

Influence of Nurse Practitioner Practice Restrictions on Chronic Disease Disparities

M B C P D RN FAAN
T F T C G R
U P S N
C H O P R



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• *Influence of Nurse Practitioner Practice Restrictions on Chronic Disease Health Disparities*

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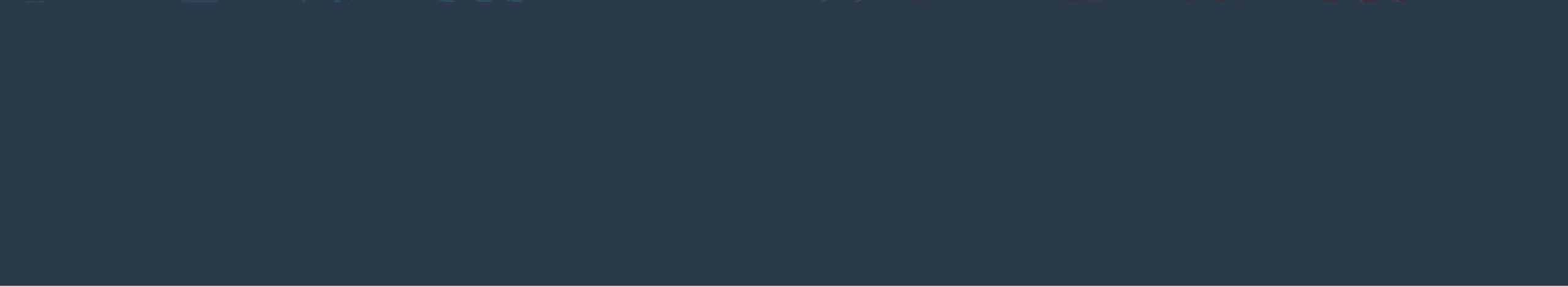
A

