Well Elder’s Clinic: A Model for Indian Country

Roman M. Hendrickson, MD, Staff Physician, Fort Peck Service Unit, Poplar, Montana

“Look upon the faces of our elders with humility. They do not have to lecture or teach to impart the energy of the creator to those who seek it.” — Crosslin Smith, Traditional Healer, National Indian Council on Aging (NICOA) 2000

Introduction

The challenge of integrating preventive and early disease identification strategies into the routine care of elders caused us to implement a multidisciplinary clinic for “well elders” at the Fort Peck Service Unit, which began in February 2000.

As better clinical information emerges and advances in diagnosis and treatment occur related to geriatric care, primary care providers are called upon to offer increased amounts of preventive services, early disease identification, screening, and health education to our elders. In the conventional and customary episodic care model, preventive services sometimes suffer in all age groups, and sometimes only acute and previously diagnosed chronic problems may be addressed. Primary care providers from varying backgrounds may have significant differences in their emphasis on, belief in, or understanding of the need for preventive services for elders. Inconsistent geriatric skills among providers may also act as a variable when trying to assure consistent geriatric care.

Our Well Elders Clinic was modeled loosely on the successful Well Child Clinic in place at our Indian Health Service facility in Fort Peck, Montana. The process that evolved sought to target common geriatric problems or syndromes and those health conditions for which evidence-based guidelines have been generated. Where possible we incorporated existing, commonly employed, validated geriatric screening instruments. Utilizing a designated “Well Elders Nurse,” appointments with a physician and other health disciplines are coordinated. Standardized Patient Care Component (PCC) overprints are utilized to document the results of the physician encounter.

The Process

The Elders Clinic nurse calls each elder in advance to discuss what the clinic will offer them and schedules them accordingly. This may include assisting them to arrange transportation if necessary. Well Elders Clinics are scheduled in our Poplar, Montana facility on Thursday mornings, and on Wednesday mornings in our Wolf Point Clinic. This scheduling allows the clinics to be scheduled simultaneously with our Well Child Clinics. At these times, multiple disciplines are available to participate, including Dental, Optometry, Audiology, Podiatry, Exercise Physiology, Dietary, Laboratory, and Public Health Nursing. Scheduling of appointments with the other disciplines is coordinated with the elders, but may not necessarily occur on the same day, depending on appointment availability and the desires of the elder. Most elders seem to prefer not to spend more than two to three hours at the clinic at any one time.

The clinic is open to all elder patients, but priority is given to those over 65 and those age 55 and over with significant chronic disease. The clinic’s goal is to offer all elders at least one evaluation every year.

In this Issue...

1. Well Elder’s Clinic: A Model For Indian Country
2. Comprehensive Geriatric Assessment in the Real World - the World of Indian Health
3. Recent Updates in the Health Maintenance Reminders Section of the PCC Health Summary
4. Navajo Area IHS Wears New Hat in Video Arena
5. Magnets in the Emergency Room Revisited
6. Training for Cancer Support Group Leaders is Available
7. Position Vacancies
8. Second NMGEC Summer Geriatrics Institute Coming Up
9. Meetings of Interest
Patients are scheduled every 45 minutes, with a total of 5 openings per clinic, per provider. This schedule should allow the service unit to offer an annual evaluation to all individuals over age 60. Currently only one provider, who is board certified in Geriatrics, offers the preponderance of care to the patients in the Well Elders Clinic. Patient choice of provider is, however, honored when possible.

A standardized overprinted “Geriatric PCC” is utilized for documentation (see Figure 1). A “Functional Assessment PCC” (see Figure 2), and a “Mental Status PCC” (Figure 3), are also completed by the provider during the patient encounter.

Laboratory tests performed on each patient include a complete blood count, chemistry profile, urinalysis, thyroid stimulating hormone level, lipid profile, vitamin B-12 level, and prostate specific antigen (PSA) in men. Laboratory studies are not performed if they have been done in the preceding 12 months, unless some other indications to do them exist. A resting 12-lead EKG (electrocardiogram) is also done unless one has been performed in the preceding 12 months.

