

“Native American Cancer Education for Survivors (NACES): Findings and Support Resources”



Presented by Linda Burhansstipanov, MSPH, DrPH
(Cherokee Nation of Oklahoma)

Founder, Native American Cancer Research Corporation (NACR)
President, Native American Cancer Initiatives, Inc. (NACI)
3022 South Nova Road, Pine, CO 80470
303-838-9359; toll-free 1-800-537-8295
<http://www.NatAmCancer.org>

“Native American Cancer Education for Survivors” (NACES)

Started as a research grant,
evolved into support,
informational program



Key Collaborators

- 📌 Linda Burhansstipanov, MSPH, DrPH, Native American Cancer Research Corporation (NACR), Pine, CO
- 📌 Linda U. Krebs, PhD, RN, AOCN, FAAN, University of Colorado Anschutz Medical Campus, College of Nursing, Denver, CO
- 📌 Mark Dignan, PhD, University of Kentucky and Southeastern Program Evaluation, Lexington, KY
- 📌 Kate Jones, Southeastern Program Evaluation, Lexington, KY
- 📌 Judith Salmon Kaur, MD, Mayo Clinic’s Native American Programs, Rochester, MN
- 📌 Daniel Petereit, MD, Walking Forward, SD



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>

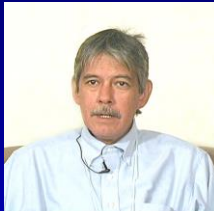


3

NACES Native Survivors' Advisory Committee



Dorcas Bloom
Siberian Yupik
Dx breast cancer 1998



Dennis Whiterock
Navajo
Dx 2001 Multiple
Myeloma



Rosanne Wyman
Mohawk
Diagnosed: 1987 uterine /
cervix cancer



Michael T. George, Sr.
Coeur d'Alene
Dx 2001 Throat Cancer



CeCe Whitewolf
Confederated Tribes of
Umatilla
Dx 1998 Breast



Frankie White
Dress
Oglala Lakota
Dx 2001 Breast



DeAnna Finifrock
Fond du Lac
Dx 1998 Breast




Arlene Wahwasuck
Prairie Band
Potawatomi
Dx 2002 Breast



Burhansstipanov; Native American Cancer Research Corporation
(NACR); 1-800-537-8295; <http://www.NatAmCancer.org>

What is “Native American Cancer Education for Survivors”?

- 🥁 Web-based, quality of life survivorship education
- 🥁 Originally designed for breast cancer patients
 - ⊕ But has information relevant to patients who have other types of cancer
 - ⊕ Includes both genders
- 🥁 **FREE!**



Dorcas Bloom
Siberian Yupik
Dx breast cancer 1998

My doctor talked to me about what I had and I talked to my husband and then we decided what we wanted to do

Native American Cancer Research Corporation
Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>

5

Limitations of NACES

- 🥁 Internet access
 - ⊕ Improving in Indian Country
 - ⊕ Monthly reports show 3% users from China, 3% Africa, 3% former Republics of USSR = easy-to-understand info
- 🥁 Website includes multiple cancer sites, but is still focused on breast (insufficient funding)
- ⊕ Sidebar “storytellers” = breast only

Native American Cancer Research Corporation
Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>


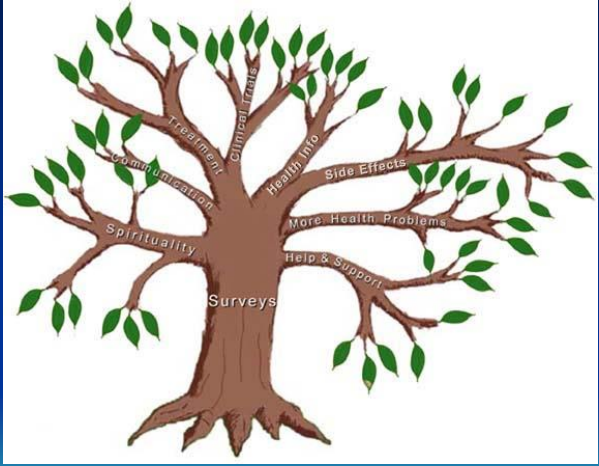
6



Pilot “Native American Cancer Education for Survivors” [NACES] Data

Layout of the Quality of Life Tree Information

The hummingbird appears next to the current leaf being viewed



Trained Native Survivorship Navigators are Available to Help (from Denver, CO) and via toll free number 1-800-537-8295

NOTE: volunteers and not available daily!

Burhansstipanov, Native American Cancer Research Corporation (NACR) & Native American Cancer Initiatives, Inc. (NACI); 303-838-9359; <http://www.NatAmCancer.org/>

7

Code Name and Online Survey

NATIVE AMERICAN CANCER RESEARCH

SURVEY

Go to:
HOME
NACES
Tech Help?

More places:
Video Vignettes
Storytellers
Sample Questions
Visitors Questions
Definitions
Privacy Broker
Site Map

Introduction Get Code-Name Log In

WELCOME TO THE SURVEY LIMB OF THE QUALITY OF LIFE TREE

TELL US ABOUT YOUR QUALITY OF LIFE

What is the purpose of the survey?

The purpose of the survey is to collect Quality of Life information from cancer survivors in Native American, Alaska Native, and Native Hawaiian communities. The goal is to find out if cancer education programs such as Native American Cancer Education for Survivors (NACES) improves the quality of life of Native survivors. The information is being collected as part of a study sponsored by the National Cancer Institute and the Susan G. Komen Foundation. This information will be used to better help Native survivors and others in the future.