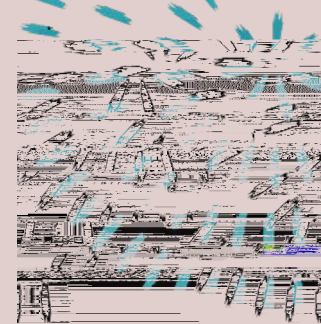
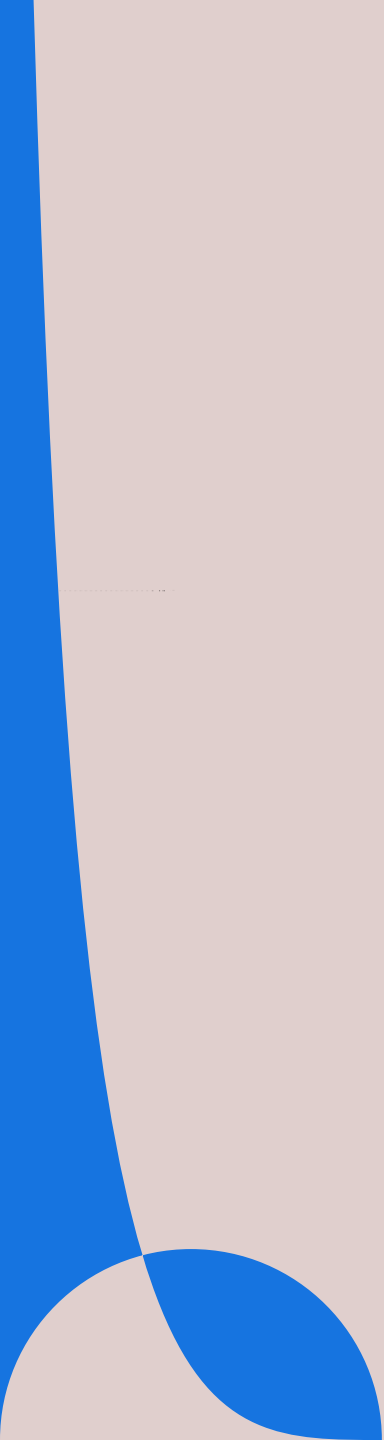
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