

**Changes in
Stage of Readiness
After Exposure to
"Sharing the Gift of
Life"**

“Through it all, I kept my
faith in Lakota.”

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Woope Claymore, age 16

Cheyenne River

Lakota Sioux Tribe



Background :

For American Indians & Alaska Natives (AI/AN) there is a dire need for kidney transplantation.

Consent rates for donation among AI/AN people are low.

Few donation outreach interventions designed for AI/AN people.

No known empirical tests of interventions.

Kidney Transplant Recipient



Purpose:

To test a theory-based intervention for organ and tissue donation among reservation dwelling AI adults.

“If you give, you get back tenfold.”

Specific Aim: To determine whether the intervention produced changes in intention to serve as an organ or tissue donor.

A close-up portrait of a man with a goatee, wearing a dark baseball cap with a white logo and a dark hoodie. He is smiling slightly. The background shows a clear blue sky and a flat, open landscape, possibly a reservation, with some distant structures and water.

Methods:

community-based
quasi-experimental
pre/post-test design

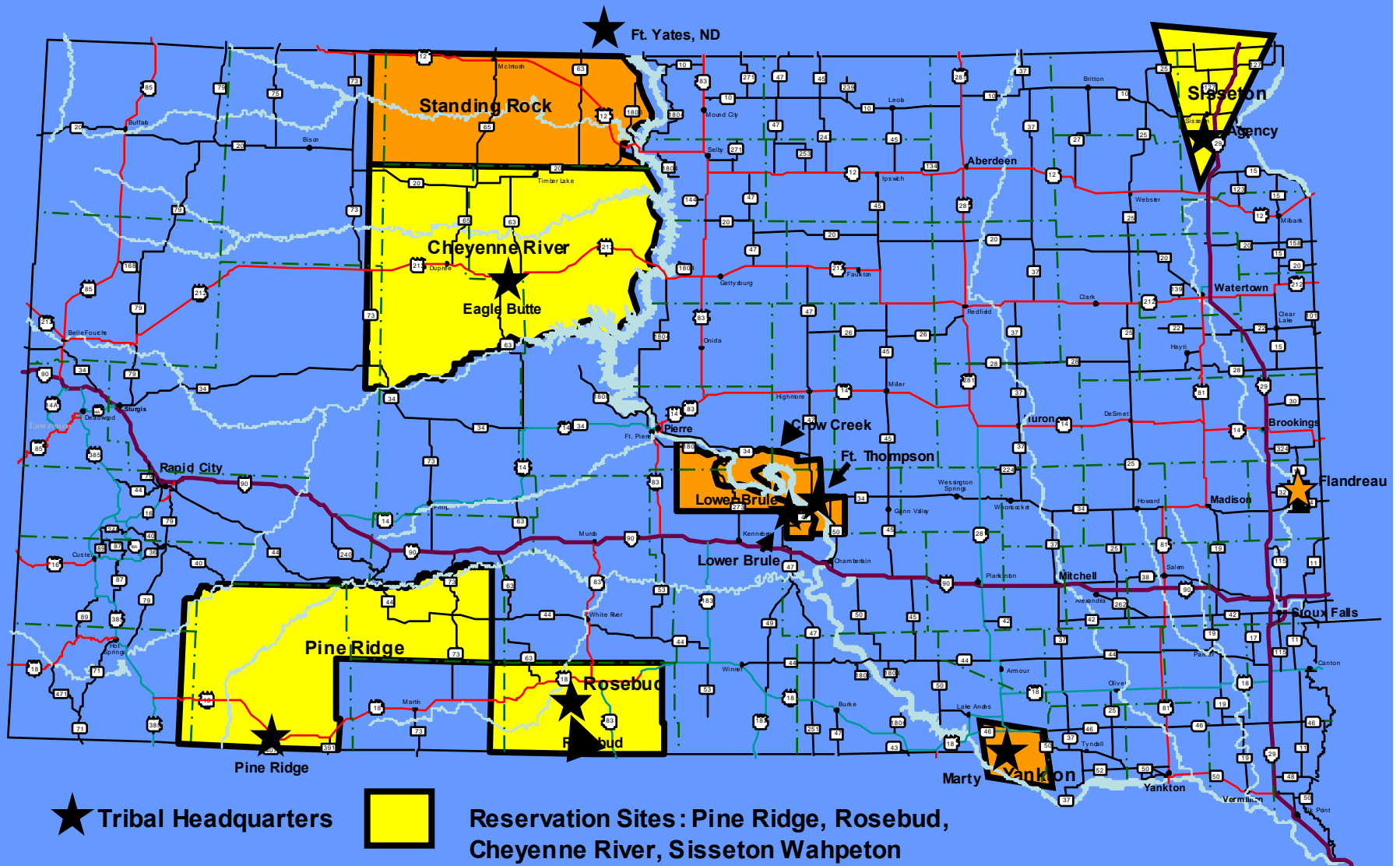
Setting/participants:

4 Northern Plains
reservations: All
participants adults
were adults (N=1850,
58% women).

Snowball sampling
technique.