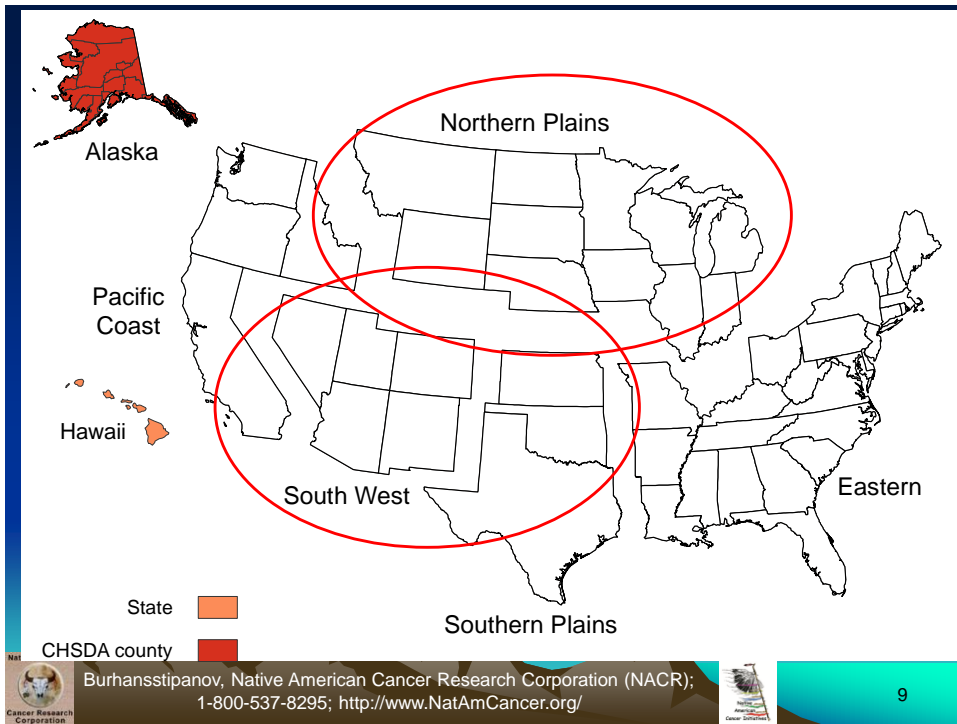
Will the information I provide be kept private?

Yes, the information you provide will be anonymous, which means your name will not be associated with the information you provide. You will be asked to create a code-name. This is a name made up of a color, symbol, and number (e.g. Red-Fox-12) that we will use to keep track of your survey answers. The study staff will not have access to any information that identifies you.



Burhansstipanov; Native American Cancer Research Corporation (NACR); 1-800-537-8295; <http://www.NatAmCancer.org>

Pilot “Native American Cancer Education for Survivors” [NACES] Data



NACES Demographics (2015)

- 🥁 47.4% diagnosed *prior* to age 50
- 🥁 > 50% are full blood quantum
- 🥁 54.5% are 5+ years since diagnosis (long-term survivors)
- 🥁 32% diabetic as well as diagnosed w/ cancer (co-morbidity)
- 🥁 37.2% live in a city, town or village (33.1% on Reservation)
- 🥁 36.8% have difficulty getting into treatment



NACES Demographics (2015)

- 🥁 48.7% travel **WAY** to access treatment ~15% travel more than 400 miles 1-way to access treatment
- 🥁 47.4% travel **more than 2 hours one way**
- 🥁 Only ~12% access care through Indian Health Services (Contract Health Services)
- 🥁 Shift from diagnoses in stages III and IV (1990s and early 2000s) to majority are dx stages 1 and 2 now (progress due to AI/AN-specific programs throughout USA)



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



11

Quality of Life (QOL) Measures

QOL Definition:

*How well you are able to do everything you want to do:
physically, mentally, emotionally, socially and spiritually?*

🥁 Answered “excellent, good or okay”

Major improvements since the 1990s!

- ⊕ Physical QOL = 85.4%
- ⊕ Social QOL = 87.5%
- ⊕ Emotional QOL = 86.2%
- ⊕ Spiritual QOL = 94.3%



Dominga Rosetta,
Santo Domingo
Pueblo Tribe
Dx 1991 Breast



Burhansstipanov, Native American Cancer Research Corporation (NACR) & Native
American Cancer Initiatives, Inc. (NACI); 303-838-9359; <http://www.NatAmCancer.org/>



12



Pilot “Native American Cancer Education for Survivors” [NACES] Data

Side Bar

- Video Vignettes
- Storytellers
- Sample Questions
- Visitors Questions
- Definitions
- Privacy Broker
- Site Map



Thunderhand Joe
Apache
Diagnosed:
1990 pancreas cancer

Well, I went through my chemotherapy and I had to tell the guys in the band that now I am going to lose my hair. ...Okay, now I was bald and I don't know, I thought it was okay. It wasn't as bad as I thought. But, anyway, so I cut all my hair off. I got it short about as short as Dawn's. Because I did not want to lose it from this. So I told cancer you can have my hair. That's all your getting. No more. Take my hair.