The findings of the evaluation are discussed with the patient, or with family if the elder so prefers. Changes in medications or therapies are reviewed, and appropriate follow up is scheduled. Referrals are made based on indications for mammography (up to age 70), bone densitometry, diabetes team, cardiac rehabilitation, physical therapy, and other providers.

**Preliminary Impressions**

After the first six months of offering our Well Elders Clinic, we have seen slightly more than 50 patients. The most difficult problem encountered has been to convince the elders of the benefits that this clinic has to offer them. More than 65% of those elders contacted have refused the offer of an appointment. Many elders have for their entire life been exposed only to episodic care, with the exception of the females who have received Papanicolaou smears and breast exams. The concept of a preventive visit is a new and untested issue for the elders of our service unit. Yet, of those elders who did schedule a visit, the average length of time since they had last seen a provider was only 40 days (range 6 to 3144 days).

Despite the fact that generally our elders have been seen frequently by providers (averaging more than 10 encounters per year), and that in the recent past, a substantial number of new diagnoses had been added and/or changes in medications or therapy had been made, over 70% of the patients evaluated through the clinic had a new diagnosis of a chronic problem or condition added. Likewise more than 70% of patients seen through the clinic have had their medications modified. The most common new diagnoses made, in order of frequency, were the following: balance disorders including parkinsonism, benign prostatic hypertrophy, urinary incontinence, affective disorders, osteoporosis, hearing or visual complaints, dementia, and dental problems.

System issues identified thus far include the following: a need for funding for a dedicated clinic coordinator and case manager, an enhanced database other than the RPMS (Resource and Patient Management System) now in use, a significant need for expanded funding for and availability of dentures for the elderly, and a need for expanded, barrier-free housing and assisted living facilities for elders in our community.

Although our numbers are small and our data are not statistically significant, there are some important lessons that can be gleaned from our preliminary experiences. We are anxious to hear from any other sites in Indian Country that have implemented similar approaches.
COMMENTSARY

Comprehensive Geriatric Assessment in the Real World — the World of Indian Health

Bruce Finke, MD, Coordinator, IHS Elder Care Initiative, Zuni, New Mexico

Over the last two decades, comprehensive geriatric assessment (CGA) has become an accepted component of quality geriatric services. What is comprehensive geriatric assessment? It is a multidisciplinary process by which an elder is evaluated in a variety of ways, with the aim being to identify health and functional problems or risks, and then developing, implementing, and monitoring a plan to address those problems or risks. The overall effort is aimed at improving quality of life and function for the elder.

A great many models have been described, and a number of those models have been studied, with different studies showing positive outcomes for the process in improving quality of life, improving or slowing the decline of function, decreasing inappropriate prescribing, or enhancing diagnostic accuracy. Campion has also described the positive effect of this process on the local health care system itself, in terms of improved overall geriatric care.

An IHS workgroup in the early 1990s recognized CGA as an important step in developing a competent system of geriatric care in the Indian health care system. But translating new models of health care delivery described in the literature to the unique settings in which we practice is not easy. What we can create in our particular setting often does not look like what we have read about. Even translating from one Indian health care site to another can be difficult. We have differing resources, differing cultures, and differing geographies.

In this issue of THE PROVIDER ("Well Elder’s Clinic: A Model for Indian Country"; THE IHS PROVIDER, Volume 26, Number 1, pages 1-3, January 2001), Dr. Hendrickson describes one model of CGA, in its early stages, in Fort Peck, Montana. Other models of CGA are in place or in development in Southern Colorado Ute, Yakima, Santa Fe, Zuni, and elsewhere. Each of these models translates the process differently. Can these efforts be a guide to others in making this translation?

