Proceedings of the 6th ASIS SIG/CR Classification Research Workshop

October 8, 1995

Held at the 58th ASIS Annual Meeting October 9-12, 1995 Chicago, Illinois

Editors and workshop co-chairs:
Raymond P. Schwartz
Clare Beghtol
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Barbara H. Kwasnik
Philip J. Smith

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6TH ASIS SIG/CR CLASSIFICATI®N RESEARCH W®RKSH®P

Sunday, ⊕ctober 8th, 1995, 2:39 a.m. - 5:39 p.m. Chicage, Illineis

8:3	0.0	3.6	30	
			11.00	
9:0	0-1	0	:4	5

Registration and Introduction

Presentations

- Bavid Bubin, "The Search for Structure and the Search for Meaning"
- Colette Faucher, Marielle Gonzalez-Gomez, Eugene Chouraqui, "Semantic Classification of Instances in a Frame-based Representation"
- JoaoJose Peixoto Furtado-Vasco, Colette Faucher, Eugene Chouraqui, "Construction of Frame Hierachies using Machine Learning"
- Robert Godin, Brigitte Kerhervi, James Turner, "Classification and Automatic Indexing in a Persistent Object"
- Corinne Jorgensen, "Classifying Images: Criteria for Grouping as Revealed in a Sorting Task"
- Kavi Mahesh, Sergei Nirenburg, "Semantic Classification for Practical Natural Language Processing"
- Annelise Mark Pejtersen, Hanne Albrechtsen, Ringa Sandelin, Lena Lundgren, Riitta Valtonen, "The Scandinavian Book House: Indexing Methods and Opac Development for Subject Access to Scandinavian Fiction Literature"

12:30-2	:00:	L	unch	
2:00-5:0	المخارة معارفه فرقق	P	Šeravijem, nin uz	ations

- Joanne Comi McCloskey, Gloria M. Bulechek, "Nursing Interventions Classification (NIC): Development and Use"
- Clare Beghtol, "Mapping Sentences and Classification Schedules As Methods of Displaying Facets"
- bagobert Soergel, "Framework for Data Element Standardization"
- b Douglas Tudhope, Carl Taylor, Paul Beynon-Davies, "Classification and Hypermedia"
- Sara von Ungern-Sternberg, "Knowledge Organisation and a Macro Language for Indexing in Biotechology"
- Piek Vossen, "The Linguistic Versus Cognitive Role of Classifying Nouns"
- Nancy J. Williamson, "The Development of a Notational System for a Restructured UDC"

5:-00-5:30

Conclusion

PRODUCT PREVIEW

Mosby

Nursing Interventions Classification, 2ND Edition

Joanne C. McCloskey, PhD, RN, FAAN
The University of Iowa Foundation Distinguished Professor of Nursing
The University of Iowa
College of Nursing
Adjunct Associate Director of Nursing
The University of Iowa Hospitals and Clinics
Iowa City, Iowa
Gloria M. Bulechek, PhD, RN
Associate Professor of Nursing
The University of Iowa
College of Nursing
Iowa City, Iowa
December 1995. Approx. 750 pages.

0-8151-6302-9

DESCRIPTION:

Developed by a research team at the University of Iowa, NURSING INTERVENTIONS CLASSIFICATION (NIC) standardizes, defines, and facilitates the appropriate selection of nursing interventions for nurses, including practicing nurses, nursing students, nursing administrators, and faculty. NIC includes 433 interventions: physiologic and psychosocial; illness treatment and prevention; health promotion; individual, group, family, and community; indirect and direct care; and independent and collaborative interventions.

FEATURES:

- Includes 433 nursing interventions that describe the treatments nurses perform in all areas of practice, providing a comprehensive approach to current nursing practice.
- Presents a label name, definition, a list of activities the nurse does to implement the intervention and background readings for intervention.
- Covers the full range of nursing interventions for use in all practice and educational settings.

New to This Edition:

• Contains 104 new interventions—including many new perioperative and perinatal interventions—to reflect current clinical practice and research.

ISSN: 2324 148525 26018

- Features new indirect care interventions in addition to direct care interventions to encompass additional nursing functions.
- Presents a new coded taxonomy that organizes nursing interventions into a conceptual framework and facilitates locating interventions.
- Adds a section linking NIC interventions to NANDA diagnoses to promote clinical decisionmaking and nursing intervention selection.
- Includes new and revised information on implementing NIC in practice and educational settings and on the NIC review process.