 Helen 35 years old inflammatory breast cancer	 Joanne 40 years old Stage 2 breast cancer	 Mary 45 years old Stage 1 breast cancer	 Heather 48 years old Recurrent breast cancer
 Dawn 55 years old Stage 2 breast cancer	 John 59 years old Stage 2 breast cancer	 Leslie 63 years old Stage 4 breast cancer	 Marlene 80 years old Stage 3 breast cancer

artwork by Erin Daniel and Staci Washington, Ann Arbor and Midland, MI



Burhansstipanov, Native American Cancer Research Corporation (NACR) & Native American Cancer Initiatives, Inc. (NACI); 303-838-9359; <http://www.NatAmCancer.org/>

13

Side Bar

- Video Vignettes
- Storytellers
- Sample Questions
- Visitors Questions
- Definitions
- Privacy Broker
- Site Map

Examples of Patient Questions for Healthcare Providers specific to Clinical Trials

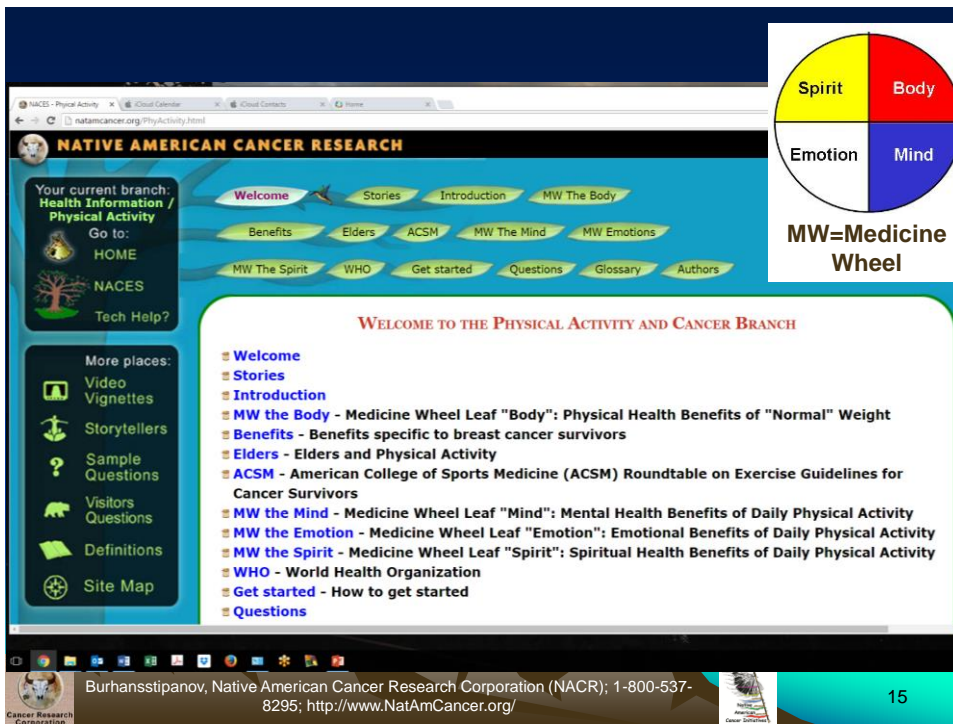
- If I take part in this study, am I letting myself be treated like a guinea pig?
- How do I know I'm really getting medicine?
- If IHS / Tribal / Urban clinic does not have the medicine, how can your study pay for it so that I can get it?
- How can your study help me get to and from the clinic and my home?
- How can your study allow my children to travel with me so that I can take part in it?
- How can your study support my hotel costs if I have to be near the clinic for a few days?

Question: If chemotherapy is not helpful, what's next? **Answer:** There are many different drugs and drug combinations to try. When one does not work, another may. Another possibility may be enrollment in a clinical trial. Your healthcare provider may also consider a combination of therapies. Unfortunately, sometimes there are no effective treatments and comfort care through hospice can be considered. Please talk with your healthcare provider about all possible options. LUK & AB

Posted: 3-22-2008



Pilot “Native American Cancer Education for Survivors” [NACES] Data



Native American Cancer Research

Your current branch: **Health Information / Physical Activity**

Go to:

- HOME
- NACES
- Tech Help?

More places:

- Video Vignettes
- Storytellers
- Sample Questions
- Visitors Questions
- Definitions
- Site Map

Navigation links:

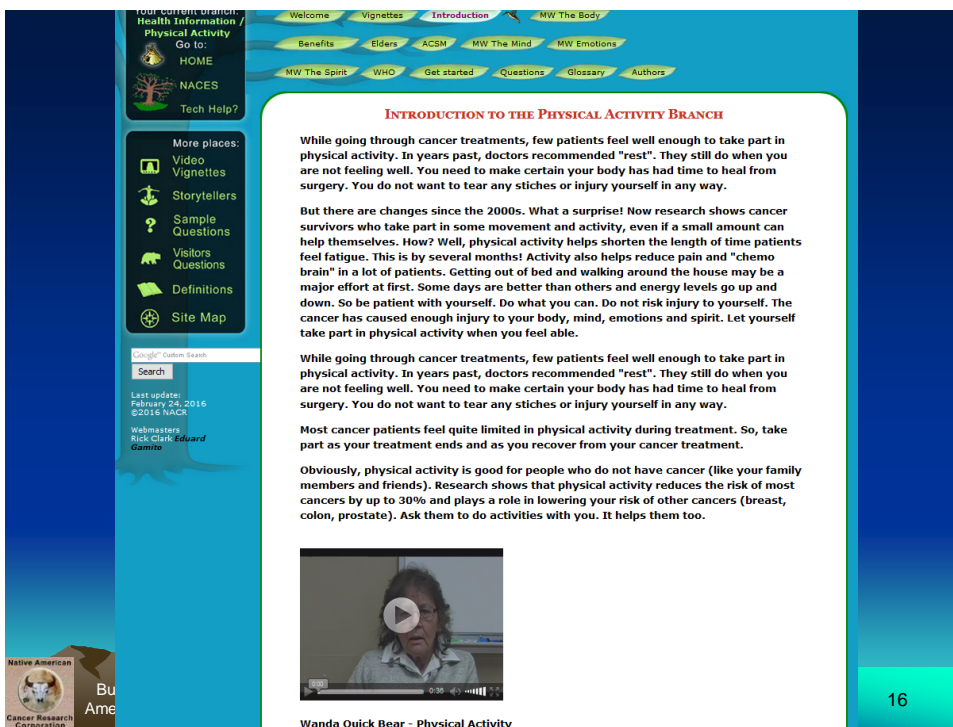
- Welcome
- Stories
- Introduction
- MW The Body
- Benefits
- Elders
- ACSM
- MW The Mind
- MW Emotions
- MW The Spirit
- WHO
- Get started
- Questions
- Glossary
- Authors

WELCOME TO THE PHYSICAL ACTIVITY AND CANCER BRANCH

- Welcome
- Stories
- Introduction
- MW the Body - Medicine Wheel Leaf "Body": Physical Health Benefits of "Normal" Weight
- Benefits - Benefits specific to breast cancer survivors
- Elders - Elders and Physical Activity
- ACSM - American College of Sports Medicine (ACSM) Roundtable on Exercise Guidelines for Cancer Survivors
- MW the Mind - Medicine Wheel Leaf "Mind": Mental Health Benefits of Daily Physical Activity
- MW the Emotion - Medicine Wheel Leaf "Emotion": Emotional Benefits of Daily Physical Activity
- MW the Spirit - Medicine Wheel Leaf "Spirit": Spiritual Health Benefits of Daily Physical Activity
- WHO - World Health Organization
- Get started - How to get started
- Questions

Burhansstipanov, Native American Cancer Research Corporation (NACR); 1-800-537-8295; <http://www.NatAmCancer.org/>

15



INTRODUCTION TO THE PHYSICAL ACTIVITY BRANCH

While going through cancer treatments, few patients feel well enough to take part in physical activity. In years past, doctors recommended "rest". They still do when you are not feeling well. You need to make certain your body has had time to heal from surgery. You do not want to tear any stitches or injury yourself in any way.

But there are changes since the 2000s. What a surprise! Now research shows cancer survivors who take part in some movement and activity, even if a small amount can help themselves. How? Well, physical activity helps shorten the length of time patients feel fatigue. This is by several months! Activity also helps reduce pain and "chemo brain" in a lot of patients. Getting out of bed and walking around the house may be a major effort at first. Some days are better than others and energy levels go up and down. So be patient with yourself. Do what you can. Do not risk injury to yourself. The cancer has caused enough injury to your body, mind, emotions and spirit. Let yourself take part in physical activity when you feel able.

While going through cancer treatments, few patients feel well enough to take part in physical activity. In years past, doctors recommended "rest". They still do when you are not feeling well. You need to make certain your body has had time to heal from surgery. You do not want to tear any stitches or injury yourself in any way.

Most cancer patients feel quite limited in physical activity during treatment. So, take part as your treatment ends and as you recover from your cancer treatment.

Obviously, physical activity is good for people who do not have cancer (like your family members and friends). Research shows that physical activity reduces the risk of most cancers by up to 30% and plays a role in lowering your risk of other cancers (breast, colon, prostate). Ask them to do activities with you. It helps them too.

Wanda Quick Bear - Physical Activity

16



Pilot “Native American Cancer Education for Survivors” [NACES] Data

NATIVE AMERICAN CANCER RESEARCH

Your current branch: Health Information / Physical Activity
Go to: HOME, NACES, Tech Help?

More places: Video Vignettes, Storytellers, Sample Questions, Visitors Questions, Definitions, Site Map

Google Custom Search
Search

Last update: February 24, 2016
©2016 NACR
Webmasters: Rick Clark, Edward Gamito

Navigation: Welcome, Stories, Introduction, MW The Body, Benefits, Elders, ACSM, MW The Mind, MW Emotions, MW The Spirit, WHO, Get started, Questions, Glossary, Authors

BENEFITS OF PHYSICAL ACTIVITY

Note: Most physical activity research is on patients with breast, prostate, bone and reproductive organ cancers. Exercise can improve breast cancer survivors' quality of life

Exercise is safe to do during and after breast cancer treatment. It also can reduce symptoms. It does improve quality of life. But, a lot of women don't get any regular physical activity other than normal daily (shopping, cleaning, office work).

Taking part in daily physical activity improves the way the body functions. It also reduces fatigue. Lymphedema is swelling of the arm that is painful. Certain kinds of exercise can help breast cancer survivors avoid the condition. Some types of exercise can improve symptoms for those who already have it. Talk with your doctor for guidance.

Breast cancer patients who take part in physical activity have a 24% decreased risk for breast cancer coming back. A third of them have fewer deaths from breast cancer! Talk with your doctor before you start a physical activity routine. Make sure it is safe for you.