The IHS Elder Care Initiative is collaborating with the New Mexico Geriatric Education Center (NMGEC) to develop a manual of comprehensive geriatric assessment in Indian Country. We will take advantage of the work of Dr. Hendrickson and others who have developed a variety of models for CGA in Indian health care settings. The manual will describe these programs and provide the tools and processes they use. We plan to have the manual completed by June 2001, and intend to use it in the special half day session at the New Mexico Geriatric Education Center (NMGEC) Summer Geriatric Institute devoted to developing comprehensive geriatric assessment in Indian health care settings.

In everyday clinical practice, we work hard to translate between languages and cultures to provide quality health care. With comprehensive geriatric assessment we must extend that process to translate an innovative model of care to Indian health care settings in order to bring state-of-the-art care to American Indian and Alaska Native elders.

References
Several changes have recently been completed in the Health Maintenance Reminders section of the Patient Care Component (PCC) Health Summary, changes that we hope will make these reminders significantly more useful to you. In particular, those reminders have been updated so that their default settings are consistent with the most recent recommendations of the U.S. Preventive Services Task Force (USPSTF) and, secondly, those defaults can now be modified in useful ways at each individual PCC site so that you can locally define what they should be. In this article we will review those changes in more detail so that you will be aware and can use this tool as effectively as possible.

Updated Standards

The first major change in the reminders is that the defaults have been updated. For those parameters specifically addressed by the USPSTF, the defaults are consistent with their latest recommendations (version 2.0). In instances where the PCC had an existing health reminder that the USPSTF does not currently recommend for routine use, that reminder is turned off in the default distribution but is still available to you if locally you wish to turn it on. For those reminders not specifically addressed by the USPSTF, we followed the recommendations of other appropriate groups (e.g., the Advisory Committee on Immunization Practices for immunizations) or consulted with an IHS Chief Clinical Consultants (CCC) (e.g., William Green, MD, Pediatrics CCC, on some of the childhood reminders) to determine a widely accepted and appropriate standard. But whether or not you agree with each and every one of these default standards, the second major change, the ability to customize these reminders locally, will allow you to readily modify any of these defaults to your preferences.

Local Customization

The second major change in the Health Reminders section is that the PCC will allow you to customize existing reminders to fit your locally determined standards. First, you can turn on a reminder that has been turned off in the default distribution merely by changing a site parameter as described below. Similarly, one that has been turned on can be turned off. For example, while a Pap reminder is turned on in the default distribution, the reminder for a pelvic exam has been turned off. If your site would still like this reminder to be displayed in your Health Reminders sections, you can accomplish this by turning the default on as described below.

Secondly, any of the existing reminders can be modified locally within the parameters of age-range, frequency, and sex. For example, in the default package, the mammography reminder is set to look for an annual mammogram in females between the ages of 50 and 69, inclusively. If your site would prefer that it look for an annual mammogram between 40 and 49 and then every other year between 50 and 74, you can do so by modifying the age-range and frequency parameters as described below.

Diabetes-Specific Reminders

Another change in this new version is that all of the diabetes-specific reminders for patients with diabetes have been removed from the general Health Reminders section, but retained in the special Diabetes Supplement to the Health Summary. The diabetes screening reminder (screening patients who are not known to have diabetes to see if they do) has been left in the general Health Reminders section, although it is turned off in the default distribution. This change removes unnecessary duplication, decreasing the size of the printed health summary.
Default Reminders
A summary of the reminders, their default logic, and whether or not they are turned on or off in the default distribution are shown in Table 1.

