
The NIC/NOC Letter

**A publication of the Center for Nursing Classification
Sponsored by Mosby Year Book**

Nursing Interventions Classification/Nursing Outcomes Classification

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The Nursing Interventions Classification (NIC) is a comprehensive standardized language to describe the treatments that nurses perform. The Nursing Outcomes Classification is a comprehensive standardized language to describe patient outcomes sensitive to nursing treatments. The Classifications are useful in planning and documenting care, in communicating the essence of nursing to others, and in the development of large databases for research on the effectiveness of nursing care. The research to develop the Classifications is facilitated by the Center for Nursing Classification at the College of Nursing, The University of Iowa. The purpose of this newsletter is to provide current information about the Classifications.

1st ANNUAL REPORT FOR CENTER COMPLETED

The first annual report for the Center for Nursing Classification was finished and distributed in September. It contains an overview of the accomplishments of the past year, publications and presentations by team members, participation by students, a report of revenue and expenses, and an acknowledgement of contributors to the endowment fund. Major parts of the report can be found on the Center's web site: <http://www.nursing.uiowa.edu/cnc>.

NIC 3 AND NOC 2 COMING SOON

The books will be published sometime in the next few months with a year-2000 copyright. NIC 3 includes 486 interventions and NOC 2 includes 260 outcomes. NIC has 58 new interventions and 98 revised interventions; NOC has 70 new outcomes and 20 revised outcomes. NIC 3 includes a new community domain with 2 classes of interventions and a new class in the family domain (for a total of 7 domains and 30 classes). NOC 2 has 7 domains, including family and community health, and 29 classes. The introductory chapters for each book have been totally revised and updated and updated linkages with NANDA diagnoses are included in both books. Both books include samples of implementation forms used in various practice and education facilities that have implemented the classifications. The books will be produced and marketed together, although each may be purchased separately. The two research teams wish to thank all those who submitted suggestions for new and revised outcomes and interventions. Individual names of submitters are included in each of the books.

ANA PASSES STANDARDIZED LANGUAGE RESOLUTION

(Submitted by Judy Collins, President of the Iowa Nurses Association)

In June, at the American Nurses Association convention, three states proposed a resolution that was passed to support the implementation of standardized language nationally. Judy Collins reports, "After having a difficult time at the 1998

ANA House of Delegates, the sponsors of the resolution, "Standardized Nursing Language Implementation Initiative" were welcomed and supported by the delegates. The purposes of the resolution include: 1) advocating the timely implementation of standardized nursing languages, including the Nursing Management Minimum Data Set and 2) coordinating educational activities to orient nurses to the benefits of standardized nursing language. The debate on the issue was all positive. No longer were the comments about acuity based documentation. Although we were prepared for political pressure, it was quite a celebration. Delegates encouraged ANA to be a clearing house and resource for state nursing associations or other groups rather than doing it again. We need to get educational materials and test sites out there so that ANA can refer groups to them." For more information contact Judy at collings@genesishealth.com. (Prior to the ANA resolution, four states (Iowa, Michigan, Minnesota, and Nebraska) had passed a similar resolution.)

NOC RESEARCH UPDATE

The NOC continuation research to evaluate the measurement scales continues to progress. The sampling plan for evaluating outcomes in the various sites is completed and a training meeting was held in Iowa City July 16, 1999. Three sites have begun data collection—The Alverno Health Care Facility in Clinton, Iowa; Mayo Medical Center in Rochester, Minnesota; and Advocate Health Care Parish Nurses in Chicago, Illinois. The staff at all three sites are enthusiastic and have been wonderful to work with. In addition to beginning evaluation of the measurement scales, surveys have been sent to specialty organizations and nurse members of these organizations to identify the outcomes most relevant for their areas of practice.

NANDA, NIC, and NOC LINKAGES

The Principal Investigators of NIC and NOC (Gloria Bulechek, Marion Johnson, Meridean Maas, Joanne McCloskey, and Sue Moorhead), with leadership from Marion Johnson, are constructing the linkages and preparing the manuscript for a book that will link NANDA diagnoses, NOC outcomes, and NIC interventions. This work, based on expert judgement, builds on previous linkage work that has been done between the various classifications. The book will be available from Mosby Year Book in the late spring 2000. A software program based on the linkages is also planned.