Donated his kidney to his father.

SD Indian Reservations, Trust Lands, and Tribal Headquarters



A portrait of Gary Bad Warrior, Jr., a man with a goatee and a baseball cap, smiling. The background is a clear blue sky and a field with some snow. The text is overlaid on the left side of the image.

Theoretical Framework

Cultural context:

Story-telling & Gift giving

Transtheoretical Model:

Stages of readiness

Self-efficacy

Pros/Cons


Processes of Change

Gary Bad Warrior, Jr.

Cheyenne River Lakota Sioux Tribe

Behavioral Intervention:

- *“Wakic' unpi Wiconi” “Sharing the Gift of Life”*
- Modeled after MOTTEP Strategies
- Culturally-tailored print materials, video & social marketing strategies
- Promote organ/tissue donation at community gatherings, worksites, churches, pow-wow's & other events
- Educational programs for community groups and post-secondary education programs



Measures:

Pre/post stage of readiness to become an organ or tissue donor

of donor cards signed coupled with verification of family notification

Driver's license designation as an organ donor

of target population donor referrals and donors

“The giving of oneself is just the ultimate way of saying thank you for being created.”

Comea Transplant Recipient, Christine Janis, Oglala Lakota Tribe

Data Analysis

Aim 1: Change in Donor Intent

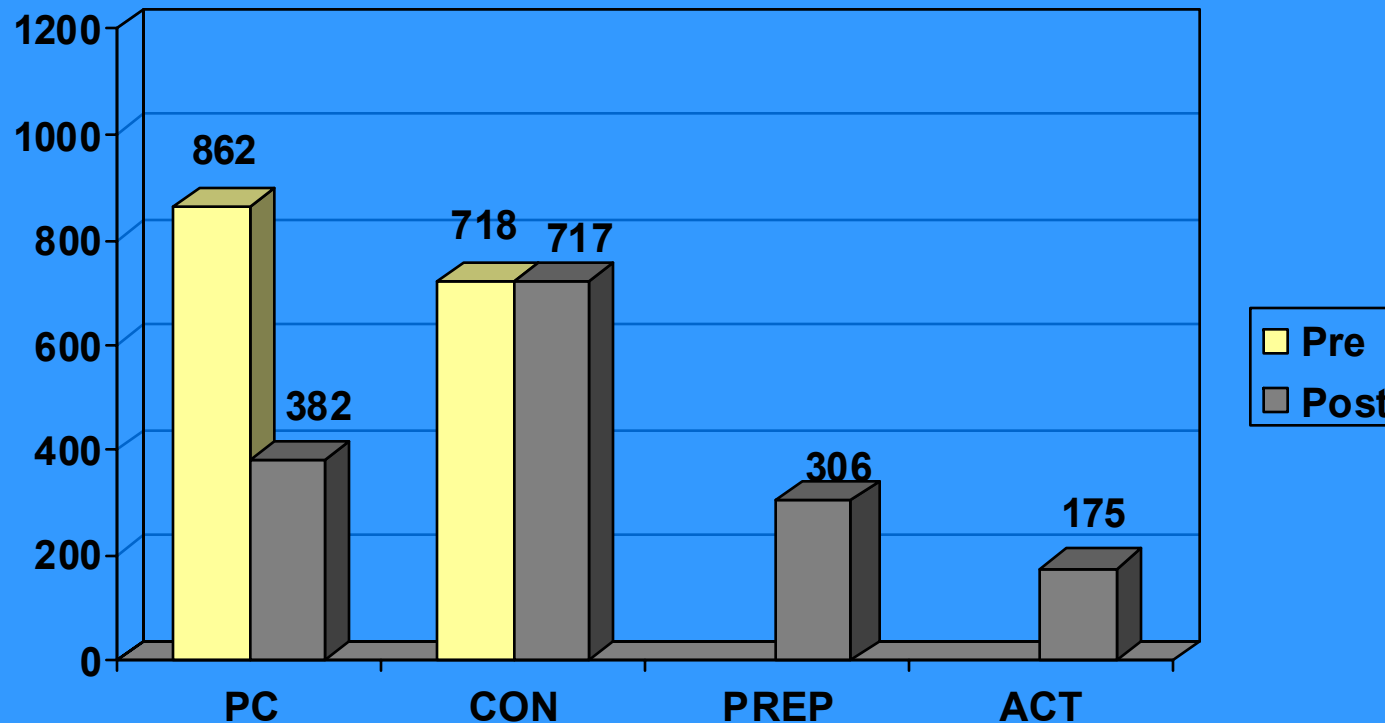
McNemar's test of significance for dependent samples

compare pre- and post-intervention stage of motivational readiness.

participants categorized as stage non-progressed or stage progressed (progressed one or more stages)