Table 1. Health Reminders in the new version

<table>
<thead>
<tr>
<th>Reminder Name</th>
<th>Default</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blood Pressure</td>
<td>On</td>
<td>Every 2 years starting at age 3. If over age 21, increase to: 1) Annually if last diastolic BP between 85 and 89 inclusive; 2) Next visit if last systolic BP &gt;139, diastolic BP &gt;89. Cancel reminder if hypertension on the problem list.</td>
</tr>
<tr>
<td>Breast Exam</td>
<td>Off</td>
<td>This prompt will be turned off in the default package (Although turned off, default prompt is: Every year for females starting at age 20.)</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>On</td>
<td>Every 5 years in men between 35-64, inclusive, females between 45-64, inclusive.</td>
</tr>
<tr>
<td>Colorectal CA Screen - Fecal Occult Blood</td>
<td>On</td>
<td>Every year starting at age 50. Cancel reminder if problem list diagnosis of colorectal cancer.</td>
</tr>
<tr>
<td>Colorectal CA Screen - Sigmoidoscopy</td>
<td>Off</td>
<td>This prompt will be turned off in the default package. (Although turned off, default prompt is: Sigmoidoscopy every 5 years starting at 50.) Turn off if sigmoidoscopy, BE, or colonoscopy within last 5 years.</td>
</tr>
<tr>
<td>Diabetes Screening</td>
<td>Off</td>
<td>This prompt will be turned off in the default package. (Although turned off, default prompt is: Every three years starting at age 18, unless a blood sugar has been recorded within the past three years; cancel prompt if diabetes is on the problem list.)</td>
</tr>
<tr>
<td>Hct/Hgb</td>
<td>On</td>
<td>At 12 months (unless done between age 9-12 months). At age 4 (unless done between ages 3-4).</td>
</tr>
<tr>
<td>Head Circumference</td>
<td>On</td>
<td>At or after birth, 2 mo., 4 mo., 6 mo., 12 mo., 18 mo., 2yrs. Cancel prompt after age 3. For example, if patient is 5 mo., check to make sure a HC was done at or after 4 mo.</td>
</tr>
<tr>
<td>Hearing Inquiry</td>
<td>On</td>
<td>Starting at age 65, every 2 years.</td>
</tr>
<tr>
<td>Hearing Test</td>
<td>On</td>
<td>At age 4 (unless done between ages 3-4).</td>
</tr>
<tr>
<td>Height</td>
<td>On</td>
<td>At or after birth, 2 mo., 4 mo., 6 mo., 12 mo., 18 mo. Then at or after age 2, 3, etc. annually to age 18. Once at or after age 18 up to 65. Annually starting again at 65.</td>
</tr>
<tr>
<td>Immunizations</td>
<td>On</td>
<td>Per the RPMS Immunization Package.</td>
</tr>
<tr>
<td>Influenza</td>
<td>On</td>
<td>Beginning on September 1 and ending on April 1: 1) every year starting at age 65, and 2) every year at any other age if patient has had a visit for any of the ICD codes in the “Surveillance Pneumococcal Risk” taxonomy.</td>
</tr>
<tr>
<td>Mammogram</td>
<td>On</td>
<td>Every year in females between ages 50 and 69, inclusive. No need to cancel if breast cancer is on the problem list.</td>
</tr>
<tr>
<td>Pap Smear</td>
<td>On</td>
<td>Every 3 years in all females starting at 18 if no history of hysterectomy. If Hx of hysterectomy, display date of last Pap and under “Due date” display this text: “Patient has had hysterectomy. Pap may be needed based on clinical assessment.”</td>
</tr>
<tr>
<td>Pelvic Exam</td>
<td>Off</td>
<td>This prompt will be turned off in the default package.</td>
</tr>
<tr>
<td>Physical Exam</td>
<td>Off</td>
<td>This prompt will be turned off in the default package. (Although turned off, default prompt is: every year starting at age 18.)</td>
</tr>
<tr>
<td>Pneumovax</td>
<td>On</td>
<td>Once 1) starting at age 65; or 2) if Problem List Dx in the “Surveillance Pneumococcal Risk” taxonomy. Repeat once, 5 years after first, if Problem List Dx in the “High Pneumococcal Risk” taxonomy or anyone over 65 who had first dose before 65.</td>
</tr>
</tbody>
</table>