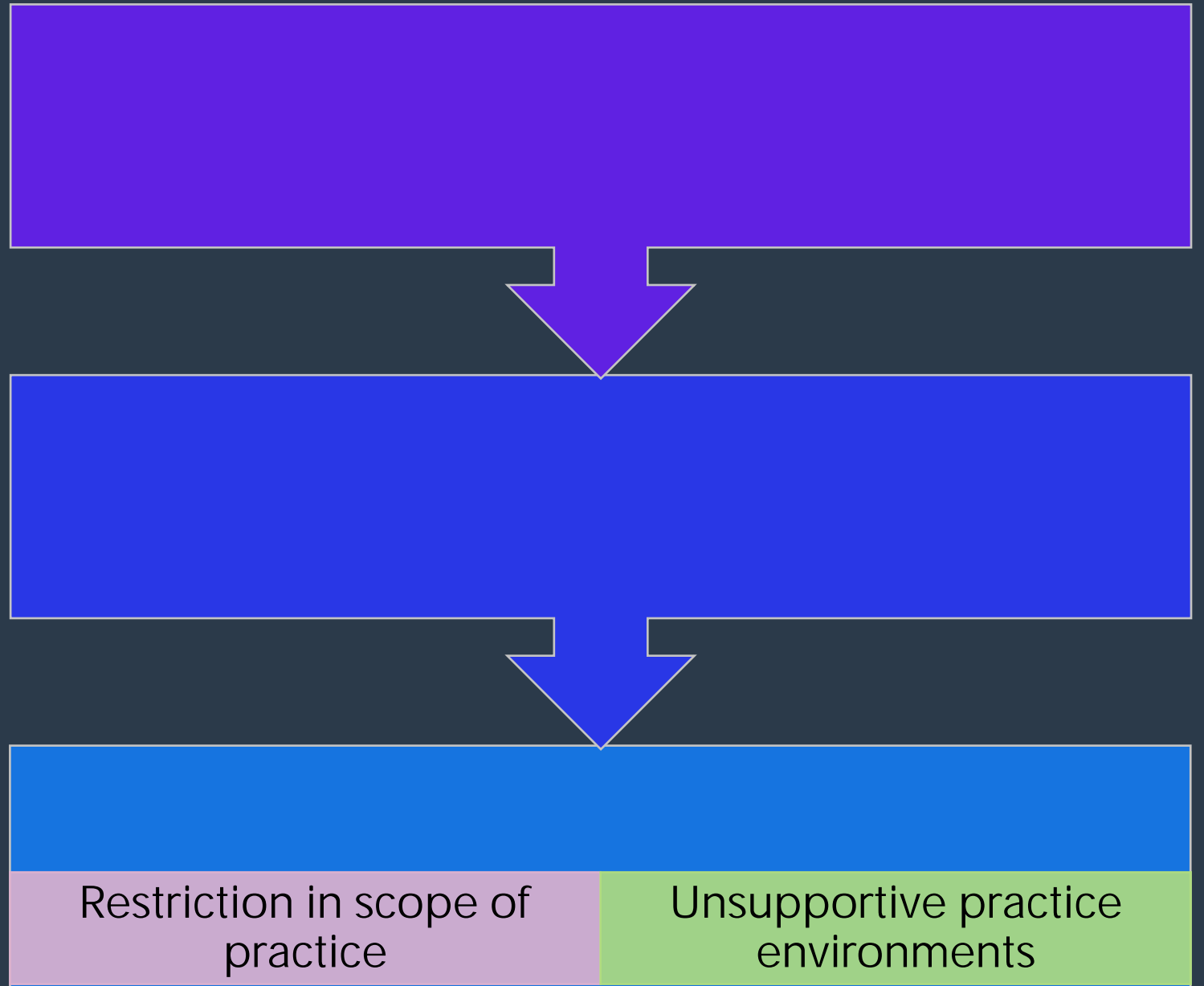
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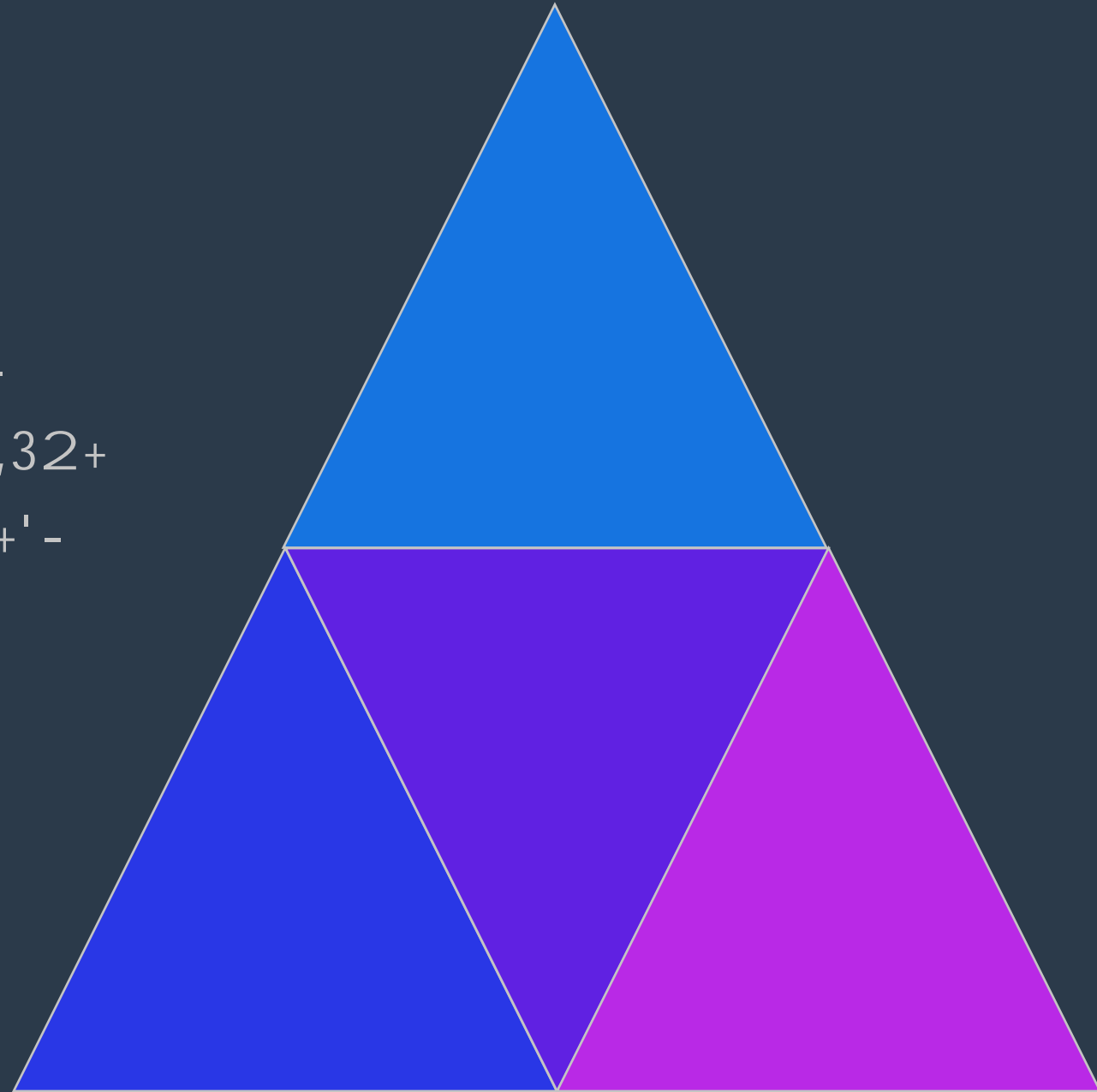