You need time to heal after surgery and should follow the advice of your health care team.

Barb Lineham - diabetes

NATIVE AMERICAN CANCER RESEARCH

Your current branch: Health Information / Physical Activity
Go to: HOME, NACES, Tech Help?

More places: Video Vignettes, Storytellers, Sample Questions, Visitors Questions, Definitions, Site Map

Google Custom Search
Search

Last update: February 24, 2016
©2016 NACR
Webmasters: Rick Clark, Edward Gamito

Navigation: Welcome, Stories, Introduction, MW The Body, Benefits, Elders, ACSM, MW The Mind, MW Emotions, MW The Spirit, WHO, Get started, Questions, Glossary, Authors

MW LEAF "EMOTION": EMOTIONAL BENEFITS OF DAILY PHYSICAL ACTIVITY

Introduction: Emotionally, physical activity is a great way to feel happier and enjoy life again. Emotionally, it:

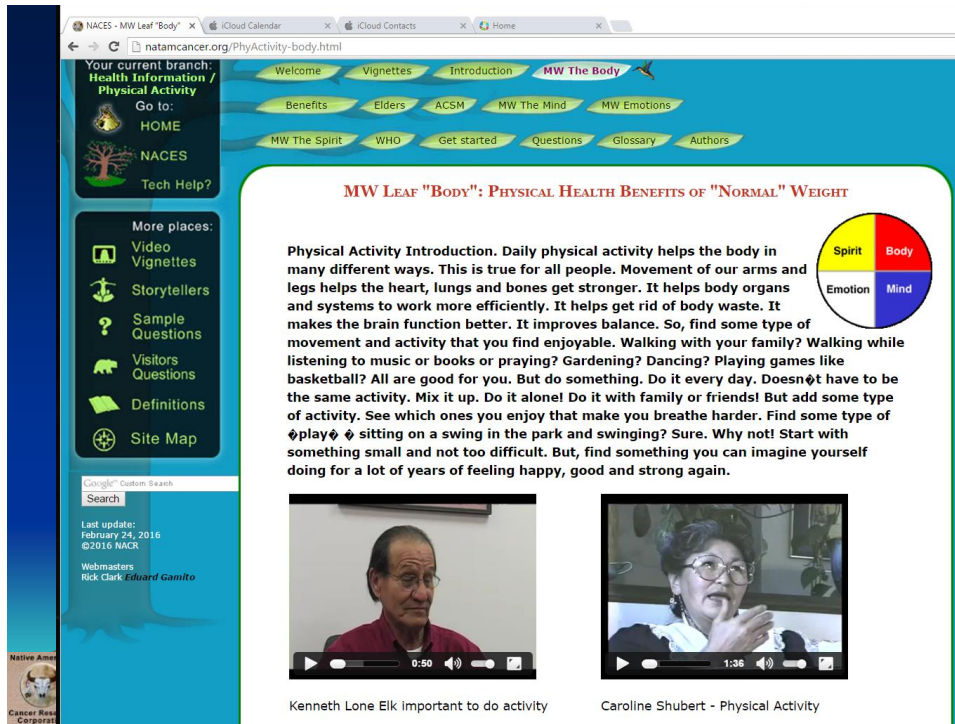
- Helps reduce stress and anxiety
- Improves self-esteem
- Improves mood
- Stimulates the brain to produce endorphins that make you feel good
- Improves your ability to take care of yourself
- Improves attitude about self and others
- Acts as a form of meditation or relaxation for many which reduces anxiety and negative emotions

Sam High Crane
Force self to be active (Equine therapy)

