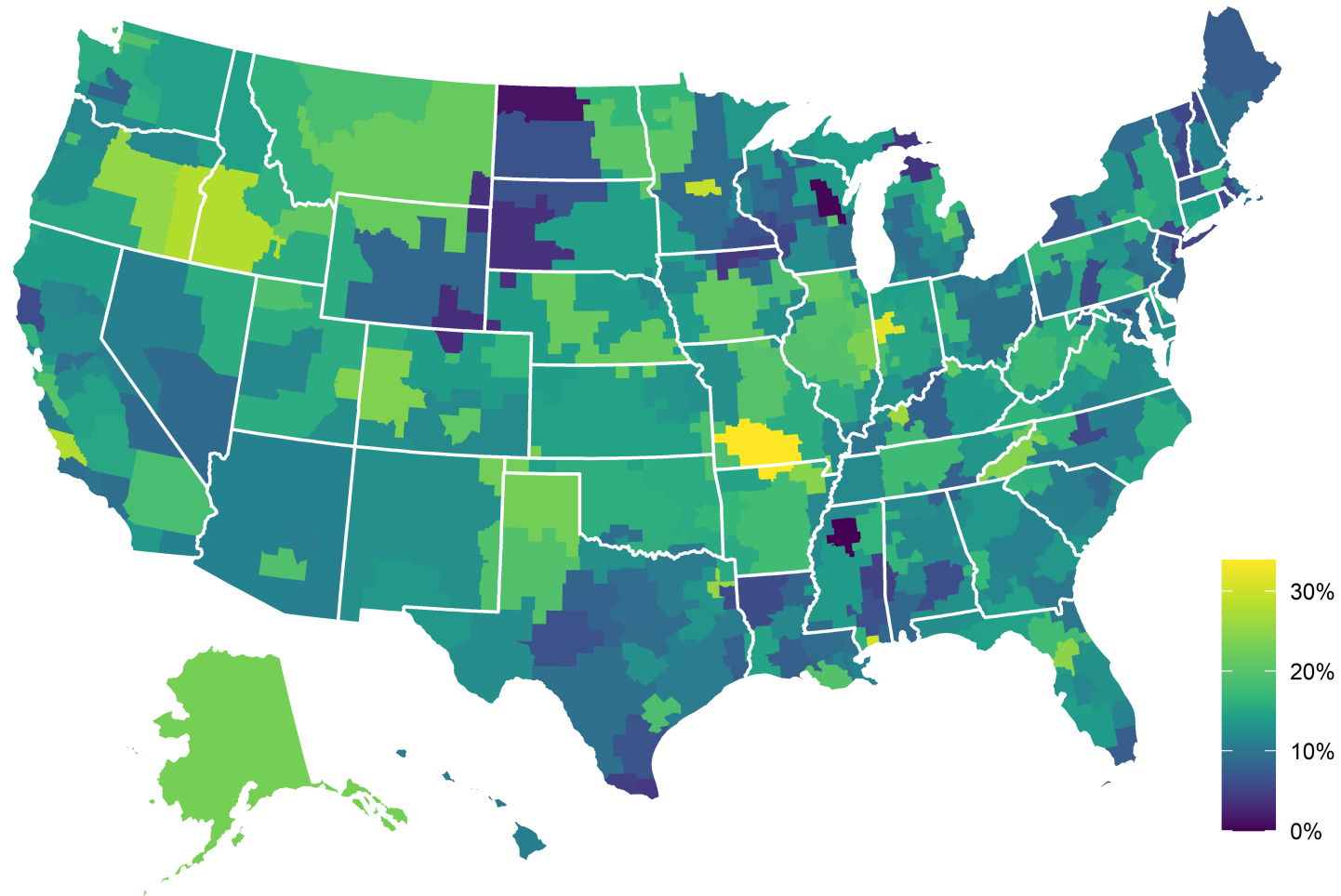
Agenda

This is not a new idea!

- Variation is the rule
- Physician Home Champions

Home Dialysis Utilization, by HRR

On December 31, 2017



Variation in Incident Modality

Data from a non-profit dialysis provider

Who are Physician Home Champions?