LINKAGES WITH OASIS AND RAP

Also in progress is work to link NIC interventions and NOC outcomes with the OASIS (Outcome and Assessment Information Set) outcomes that are now mandated for collection for Medicare/Medicaid-covered patients receiving skilled home

care services, as well as the RAP (Resident Assessment Protocols) used in long term care. NIC linkages with OASIS are being done by Joanne McCloskey, Gloria Bulechek, Barbara Head, and Research Assistants in cooperation with Larry Hertel, Agency Administrator, Professional Home Health Service, Cedar Rapids, IA. NOC linkages with OASIS are being done by Marion Johnson, Research Assistants, and members of the NOC research team. Linkages with the RAP were initiated by Sister Ruth Cox of Alverno Health Care System in Clinton, IA and are being reviewed by Meridean Maas and Janet Specht. We hope to have publications of these linkages available from the Center by January 2000.

INFORMATICS/CLASSIFICATION INSTITUTE

The Center was the co-sponsor of the first Iowa informatics/classification summer workshop, held June 15-19, 1999 in Iowa City, IA. Forty individuals from 12 states and 2 other countries participated in this 5-day immersion experience. The institute focused on the design, implementation, and evaluation of state-of-the-art nursing information systems that support evidenced-based professional nursing practice. The Institute emphasized in-depth, current information on the classifications of NANDA, NIC, and NOC. Field visits to 3 implementation sites and dialogue with developers and users were a part of the experience. Other topics included data repositories, strategies for building knowledge from databases, tele-nursing innovations, legal mandates, ethical issues related to the computer-based patient record and nursing information systems, and image analysis innovations in nursing. Keynote speakers for the Institute included: Christopher Chute, Head of Medical Information Resources, Mayo Medical Center in Rochester, MN; Rita Zielstorff, Corporate Manager, Partners Healthcare Systems, Inc., Boston, MA; Sal Bognanni, Vice President Health Management, Wellmark Inc. Blue Cross Blue Shield, Des Moines, IA; and Leslie Nichol, Editor of Computers in Nursing, University of Southern Maine, Portland, ME. Numerous individuals from the College, University Hospital, and other parts of the University participated to make the event a big success. A second Institute is planned for next year—see below.

MARK YOUR CALENDARS—2nd INFORMATICS/CLASSIFICATION INSTITUTE—JUNE 10-13, 2000

Planning is underway for the second Institute, to be held in Iowa City, June 10-13, 2000. The second Institute will also consist of site visits to area agencies using NIC and NOC and will feature presentations by these organizations and others around the country who have or are implementing standardized language. There also will be presentations by national speakers related to the state-of-the-art in informatics. The Institute will be 3 ½ days long (reduced from 5 days due to participant feedback). Registrations will again be limited to 50. To get your name on the mailing list for the brochure, which will be available sometime early next year, call Jennifer Clougherty at 319-335-7119 or e-mail jennifer-clougherty@uiowa.edu.

HOSPITAL SELECTS STANDARDIZED NURSING LANGUAGE TO DOCUMENT NURSING PRACTICE
(Submitted by Mary Paternoster, RN, BS, Operations Specialist, Grant/Riverside Methodist Hospitals, Columbus, Ohio)

Grant/Riverside Methodist Hospitals is a 1,689 bed tertiary acute care facility located in Columbus, Ohio. The hospital is a merged member of the Ohio Health system which serves 46 counties in Ohio. Fiscal year admissions for 1999 were 71,517. Organized around service lines, the discipline of nursing selected the classifications of NANDA, the Nursing Interventions Classification (NIC) and the Nursing Outcomes Classification (NOC) as the language for the documentation of nursing practice. The nationally recognized classification systems were selected to integrate nursing standards of care and practice to support the hospital's integration and standardization efforts. Since 1997, standardized nursing language has been used to communicate and document nursing care and practice across the continuum of care and to advance the knowledge base of nursing practice. Standardized nursing language has been incorporated into the documentation system to include the concepts of assessment, planning, implementation and evaluation. Many documentation forms have been developed using standardized nursing language including: nursing admission assessments, patient care flow sheets (inpatient and outpatient), patient education and care planning documents. A multidisciplinary patient education form is currently being developed using the Nursing Interventions Classification and the Nursing Outcomes Classification. All hospital disciplines will be encouraged to document patient teaching interventions and activities and patient outcomes on this form. In addition to nursing documentation, the nursing organization is using NIC as the framework for initial and annual competency assessment for all levels of care. (For more information contact Mary at mpaterno@ohiohealth.com)