Sam High Crane
Life as one-time gift



Pilot “Native American Cancer Education for Survivors” [NACES] Data

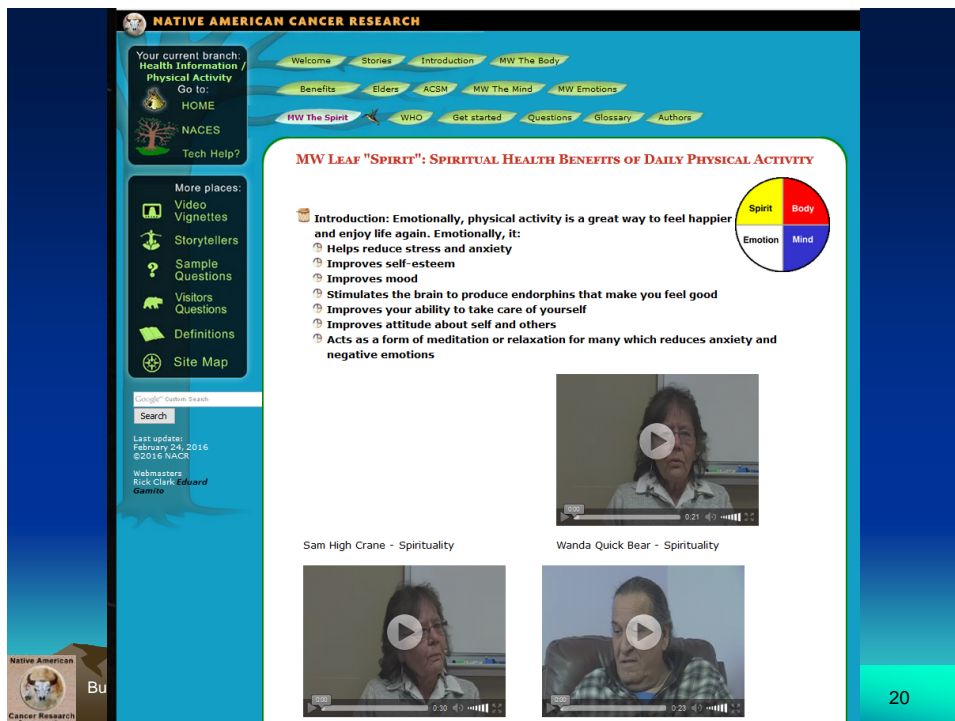


NACES - MW Leaf "Body": PHYSICAL HEALTH BENEFITS OF "NORMAL" WEIGHT

Physical Activity Introduction. Daily physical activity helps the body in many different ways. This is true for all people. Movement of our arms and legs helps the heart, lungs and bones get stronger. It helps body organs and systems to work more efficiently. It helps get rid of body waste. It makes the brain function better. It improves balance. So, find some type of movement and activity that you find enjoyable. Walking with your family? Walking while listening to music or books or praying? Gardening? Dancing? Playing games like basketball? All are good for you. But do something. Do it every day. Does not have to be the same activity. Mix it up. Do it alone! Do it with family or friends! But add some type of activity. See which ones you enjoy that make you breathe harder. Find some type of play sitting on a swing in the park and swinging? Sure. Why not! Start with something small and not too difficult. But, find something you can imagine yourself doing for a lot of years of feeling happy, good and strong again.

Video Vignettes:

- Kenneth Lone Elk - Important to do activity
- Caroline Shubert - Physical Activity



NATIVE AMERICAN CANCER RESEARCH

MW Leaf "Spirit": SPIRITUAL HEALTH BENEFITS OF DAILY PHYSICAL ACTIVITY

Introduction: Emotionally, physical activity is a great way to feel happier and enjoy life again. Emotionally, it:

- Helps reduce stress and anxiety
- Improves self-esteem
- Improves mood
- Stimulates the brain to produce endorphins that make you feel good
- Improves your ability to take care of yourself
- Improves attitude about self and others
- Acts as a form of meditation or relaxation for many which reduces anxiety and negative emotions

Video Vignettes:

- Sam High Crane - Spirituality
- Wanda Quick Bear - Spirituality



Pilot “Native American Cancer Education for Survivors” [NACES] Data

The screenshot shows a web browser displaying the NACES website. The URL is natamcancer.org/PhysActivity-elders.html. The page has a blue header with navigation links: Welcome, Stories, Introduction, MW The Body, Benefits, Elders (highlighted), ACSM, MW The Mind, MW Emotions, MW The Spirit, WHO, Get started, Questions, Glossary, and Authors. On the left, there is a sidebar with 'Your current branch: Health Information / Physical Activity' and links to HOME, NACES, and Tech Help? Below this is a 'More places:' section with icons for Video Vignettes, Storytellers, Sample Questions, Visitors Questions, Definitions, and Site Map. The main content area is titled 'ELDERS AND PHYSICAL ACTIVITY' and contains a section 'Physical Activity: Elders Facts (because many cancer survivors are elders)' with a list of facts: 'Lack of exercise and poor dietary habits are the second largest underlying cause of death (smoking was the largest among elders in the USA)', 'More than 2 out of every 3 older adults don't do regular physical activity. Even fewer than these are cancer survivors', 'You need to be getting more vitamins and minerals when you do a physical activity program', 'Although most elders don't notice it, they lose 20-40% of their muscle tissue as they get older', 'Exercise can partly restore muscle and strength', 'Staying physically active is important for feeling better and having high quality life', and 'Staying active and physically fit helps you take care of yourself longer'. Below the text is a video player showing a woman speaking.

Thank you for
inviting me to
share information
about NACES with
you

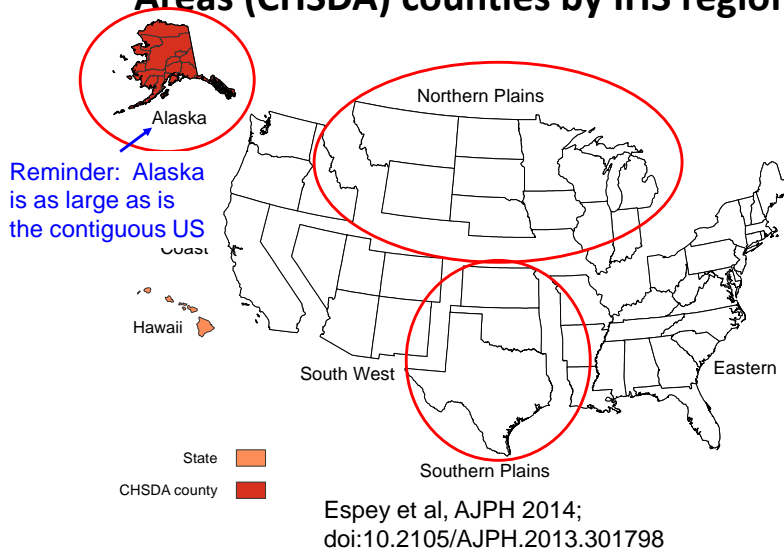


22

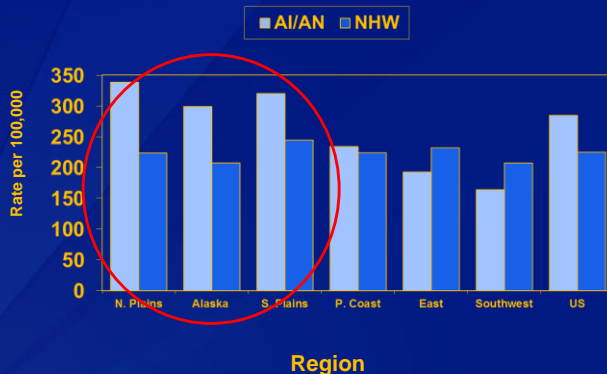


Burhansstipanov; Native American Cancer Research Corporation
(NACR); 1-800-537-8295; <http://www.NatAmCancer.org>

