

Identifying Vaccine-Hesitant Caregivers of children ages 0-5 yrs. using the Parent Attitudes about Childhood Vaccines (PACV) Survey

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BACKGROUND

Problem Statement:

- Vaccine hesitancy is an alarming trend that can affect herd immunity
- Vaccine hesitancy is defined as the refusal, delay or medication of the vaccine schedule
- Fear of vaccine harmful effects associated with rise in caregiver vaccine hesitancy

OBJECTIVES

Purpose:

- Identify vaccine-hesitant caregivers
- Use targeted teaching intervention

Specific Aims:

- Utilize PACV Survey
- Educate
- Reduce level of vaccine hesitancy

METHODS

Study design

- Quasi-experimental

Subjects

- 75 caregivers of children ages 0-5 years

Setting

- Single Pediatric private practice clinic
- Lawrenceville, Ga
- 28-32 patients/provider seen daily
- 12/16 exam rooms in use

Pre-test

- Survey used to identify vaccine-hesitant caregivers
- Participants received \$10 gift card for Chic fil a restaurant

Intervention

- CDC vaccine teaching sheets
- Open dialogue

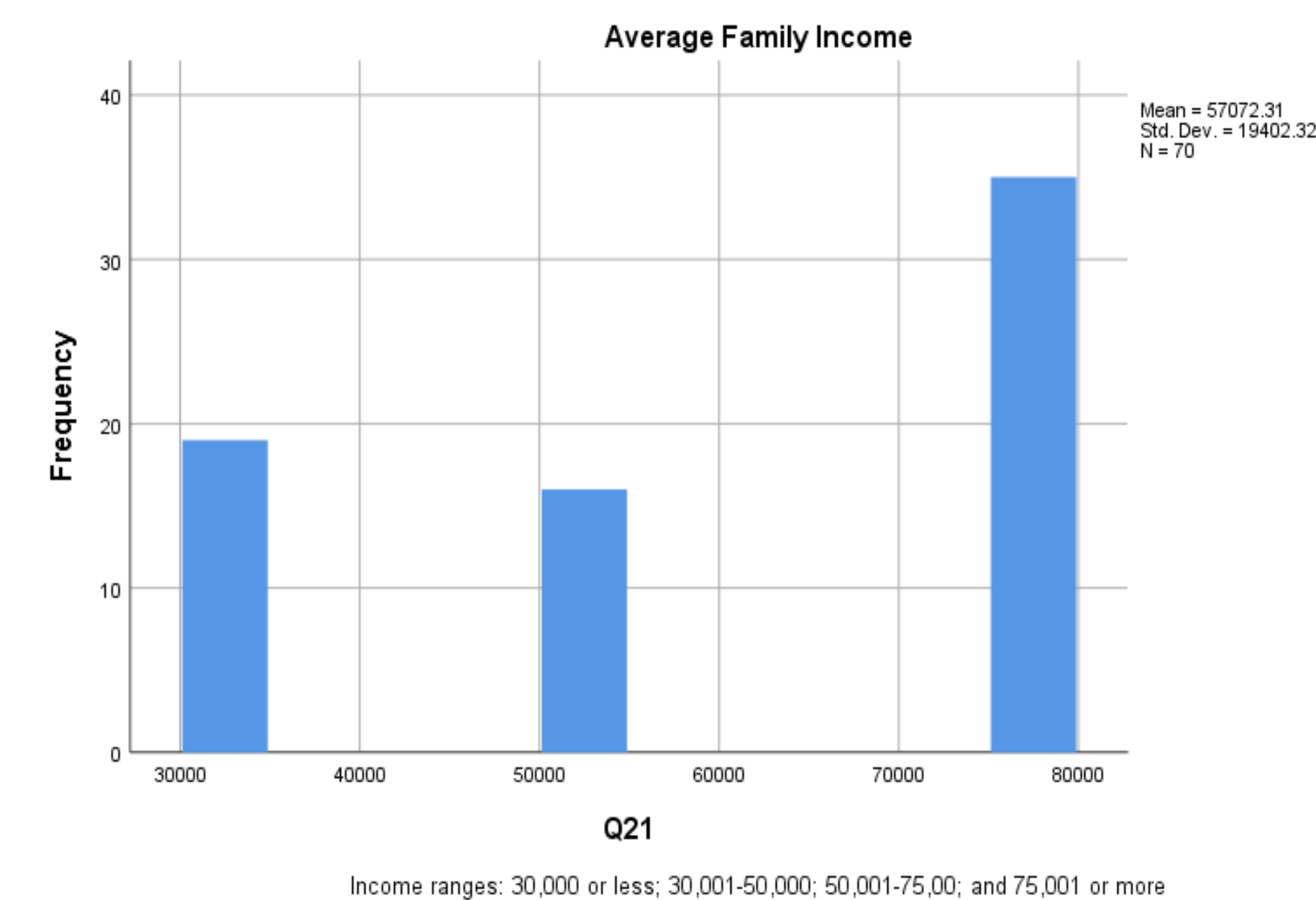
Post-test

- Survey repeated via telephone

RESULTS

Age of children with most survey responses

- 2 months
- 4 months
- 24 months
- 36 months
- 4 yrs



15% hesitancy rate among caregivers (n=11)

Post intervention-4 remained VH
89% respondents were mothers
58% of respondents were white/Caucasian and 27% were black/African American

Correlation between race/ethnicity and total initial survey scores, Pearson's correlation coefficient 0.29 with a p-value 0.05.