Key Characteristics

- Passionate
- Articulate
- Energetic
- Clinical expertise
- Educators
- Dialysis center management skills

Do Doctors Matter?

Yes!

“Who matters most?”: Clinician perspectives of influence and recommendation on home dialysis uptake

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39. Wuerth DB, Finkelstein SH, Schwetz O, Carey H, Kliger AS, Finkelstein FO. Patients' descriptions of specific factors leading to modality selection of chronic peritoneal dialysis or hemodialysis. Peritoneal dialysis international : journal of the International Society for Peritoneal Dialysis. 2002; 22 (2): 184–190.

Home Dialysis Training and Experience Among Nephrology Fellows

Methods



Survey developed to assess self-perceived confidence with home dialysis management among nephrology trainees in the US



Survey distributed to 110 trainees who attended ≥ 1 home dialysis conference



66% completed survey

Findings



Confidence with

- Home hemodialysis (HHD): **Low**
- Peritoneal dialysis (PD): **Moderate**

During Training:



3% used urgent-start PD for ≥ 1 patient



11% observed PD catheter insertion



59% attended a home dialysis continuity clinic

CONCLUSION: Self-perceived level of preparedness by nephrology trainees for managing home dialysis therapy is low for HHD and moderate for PD.

Nupur Gupta, Elizabeth B. Taber-Hight, and Brent W. Miller (2020)

@AJKDonline | DOI: 10.1053/j.ajkd.2020.09.014



Home Dialysis Fellowship Programs

- McMaster University Home dialysis 1 y
<https://fhs.mcmaster.ca/nephrores/fellowship-dialysis.htm>
- University of Toronto Home dialysis 6-12 mo
<http://www.deptmedicine.utoronto.ca/clinical-research-fellowships?listall¼1&divisions¼11>
- University of Alberta Home dialysis 1 y
<https://www.ualberta.ca/departmen-t-of-medicine/education/residency-programs/nephrology/home-dialysis>
- University of British Columbia Home dialysis 1 y
<https://nephrology.medicine.ubc.ca/programs/fellowship-program/home-dialysis-clinical-scholar-training-program/>

Icahn School of Medicine at Mt Sinai Home dialysis 1 y
<https://icahn.mssm.edu/about/departments/medicine/nephrology>

Luck Is What Happens When Preparation Meets Opportunity

Reduce risk of kidney failure

**Improve access to and quality of
person-centered treatments for
kidney failure**

**Increase access to
kidney transplants**

By 2030, ↓ new ESKD pts by 25%

By 2025, 80% new pts with
home dialysis or transplant

By 2030, double number of
kidneys available for transplant

ADVANCING AMERICAN

Kidney Health

Sub-Specialization in Nephrology

Current and Future Opportunities

ACKD
Advances in Chronic Kidney Disease

NATIONAL KIDNEY
FOUNDATION.



Onconeurology

Address kidney problems in cancer patients and provide a comprehensive care



Obstetrics nephrology

Expertise in various kidney disorders and transplant issues during pregnancy



Cardio-nephrology

Deals with cardiorenal syndromes and exposure with novel therapies



Uro-nephrology

Focuses on developing clinical acumen in urological diseases



Home-based dialysis

Learning of techniques in different modalities and complications management



Glomerular disorders

Primarily focused on treatment and evaluation of glomerular diseases

Conclusion: There is a need for training in nephrology subspecialties as areas of concentrations or extra years of fellowship training. Program specific mentors in each subspecialty should exist to foster curriculum development.

Reference:

Sachdeva M et al. Opportunities for Sub-Specializations in Nephrology. *Advances in Chronic Kidney Disease*. 2020.

Visual Abstract by Priti Meena, MD

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Fresenius Initiative

- Physician Home Champions
- <https://www.healio.com/news/nephrology/20200122/dialysis-providers-embrace-technology-to-improve-home-dialysis-care>

Larger Centers Do Better

- Peritonitis rates
- Technique failure