States and Contracted Health Service Delivery Areas (CHSDA) counties by IHS region



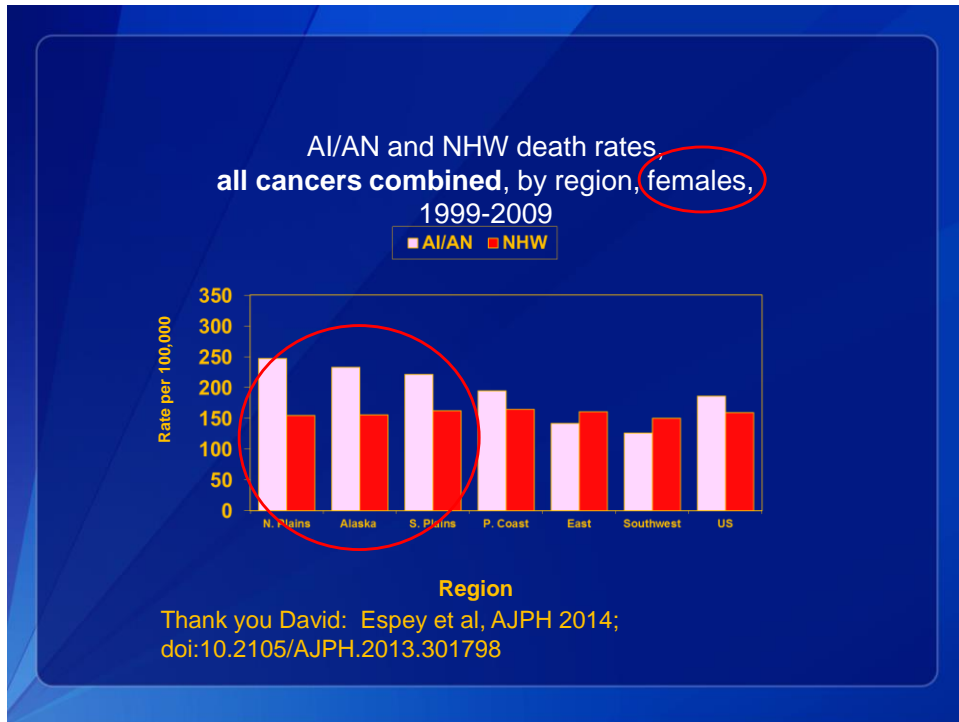
AI/AN and NHW death rates,
all cancers combined, by region, males,
1999-2009



Thank you David: Espey et al, AJPH 2014;
doi:10.2105/AJPH.2013.301798



Pilot “Native American Cancer Education for Survivors” [NACES] Data



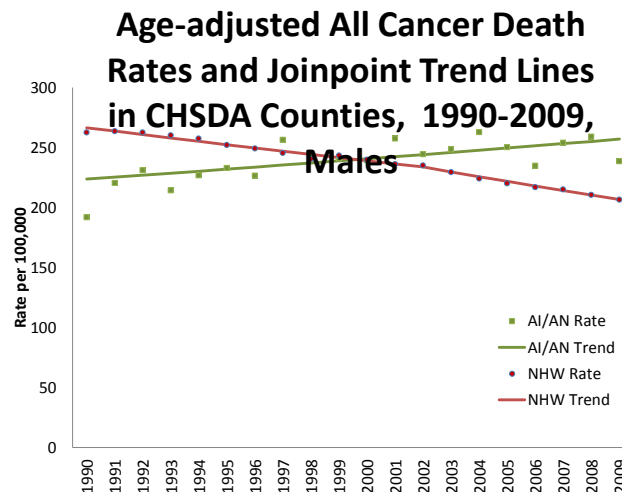
Mortality to Incidence Ratio (MIR) for All Cancer Sites Combined by Region, for AI/AN compared with NHW, CHSDA counties, 1999-2009

Region	AI/AN MIR	NHW MIR	AI/AN: NHW RATIO
Northern Plains	0.53	0.40	1.33*
Alaska	0.49	0.37	1.32*
Southern Plains	0.46	0.42	1.09*
Southwest	0.51	0.40	1.27*
Pacific Coast	0.49	0.39	1.26*
East	0.51	0.38	1.34*
Total	0.49	0.39	1.26*

