

# Wound Closure Rates: A Comparison Between APRN and PCP Treatment

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## Background

- APRNs are the fastest growing group of healthcare providers in the US.
- Is the care provided by APRNs the same as or better than that care provided by PCPs?
- Some argue that the care provided by APRNs is of higher quality.

Primary Care Physician

APRN

Which is Best?

## Conclusions



Wound Closure Rates Higher for APRNs



Wound Care Practices Different for APRNs and PCPs



APRNs Have Specialized Knowledge to Improve Wound Care

## Purpose

Comparison

APRN Wound Care

PCP Wound Care

To compare wound closure rates for patients with pressure injuries provided with care by an APRN certified in wound care or PCP.

## Methodology

Retrospective Chart Review: 60 Patients

30 Patients Provided with Care by PCP

30 Patients Provided with Care by APRN

Wound Healing Rates

## Results

PCP Wound Closure

76%

APRN Wound Closure

93%

Differences in Care noted:

- APRNs Addressed Offloading in Patient Care.
- APRNs Utilized Specialized Wound Care Products.

## References

- Buerhaus, P. I., DesRoches, C. M., Dittus, R., & Donelan, K. (2015). Practice characteristics of primary care nurse practitioners and physicians. *Nursing Outlook*, 63, 144-153. doi: 10.1016/j.outlook.2014.08.008
- Bodenheimer, T. S., & Smith, M. D. (2013). Primary care: Proposed solutions to the physician shortage without training more physicians. *Health Affairs*, 32(11), 1881-1886. doi: 10.1377/hlthaff.2013.0234
- Oliver, G. M., Pennington, L., Revelle, S., & Rantz, M. (2014). Impact of nurse practitioners on health outcomes of Medicare and Medicaid patients. *Nursing Outlook*, 62, 440-447. doi: 10.1016/j.outlook.2014.07.004
- Stanik-Hutt, J., Newhouse, R. P., White, K. M., Johantgen, M., Bass, E. B., ... Weiner, J. P. (2013). The quality and effectiveness of care provided by nurse practitioners. *Journal for Nurse Practitioners*, 9(8), 492-500. doi: 10.1016/j.nurpra.2013.07.004