Setting Your Site Parameters
With this upgrade to the Health Summary there is a new set of options called “Health Maintenance Reminders” that is available under the Health Summary Maintenance menu.
### Table 1. Health Reminders in the new version (continued)

<table>
<thead>
<tr>
<th>Task</th>
<th>Default Status</th>
<th>Frequency and Age Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumovax Revaccination (Alaska)</td>
<td>Off</td>
<td>Once 1) starting at age 55; or 2) if Problem List Dx in the “Surveillance Pneumoccocal Risk” taxonomy. Repeat once, 5 years after first, in all patients.</td>
</tr>
<tr>
<td>Rectal</td>
<td>Off</td>
<td>This prompt will be turned off in the default package. (Although turned off, default prompt is: every year starting at age 40.)</td>
</tr>
<tr>
<td>Screening for Problem Alcohol Use</td>
<td>On</td>
<td>Every year starting at 13.</td>
</tr>
<tr>
<td>Screening for Tobacco Use</td>
<td>On</td>
<td>Every year starting at 13.</td>
</tr>
<tr>
<td>Strabismus/Amblyopia Screen</td>
<td>On</td>
<td>At age 3 (unless done in previous year).</td>
</tr>
<tr>
<td>Td-Adult</td>
<td>On</td>
<td>Every 10 years starting at age 12.</td>
</tr>
<tr>
<td>Tonometry</td>
<td>Off</td>
<td>This prompt will be turned off in the default package. (Although turned off, default prompt is: every 3 years starting at age 40, then every year starting at age 60.)</td>
</tr>
<tr>
<td>Tuberculosis</td>
<td>On</td>
<td>PPD at age 4 (unless done between age 3-4) and again at age 11 (unless done between 9-11). Cancel reminder if any tuberculosis diagnosis (other than tuberculosis contact) on Problem List.</td>
</tr>
<tr>
<td>Urinalysis</td>
<td>Off</td>
<td>None. Do not prompt for urinalysis in the default package.</td>
</tr>
<tr>
<td>Visual Acuity Exam</td>
<td>On</td>
<td>Starting at age 65, every 2 years.</td>
</tr>
<tr>
<td>Weight</td>
<td>On</td>
<td>At or after birth, 2 mo, 4 mo, 6 mo, 12 mo, 18 mo, 2yr; annually after that.</td>
</tr>
</tbody>
</table>