Nurse
practitioner-
delivered
care

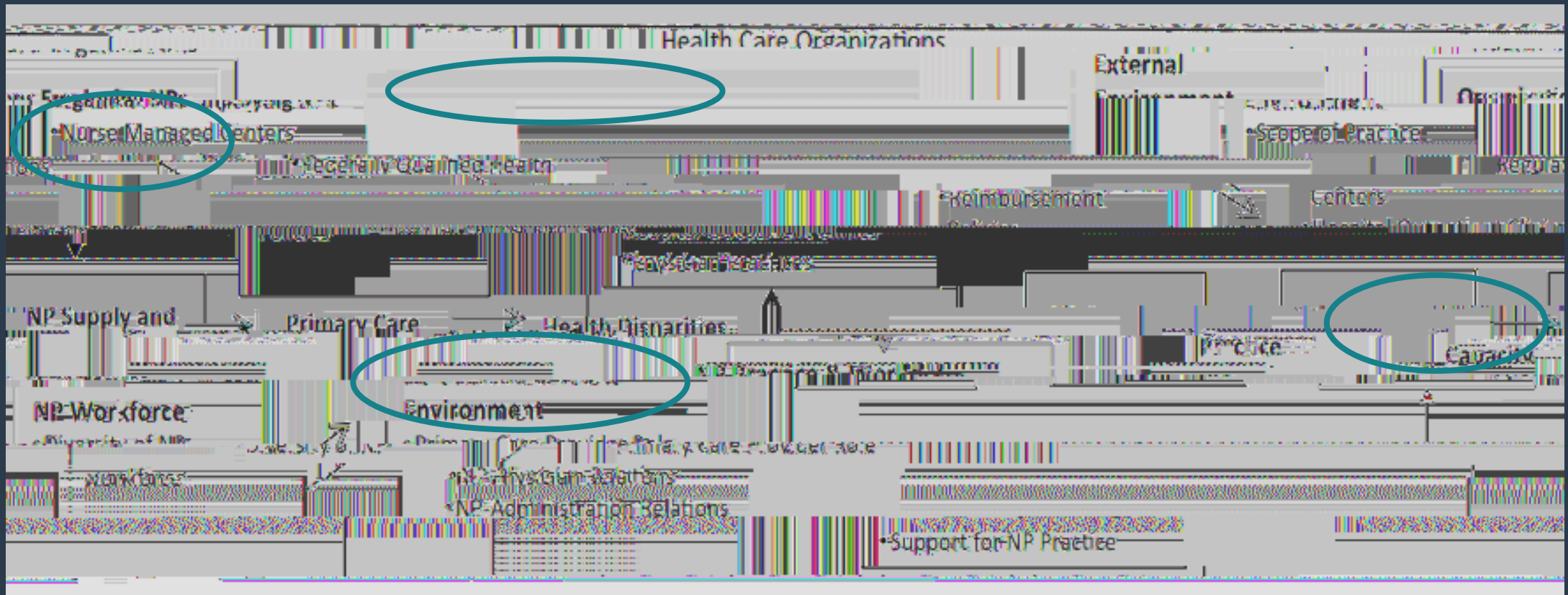


- B

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N e P a c e P a C a e O g a a a C a e
Q e a e N P P C O C Q P g h a e a



P a B Ca

Research question: Does the NP practice environment reduce racial disparities in LDL cholesterol screening between Black and White CAD patients?

C

RN CAST US NP e

SK A ca da aba e

Med ca e c a

ac a ca e ac ce NP
a e CA FL NJ PA

CAD a e

B ac a d W e

M a ab e e e de

l e ac e ace a d ac ce

e e

Outcome: Lipid screening

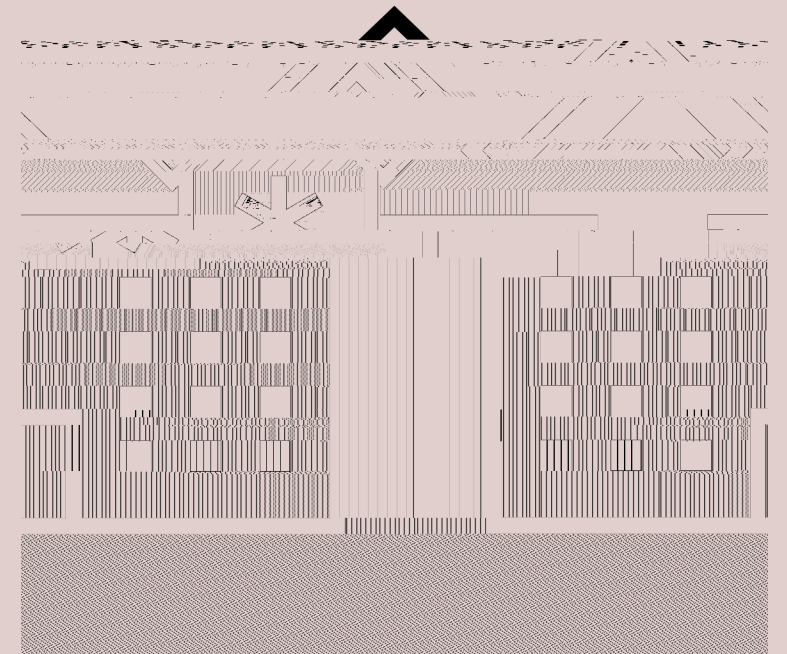
Primary explanatory variable: NP practice environment