NEW ZEALAND TO HOST INFORMATICS CONFERENCE

(Submitted by Ann Browett, Chairperson Nursing Informatics New Zealand)

The 7th International Nursing Informatics Congress will be held at the Aotea Centre in Auckland, New Zealand April 28-May 3, 2000. The theme is "One Step Beyond: The Evolution of Technology and Nursing." The conference is hosted by the International Medical Informatics Association, Nursing Informatics (IMIA-NI) and Nursing Informatics New Zealand (NINZ). For more information, e-mail ninz@cmsl.co.nz or check out the web site: www.2000plus.co.nz.

NIC HELPS MAKE NURSING VISIBLE—An Example
(Submitted by Janet Williams, Associate Professor, College of Nursing, The University of Iowa)

The Department of Health Services (DHS) of the state of California was recently writing rules and regulations for a new law, requiring licensing for genetic counselors. In the original rules, it appeared that nurses (but not physicians) would be excluded from discussing genetic information with their patients. The International Society of Nurses in Genetics, Inc. (ISONG), the California Board of Nursing, and other nursing organizations met with the Director (a physician) of the DHS to resolve this problem. One issue was whether genetic counseling is within the scope of practice for nurses. Two documents were cited which brought that discussion to a satisfactory conclusion. One was the Scope and Standards of Clinical Genetics Nursing Practice, approved last year by the ANA, and the other was the Genetic Counseling intervention in NIC. Once these were cited, there were no more questions on that point. Thank you for your

work to define nursing interventions and for making it possible for nurses, and others, to clearly see this aspect of nursing practice.

(**Note:** The 3rd edition of NIC contains two genetic interventions: Genetic Counseling and Risk Identification: Genetic. We thank Janet for her work on these interventions.)

STANDARDIZED LANGUAGE WORKSHOP IN SLOVAK REPUBLIC

(Submitted by Pamela Willard, Clinical Assistant Professor, University of Iowa College of Nursing)

Great interest in nursing classification systems on the part of a Slovakian nurse visiting the University of Iowa as a Fogarty trainee led me to develop and export a short course about nursing classification systems and nursing education. The workshop, given in the Slovak Republic under the auspices of the Fogarty International (NIH) Training and Research Program in Rural and Occupational Health and held for two days during June 1999, focused on NIC and NOC and their usefulness in nursing education and nursing practice. Workshop participants included 28 university nurse educators as well as nurse administrators from many regions of Slovakia and two university nurse educators from the Czech Republic. The group represented the nursing leadership of Slovakia. Workshop content was presented in English, with concurrent translation to the Slovak language. The information from the overheads had been translated and placed in individual notebooks for each participant to read while I was talking in English about the material.

Most nursing education in the Slovak Republic occurs as a three-year-long vocational training program which students begin at about age 16. Currently three universities offer a baccalaureate degree and efforts are underway to increase the enrollments in university-based baccalaureate and master's degree programs. Use of classification systems is seen as a way to professionalize the education process. Those present at the workshop were familiar with the terms NIC and NOC but not their mechanisms. They had been using NANDA, at least in a rudimentary way, for nearly ten years. The group was highly engaged in our presentations, and asked many good questions. They were realistic in saying that moving to use intervention and outcome classifications in nursing education would require adaptation to their in-country needs. Nursing in the United States is carried out at a much higher level than in Eastern Europe; and many of the interventions associated with nursing here would be the responsibility of physicians in Slovakia.

Communication about workshop topics has continued since the summer program and more follow up is anticipated. Issues related to translation of the NIC and NOC books, ACENDIO's work and how it may impact on what classification system is most appropriate for Europe are being explored. However, there definitely is a push to upgrade nursing in this region of the world and the NIC- and NOC-based workshop in June has been an impetus for and maybe served as a focal point for getting discussions begun.

NEW INTERVENTION BOOK

Just published: G. Bulechek and J. McCloskey (Eds.)(1999). Nursing Interventions: Effective Nursing Treatments, 3rd ed. Philadelphia: W.B. Saunders.