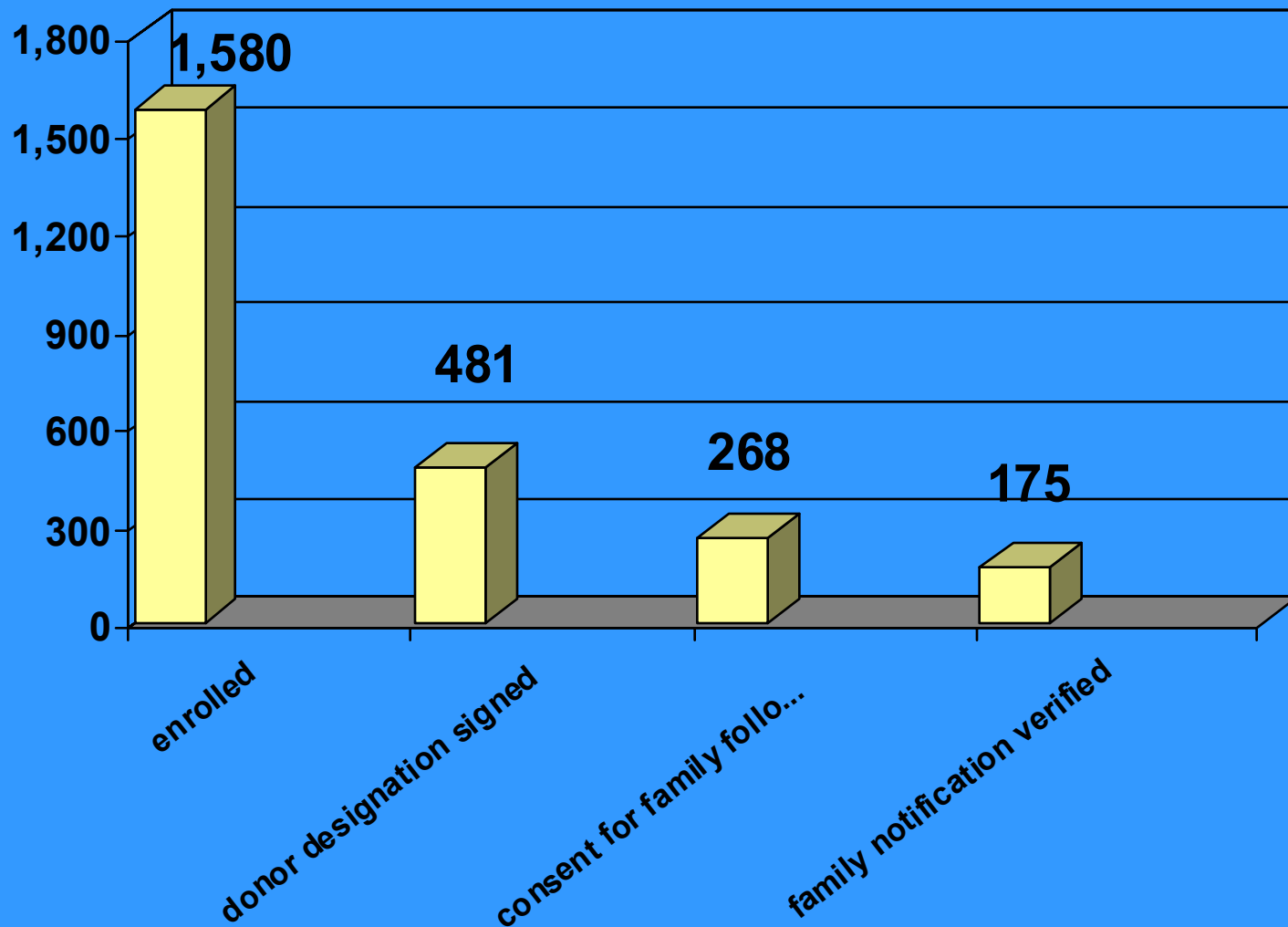
RESULTS

Aim 1: Changes in Donor Intent*



43% (n= 681) no change; 57% (n=899) progressed in stage of change, 0 regressed in stage. Change in donor intent from pre- to post-intervention was significant, $\chi^2 (1) = 18.32, p < .05^*$

Donor Designation: Preparation or Action Stage of Change





**Paul High Elk, Double Cornea
Transplant Recipient, 1959 & 1968
Cheyenne River , Lakota Sioux Tribe**

Limitations

Single-group design

No demographic data collected

**Verification of family
notification is problematic**

**Time required for community-
based participatory research**

Sisseton - Wahpeton Oyate Tribe

Recommendations and Needs for Further Research:

Measurement issues

Collect demographic data

Hire outreach people from each tribe

Target a younger adult population

Critical need for more intervention research

www.lakotasharinglife.org

Wakic' unpi Wiconi - Sharing the Gift of Life - Wakic' unpi Wiconi - Sharing the Gift of Life - Wakic' unpi Wiconi - Sharing the Gift of