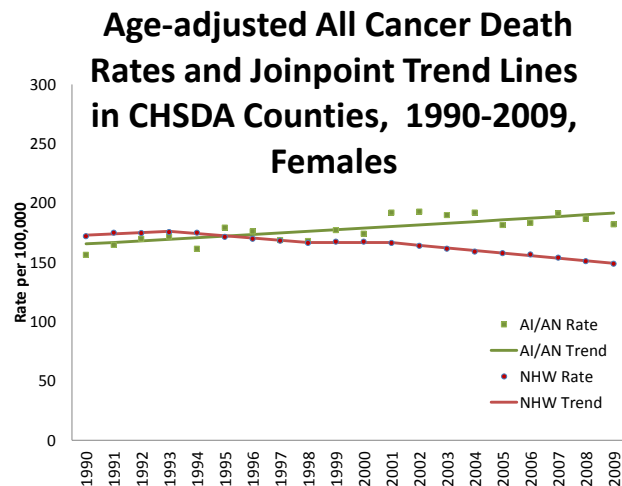
Thank you David: Espey et al, AJPH 2014; doi:10.2105/AJPH.2013.301798



Pilot “Native American Cancer Education for Survivors” [NACES] Data



Thank you David: Espey et al, AJPH 2014;
doi:10.2105/AJPH.2013.301798



Thank you David: Espey et al, AJPH 2014;
doi:10.2105/AJPH.2013.301798



Mortality to Incidence Ratio (MIR)

- ❑ Indicator of survival that compares fatality between groups
- ❑ Calculated as the age-adjusted death rate divided by the age-adjusted incidence rate
- ❑ Thought to be more accurate than “relative survival”
- ❑ Easy to calculate from existing data (cancer registry and death certificate data)
- ❑ Not a widely used; few publications

Thank you David: Espey et al, AJPH 2014; doi:10.2105/AJPH.2013.301798



Mortality to Incidence Ratio (MIR)

- ❑ Potentially useful proxy for estimating cancer survival
- ❑ Consistently less favorable for AI/AN compared to NHW for nearly all cancers
- ❑ Disparities likely related to lower SES and lack of healthcare access
- ❑ AI/ANs consistently diagnosed at later stages particularly for screenable cancers

Thank you David: Espey et al, AJPH 2014; doi:10.2105/AJPH.2013.301798



Summary

- Overall cancer death rates increased significantly for AI/AN men and women from 1990 to 2009
- Overall cancer death rates declined significantly for white men from 2002 to 2009 and white women from 2001 to 2009
- Compared to whites, deaths for all cancers combined among AI/AN were significantly lower from 1990 to 1998 but significantly higher from 1999 to 2009

Thank you David: Espey et al, AJPB 2014;
doi:10.2105/AJPB.2013.301798

New or Modified Topics (~75 items)

- | | |
|---------------------|-------------------------|
| 🥁 Physical function | 🥁 Cognition |
| 🥁 Pain | 🥁 Distress / Depression |
| 🥁 Sleep | 🥁 Tobacco |
| 🥁 Sexual | 🥁 Physical Activity |
| 🥁 Fatigue | 🥁 Side Effects Activity |
| 🥁 Cognition | |



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



32



Physical Activity (item added 2013)

- Those with higher blood quantum are less likely to take part in physical activity
- Females are more likely to report that their **health now limits them from exercising regularly**, compared to males.
- More than $\frac{1}{4}$ exercise less than 1 hour a week and only 5.6% take part in vigorous exercise 5-8.5 hours a week



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



33

NIH PROMIS Physical Function

- 24.7% = physical health problems now limit usual activities such as walking or climbing
- 43.8% = health limits doing activities that require litter exertion (beading, knitting)
- 46.9% = health limits going for a short walk (less than 15 minutes)

NIH Promis® items



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



34



NIH PROMIS Physical Function

- 45.8% Health limits from pursuing hobbies or other leisure activities

NIH Promis® items



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



35

NACES Pain data

- Women were more likely to have pain for a few days to every day per week than men
- 40.2%=pain made simple tasks hard to complete
- 47.9%=pain interfered with day-to-day activities
- 36.1%=pain so severe they could think of nothing else

Reminder: 2/3 are 5+ years since diagnosis

NIH Promis® items



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



36



NACES Pain data

- 🥁 Approximately 1/3 noted that pain interfered with:
 - ⊕ Family life and socializing with others
 - ⊕ Enjoyment of life
 - ⊕ Ability to concentrate
- 🥁 About 1/3=pain made patient feel depressed and discouraged
- 🥁 44.8%=pain was distressing

NIH Promis® items



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



37

NACES Fatigue data

- 🥁 About half:
 - ⊕ Interfered with thinking
 - ⊕ Made it difficult to organize thoughts
 - ⊕ Made more forgetful
 - ⊕ Finishing things
 - ⊕ Too tired to take a short walk
 - ⊕ Too tired to do errands
 - ⊕ Limited social activities

NIH Promis® items



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



38



NACES Fatigue data

- 🥁 2/3 or more
 - 🕒 Felt tired when hadn't done anything
 - 🕒 Ran out of energy
- 🥁 44.8%= Too tired to leave home

Reminder: 2/3 are 5+ years since diagnosis

NIH Promis® items



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



39

NACES Social QoL

- 🥁 Most (87.3% (n=722) said their social QOL was okay, good or excellent
- 🥁 Almost 1/3 (n=268; 31.5%) said they had too much support (overwhelming); 18.2% (n=155) said they had not enough or no support
- 🥁 26.7% (n=133) said cancer/treatment created a problem with their jobs very often or constantly



Burhansstipanov, Native American Cancer Research Corporation (NACR);
1-800-537-8295; <http://www.NatAmCancer.org/>



40