This third edition includes 43 chapters, each on a different NIC intervention. Each chapter author reviews the research base for

the intervention and then discusses how to implement the intervention. The authors identify related NANDA diagnoses and NOC outcomes for each intervention and use one or more case studies to illustrate use. An introductory chapter written by the editors gives current information about the NANDA, NIC, and NOC classifications. The interventions included in this book are: Abuse Protection: Child, Airway Management, Animal-Assisted Therapy, Chemotherapy Management, Communication Enhancement: Speech Deficit, Conscious Sedation, Constipation/Impaction Management, Culture Brokerage, Dementia Management, Exercise Promotion, Fall Prevention, Feeding, Fever Treatment, Fluid Management, Genetic Counseling, Health Education, Hypoglycemia Management, Intracranial Pressure Monitoring, Latex Precautions, Medication Management, Mood Management, Music Therapy, Pain Management, Patient Contracting, Patient Rights Protection, Pelvic Muscle Exercise, Positioning, Preparatory Sensory Information, Pressure Ulcer Care, Pressure Ulcer Prevention, Reminiscence Therapy, Shock Management, Sleep Enhancement, Smoking Cessation Assistance, Substance Use Prevention, Suicide Prevention, Surveillance, Sustenance Support, Therapeutic Touch, Teaching: Preoperative, Telephone Consultation, Urinary Catheterization: Intermittent, and Visitation Facilitation.

The book can be purchased through your local bookstores or from W.B. Saunders (fax 215-238-8483).

PARISH NURSES PUBLISH DOCUMENTATION BOOK

Recently published: Burkhart, L. and Solari-Twadell, A. (1999). Parish Nurse Documentation Applying NANDA, NIC, and NOC: Creating Common Communication Between Nursing Specialties. Park Ridge, IL.: International Parish Nurse Resource Center. According to the forward, the 92 page manual is to assist parish nurses to capture and communicate the uniqueness of their practice through documentation. "By practicing this information through the use of standardized nursing languages, not only will the practice of parish nursing be better understood by the profession of nursing, but key stakeholders also will come to understand the contribution that is being made by this specialty nursing practice. In addition, parish nursing will be able to document the important contribution whole person health promotion services can make to the continuum of care." (p.2) The manual teaches documentation using four coding systems: NANDA nursing diagnoses, Carpenito's collaborative problems, NIC interventions and NOC outcomes. (For more information about how to obtain a copy, call 1-800-556-5368 or send a fax to 857-692-5109.)

PLEDGE AND GIFT SUPPORT RECOGNIZED

The Center for Nursing Classification endowment fund is being built for the long- term support for the upkeep of NIC and NOC. Outright gifts are always appreciated but another mechanism that can be used to contribute is the pledge with payments over a period of time. We acknowledge the contributions of 17 donors who have made pledges to the Center in the past year:

Ammerman, Suzanne (\$1000 pledge)
 Baber, Ardith (\$1,000 pledge)
 Denger, Sue (\$1,000 pledge)
 Emergency Nurses Association (\$10,000 pledge)
 Gingerich, Ruth (\$1,000 pledge)
 Grandon, Carleen and Eugene (\$1,000 pledge)
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 Scheffel, Annette (\$350 pledge)
 Tigges, Joanne (\$1000 pledge)
 Volpp, Hollace (\$1000 pledge)

Other individuals who have made a contribution to the endowment fund since our last newsletter in June are:

Anonymous Donor
 Brown, Billye, Manchaca, TX *In honor of Myrtle Aydelotte*
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 Rakel, Barbara, Iowa City, IA
 Riesch, Susan, Middleton, WI
 Scherb, Cindy & Glenn, Kiester, MN

A permanent source of funding is necessary to provide a base of support for the Center to ensure ongoing stability. The endowment support has now reached \$430,000 with a goal of \$1million. All monetary gifts are welcome including deferred estate gifts. All gifts qualify as charitable contributions. The Center is one of the College's initiatives for the Nursing Centennial Campaign and is designated as one of the College's identified areas for the new university campaign. To make a contribution contact Wes Butterfield, Director of Development at 319-335-7006 or e-mail wes-butterfield@uiowa.edu. Checks can be made out to Nursing Classifications Fund—Account #30-612-071 and mailed to the University of Iowa Foundation, C/O Wes Butterfield, P.O. Box 4550, Iowa City, IA 52244-4550.