Confounding variables

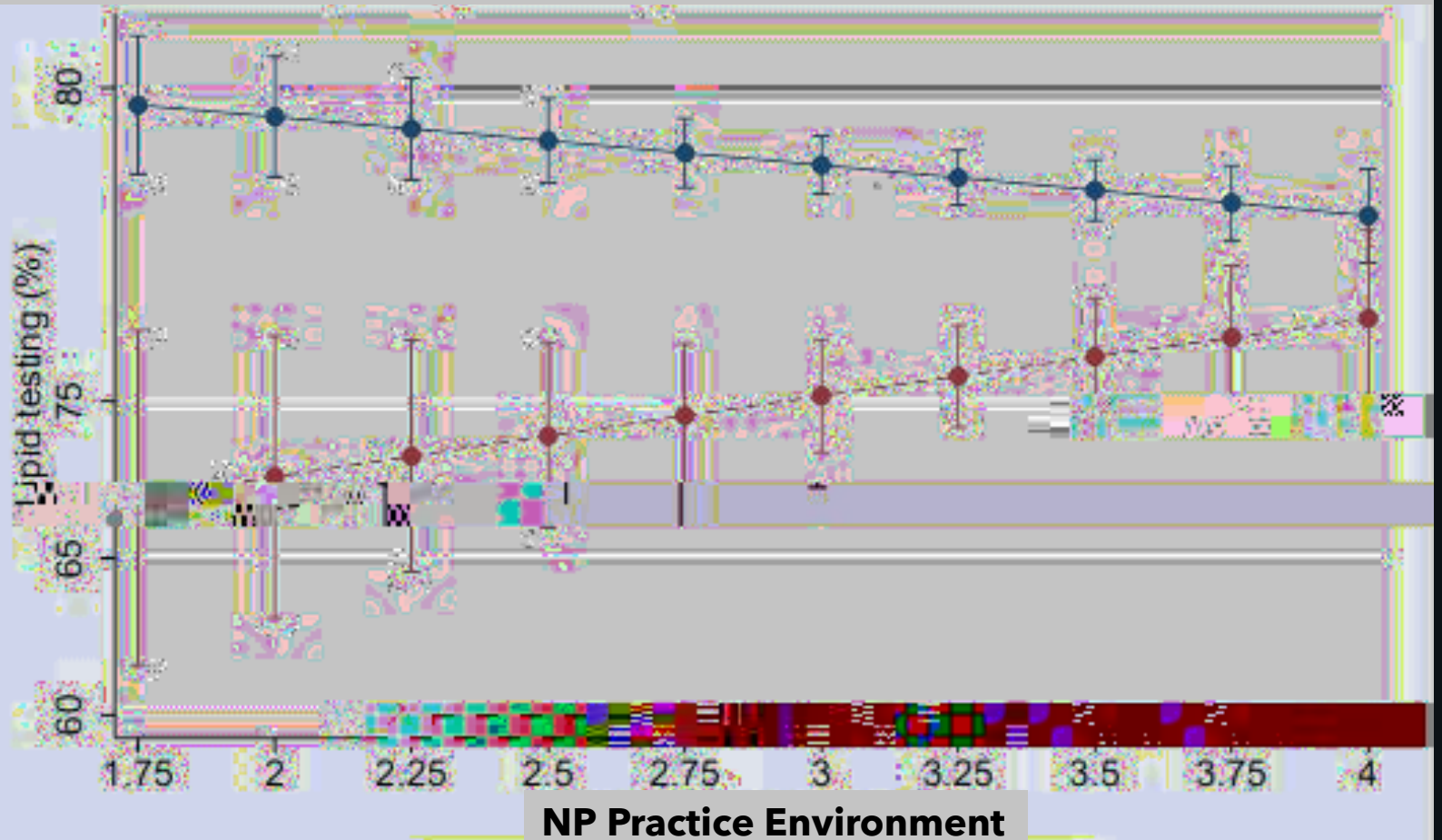
Results - patients

- CAD
B W
- B CAD
• Y p
•

- Practices where Black CAD patients received care...
 - Accepted Medicaid (73% vs. 59%, $p < .001$)
 - Smaller daily patient volume (166 vs. 193 patients/day, $p < .001$)
 - Less favorable practice environments (3.25 vs. 3.27, $p < .001$)

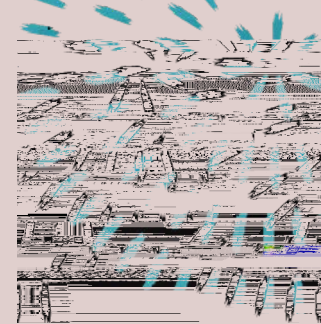


Probability of Lipid Testing for Black and White CAD Patients



Odds of LDL screening 19% lower for Black vs. to White CAD patients

Significant interaction found between race and the practice environment



Conclusions

The first study to examine the relationship between NP practice environments and health disparities.

Disparities in CAD management between Black and White patients may be influenced by where they receive care.

Investing in the NP practice environment, including supports for NP independent practice and strengthening NPs' relationships with physicians and administrators, may narrow these disparities.

The background features a complex, abstract pattern of overlapping, semi-transparent geometric shapes in various shades of blue and green. These shapes resemble a network or a map of interconnected nodes. Overlaid on this pattern are several horizontal lines in different colors, including dark blue, light green, and magenta, which create a layered, digital aesthetic.

Thank you!