The menu is displayed below:

```plaintext
******************************************************************************
** IHS Health Summary **
** Health Maintenance Reminder Menu **
******************************************************************************

Version 2.0

OD  Display One Health Maintenance Reminder Description
AI  Activate/Inactivate a Health Maintenance Reminder
BH  Browse Health Summary
HS  Generate Health Summary
LS  Add/Modify Locally Defined HM Reminder Criteria
PR  Print Health Maintenance Item Protocols

At the local level the site may opt to activate or inactivate individual reminders. This is done using the “AI” option above. The user first selects the reminder and then edits the active/inactive flag appropriately. If the flag is set to active and the reminder is defined as a part of a particular type of Health Summary, it will be displayed on that summary. If the flag is set to inactive, it will not.

The second aspect of a reminder that can be modified locally is its parameters for age-range, frequency, and sex. This is done using the “LS” option. The user first selects the reminder and then specifies the gender, minimum and maximum ages, and frequency for that reminder. Multiple frequencies can be individually specified for various combinations of sex and age-ranges. These locally defined criteria are then the criteria used to generate the reminders in the Health Reminders section of the Health Summary and the default criteria are ignored.

An addendum to the PCC Health Summary user manual will accompany the patch to the software and will describe in detail how to use these options. We anticipate that document will be available in February 2001 from the Information Technology Support Center’s (ITSC) web pages within the IHS Internet web site.

**Patch Needed**

This new version of the Health Maintenance Reminders section of the PCC Health Summary can be added to you local PCC system by installing the following patch:

PCC Health Summary (APCH) Version 2.0 patch 5

This patch will be available in February 2001 and can be obtained through your local site manager or Area Office Information Systems support personnel.

**Further Help**

In this article we have summarized the changes in the new
version of the Health Maintenance Reminders section of the PCC Health Summary and described how you can use them. If you have additional questions or need help, please contact Cimarron Medical Informatics, preferably by sending an e-mail copied to all four of the following addresses: garyl@newnorth.net, DRuss4440@aol.com, showman@pacifier.com, and butcherla@aol.com. Because of frequent travel commitments, one of those individuals will likely be able to respond more promptly if you contact them by e-mail. If it is more convenient for you to try to reach Cimarron by telephone, you should, in turn, try Gary Lawless at (715) 358-3763, Dorothy Russell at (520) 743-3275, Steve Bowman at (360) 571-5362, and Lori Butcher at (520) 577-2146. Finally, if your question remains unresolved, please do not hesitate to contact the ITSC help desk at (505) 248-4371 or (888) 830-7280.

Navajo Area IHS Wears New Hat in Video Arena

Gayle Williamson, Media Specialist, Four Directions Health Communications, Health Promotions, Northern Navajo, Medical Center, Shiprock, New Mexico

It’s been one year since Norman Patrick Brown’s video, Liy Biyiin, premiered to a special Native American audience at Sundance Film Festival. A video about diabetes prevention is not the usual fare at such a prestigious gathering of film makers, critics, and film lovers. But, Liy Biyiin, or “Horse Song,” is not the usual film fare, and the fact that the Indian Health Service funded this video is even more remarkable. . . and commendable.

Horse Song is about Jack White, a rural, traditional Navajo man, whose puzzling health, both physical and emotional, has been a source of concern and irritation for the entire family. Jack is obstinate in his refusal to go to the Indian hospital where “all they ever do is ask you personal questions and stick things in you.” But soon Jack’s condition worsens. Finding out he has diabetes, Jack begins his difficult journey back to health and harmony, including denial, frustration, learning, acceptance, and rediscovering the man he used to be and the family he loves.

The title, Liy Biyiin, says a lot about Brown’s lifelong commitment to making films and videos that are purely Navajo. It was shot in Cove, Arizona on the Navajo Reservation, all the actors are Navajo, and it is in the Navajo language with English subtitles. Collaborating with many health professionals at Northern Navajo Medical Center and other diabetes programs serving the Navajo Nation, Brown was able to deliver important information about diabetes while entertaining and evoking the kind of emotions that can lead to healthy lifestyle changes.

This 60 minute video was produced by Four Directions Health Communications, which is the media facility at Northern Navajo Medical Center in Shiprock, New Mexico. It is available, along with a group discussion guide, and at no charge, to any group or individual concerned about the health of their community. For more information, call Four Directions at (505) 368-6499.

Because it is uniquely Native American, and because it has English subtitles, Four Directions believes all tribes would benefit from the story of Horse Song.
Magnets in the Emergency Room Revisited

Editor:

I’d like to add my voice to that of pharmacist Cynthia Carter in support of keeping magnets in the ER (“Do you Have a Magnet in Your Emergency Room?” The IHS Provider, Volume 25, Number 11, Page 174, November 2000). In addition to removing some superficial ocular foreign bodies, they can be valuable retrieving ferrous metallic objects from soft tissues elsewhere.

In the ER (OK, “urgent care department”) at Lame Deer in Montana, we kept a powerful cylindrical magnet handy. The end fits neatly into the socket of a steel cap, which tapers into a narrow but blunt probe. This probe can be inserted along the track left by a steel air rifle “BB” until it contacts the BB with a palpable click. By wiggling the magnet while massaging the BB, it is possible to extract the small projectile without resorting to a scalpel. I have also used the magnet, sometimes in concert with soft tissue X-rays, to localize sewing needles imbedded in heels. While in these cases a scalpel is sometimes necessary, I can go to the precise site where a hemostat can complete the job — with no fishing expeditions, and minimal tissue trauma.

Our clinic burned to the ground in 1996, and I haven’t seen one of those intense little stainless steel magnets since. Does anyone know of a medical or technical supplier who could put us back in business? It would be an interesting (magnetic) field...

Jon Hauxwell, MD
Medical Officer
Area Office
Billings, Montana

Training for Cancer Support Group Leaders is Available

The IHS Epidemiology Program continues to sponsor training for American Indian and Alaska Native people interested in starting cancer support groups in their own communities. The 4½ day training format includes lecture/discussion, group simulation, and education materials. The ideal support group leader is a cancer survivor, a family member, or a close friend who has shared the cancer experience.

The next training is scheduled for April 23-27, 2001 in Albuquerque, New Mexico. Our program will provide reimbursement for travel, tuition, and expenses for a limited number of people. For more information, please contact Roberta Paisano by phone at (505) 248-4132; or e-mail roberta.paisano@mail.ihs.gov.
Change of Address or Request for New Subscription Form

Name ___________________________________________ Job Title ______________________________
Address ________________________________________________________________________________
City/State/Zip __________________________________________________________________________

Worksite:  ☐ IHS   ☐ Tribal   ☐ Urban Indian   ☐ Other
Service Unit (if applicable) ____________________________ Social Security Number __________________

Check One:  ☐ New Subscription  ☐ Change of address

If change of address, please include old address, below, or attach address label.

Old Address ____________________________________________________________________________

THE IHS PRIMARY CARE PROVIDER

THE PROVIDER is published monthly by the Indian Health Service Clinical Support Center (CSC), Telephone: (602) 364-7777; Fax: (602) 364-7788; e-mail: the.provider@phx.ihs.gov. Previous issues of THE PROVIDER (beginning with the February 1994 issue) can be found at the CSC home page, www.csc.ihs.gov.

Wesley J. Picciotti, MPA ........................................... Director, CSC
John F. Saari, MD ................................................................. Editor
Thomas J. Ambrose, RPh
E.Y. Hooper, MD, MPH ...................................Contributing Editors
Cheryl Begay ................................................. Production Assistant
Elaine Alexander, RN ....... Exec.Leadership Dev. Prog. Coordinator
Theodora R. Bradley, RN, MPH ........................Nursing Consultant
Erma J. Casuse, CDA ................... Dental Assisting Training Coord.
Edward J. Stein, Pharm D ......................... Pharmacy Consultant

Opinions expressed in articles are those of the authors and do not necessarily reflect those of the Indian Health Service or the Editors.

Circulation: THE PROVIDER (ISSN 1063-4398) is distributed to more than 6000 health care providers working for the IHS and tribal health programs, to medical and nursing schools throughout the country, and to health professionals working with or interested in American Indian and Alaska Native health care. If you would like to receive a copy, send your name, address, professional title, and place of employment to the address listed below.

Publication of articles: Manuscripts, comments, and letters to the editor are welcome. Items submitted for publication should be no longer than 3000 words in length, typed, double spaced, and conform to manuscript standards. PC-compatible word processor files are preferred. Manuscripts may be received via e-mail.

Authors should submit at least one hard copy with each electronic copy. References should be included. All manuscripts are subject to editorial and peer review. Responsibility for obtaining permission from appropriate tribal authorities and Area Publications Committees to publish manuscripts rests with the author. For those who would like more information, a packet entitled “Information for Authors” is available by contacting the CSC at the address below or on our website at www.csc.ihs.gov

Dept. of Health and Human Services
Indian Health Service
Clinical Support Center
Two Renaissance Square, Suite 780
40 North Central Avenue
Phoenix, Arizona 85004

CHANGE SERVICE REQUESTED

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

PRESORTED STANDARD
POSTAGE AND FEES PAID
U.S. DEPT. OF HEALTH & HUMAN SERVICES
PERMIT NO. G-290