The NIC/NOC Letter, is published three times a year in February, June, and October. The newsletter is currently mailed to over 1,200 individuals in 49 states plus Washington, DC and Guam and 22 foreign countries, including Australia, Austria, Belgium, Brazil, Canada, China, Denmark, France, Germany, Iceland, Japan, Korea, Netherlands, New Zealand, Norway, Saudi Arabia, Spain, South Africa, Sweden, Switzerland, Taiwan, and the United Kingdom.

JOIN THE CLASSIFICATION CENTER LISTSERV

Newsletter subscribers are invited to join the listserv sponsored by the Center for Nursing Classification. The purpose of the listserv is to facilitate communication related to the Nursing Interventions Classification (NIC) and the Nursing Outcomes Classification (NOC). The list currently has over 300 subscribers representing perspectives of classification research, nursing service administration, nursing informatics and nursing education. The list is a good place to network with others interested in nursing classification development and implementation.

To join the list, send the following message:
 subscribe
 end

to: classctr-request@list.uiowa.edu

Put the two-word message in the "body" of your message, not on the subject line. Leave the subject line blank. Put each word on a separate line, as shown in the example above. You will receive a welcoming message with further instructions about commands used for the list.

If you need help with subscribing, contact the list manager at: barbara-head@uiowa.edu

New Product:

NOC Linked with Omaha Problems --

This 60-page monograph provides linkages between the client problems from the Omaha System and 2nd edition NOC outcomes. The linkage list facilitates the use of NOC to measure client outcomes with the Omaha System. Cost **\$10**
NOTE: Linkages of Omaha System problems with NIC 2nd edition are also available for \$10.

Other Recently Produced Products:

Compiled NIC/NOC Letters – The set includes copies of all of the newsletters from the first in 1993—through 1999. This is a good source of historical information about the NIC and NOC nursing classification research, issues, and developments in implementation. Cost **\$25**

NIC and NOC Bookmarks-- Four different bookmarks are available:

- 1) “Stress Reduction with NIC and NOC” features on one side 25 NIC interventions to Reduce Stress and on the other side 25 NOC outcomes to know when your stress is reduced;
 - 2) NIC interventions for the NOC outcome of Anxiety Control;
 - 3) NIC interventions for the NOC outcome of Quality of Life, and
 - 4) NIC interventions for the NOC outcome of Hope.
- Cost **\$1.00 for each** bookmark

Discontinued Product

The NIC Implementation Manual is no longer available from the Classification Center. Look for updated information on both NIC and NOC implementation in the upcoming editions of NIC and NOC. For more information on the new editions, contact Mosby at 1-800-426-4545; Fax Inquiries: 1-800-535-9935.

The Center for Nursing Classification appreciates the assistance of Mosby Year Book to provide this newsletter about nursing classification free of charge to those interested.

***Visit the Mosby website @
www.mosby.com***

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Sponsorship of this newsletter is provided by Mosby Year Book, the publisher for the NIC and NOC books.

MOSBY CONTACTS

Current contacts at Mosby related to purchasing, licensing, and copyright needs are as follow:

Barbara Cullen, NIC and NOC Executive Editor 215-238-8305

Permissions: Julie Lawley (Information - 215-238-7869;

Requests - FAX - 215-238-8483)

NOTE: Permission takes 4-6 weeks to process

Licenses: Barbara Cullen 215-238-8305

Marketing: Teresa Hajdu. 215-238-7856. FAX 215-238-8495.

HOW TO CONTACT THE CENTER FOR NURSING CLASSIFICATION:

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E-mail: classification-center@uiowa.edu

Website: <http://www.nursing.uiowa.edu/cnc>

SUBMISSIONS TO NEWSLETTER WELCOME

We welcome submissions to the newsletter. Please send them via e-mail or on disk to Barbara Head (barbara-head@uiowa.edu), Center for Nursing Classification, College of Nursing, The University of Iowa, Iowa City, IA. 52240-1121. Please indicate who is submitting the contribution, title and credentials, and how to contact someone for further information. Sharing of information assists all of us in the continued use and development of the classifications. All contributions will be reviewed and possibly edited by newsletter staff.

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Moving? Please call, e-mail, or make changes on the address below and mail this panel or photocopy to the Center for Nursing Classification.

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