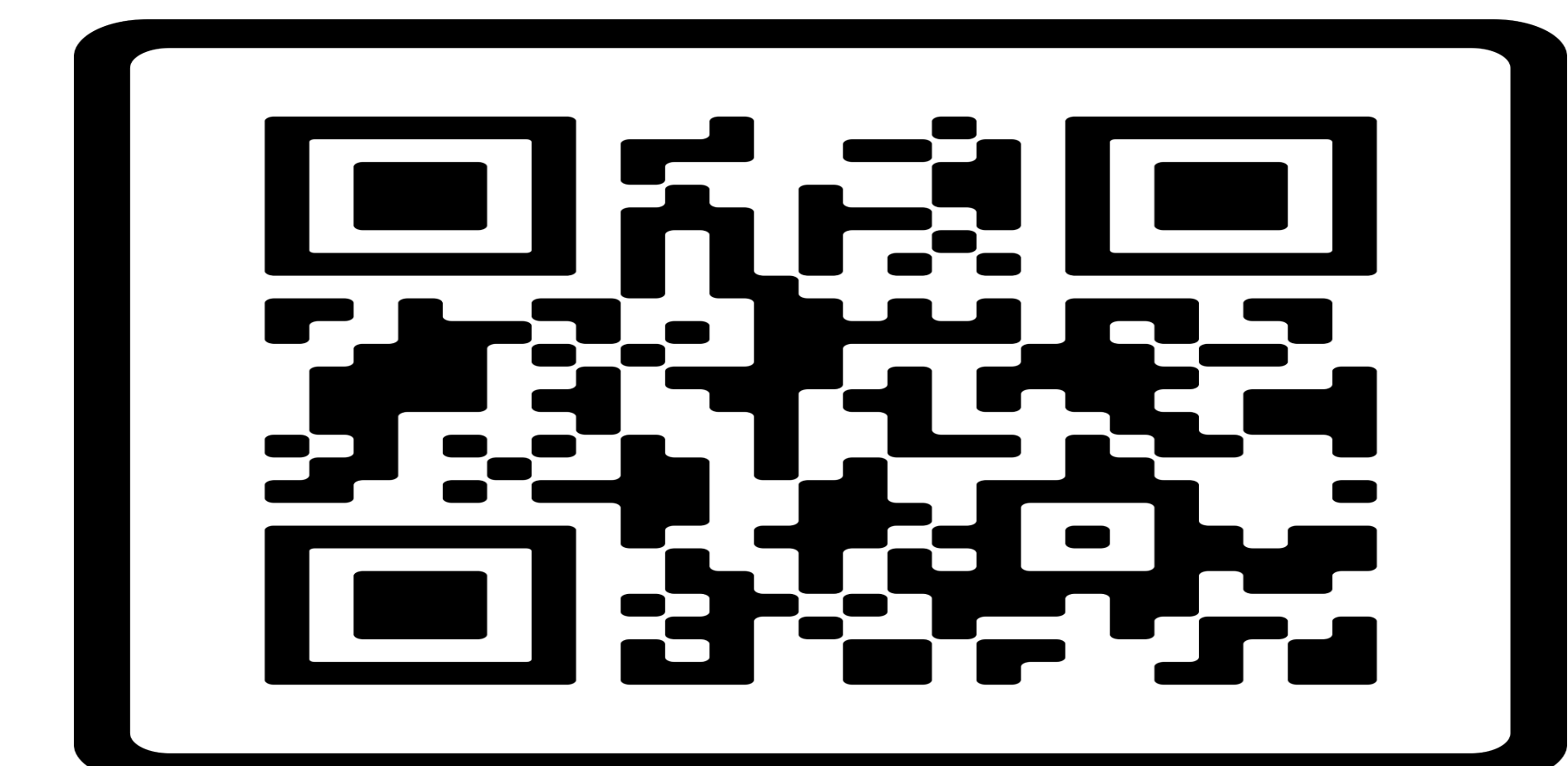


DISCUSSION

- Vaccine hesitancy rates consistent with the literature at a rate of approx. 25% among male and female caregivers
- Caregiver trust was high, consistent with the literature
- Mixed method intervention was effective
- Expressing their feelings about vaccination was empowering for parents

IMPLICATIONS

- APRN practice can be hindered by vaccine refusal
- Use the evidence as support and guidance for caregivers
- Have the discussion at every visit
- Decrease communicable disease



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