TABLE OF CONTENTS:

Preface

Strengths of the Nursing Interventions Classification

Definitions of Terms

PART ONE: CONSTRUCTION OF THE CLASSIFICATION

Ch. 1 Need and Significance of NIC

Ch. 2 Overview of the Project

Ch. 3 The Classification: Now and in the Future

PART TWO: TAXONOMY OF NURSING INTERVENTIONS

PART THREE: THE CLASSIFICATION

PART FOUR: NIC INTERVENTIONS LINKED TO NANDA DIAGNOSES

PART FIVE: APPENDIXES

A Interventions: New, Revised, and Deleted Since First Edition

B Guidelines for Submission of an Intervention

C NANDA Diagnoses

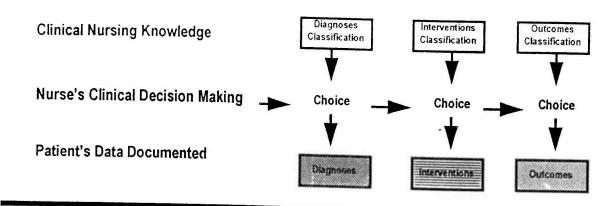
D Publications

E NIC Recognition List

F Abbreviations

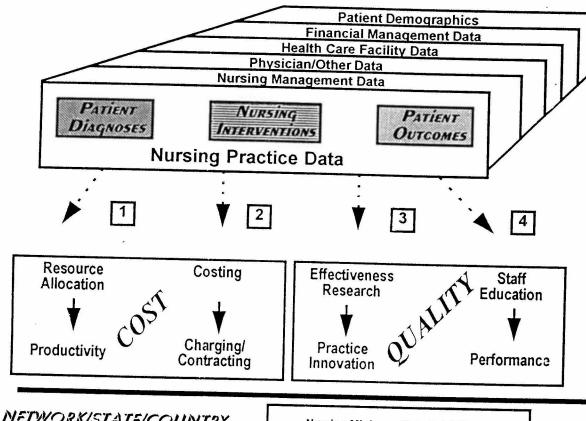
NURSING PRACTICE DATA: THREE LEVELS

INDIYIDUAL LEYEL





UNIT/ORGANIZATIONAL LEYEL





NETYYORK/STATE/COUNTRY Nursing Minimum Data Set (NMDS) LEYEL interventions: Outcomes Network: Examples State Data Sets: Examples National Data Sets: Examples Kaiser Permanente ■ iowa's Community Health Management ■ Uniform Hospital Discharge Data Set (UHDDS) ■ United Health Care Corp Information Systems (CHMIS) ■ Ambulatory Care Minimum Data Set ■ Humana, Inc. ■ Long-Term Care Minimum Data Set

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Preface

General Comments

These Proceedings constitute a working copy of the contributions to the 6th ASIS SIG/CR Workshop on Classification Research, held in Chicago, Illinois, at the ASIS Annual Meeting on Sunday, October 8th, 1995. The purpose of publishing working papers is to provide participants and presenters with a chance to review the contributions before, during and after the Workshop. As working papers, the contributions printed here may not be in their final form. Please do not cite these papers. After the Workshop, authors will have an opportunity to revise and edit their papers. Subsequently, the Proceedings will be published as an ASIS monograph by Learned Information, Inc., under the title Advances in Classification Research. Vol. 6. This title will be available for purchase during 1996.

Again this year, we are pleased with the diversity of viewpoints represented in these papers. The rationale of the Workshop from the beginning has been to showcase the multi-disciplinary bases for classification research. The authors of the papers in this volume have accordingly been asked to write for an audience that may be unfamiliar with the terminology and issues current in the author's own field, and they have consistently and with good humor followed this suggestion. The communication across disciplines that the Workshop demands increases the value of these papers both for the author and for the audience because, in seeking to explain assumptions and perspectives that are not shared, participants in the Workshop can deepen and broaden their understanding of classificatory issues in general.

We received many excellent and stimulating papers applications for this year's Workshop. Several kinds of themes can be seen in the Workshop papers. One is the application of classificatory techniques to the design of machine systems, including hypermedia and frame hierarchies. Another is the application of classification to specific subject areas, such as biotechnology, industry, linguistics, and nursing. Further, classification research is being pursued in the development of systems for various document forms, such as fiction and images. Theoretical perspectives are addressed in discussions of standardization techniques, display conventions, semantic structure of systems, and redesign of existing classification systems. The eclecticism of these approaches will be sure to create another stimulating and challenging Workshop.

Bringing together researchers from these, and many other, diverse areas on an annual basis is one of the major accomplishments of the Workshop because we might not all have another opportunity to meet, exchange ideas, and debate issues. Registrants for the Workshop will receive the Proceedings as soon as possible so that the papers can be read before the presentations are given. Once again, then, we are asking presenters to address the high points of their papers and not to present the papers verbatim. Participation from the audience is one of the most important aspects of the Workshop, so we ask presenters to bring out only the most critical issues and to leave ample time for questions and discussion.

Organization of These Proceedings

The Proceedings contain two parts. The first section contains the papers submitted by the Workshop presenters arranged in alphabetical order by the last name of the first author. The second section contains brief personal statements of Workshop presenters as well as of other people who submitted abstracts, also arranged in alphabetical order.

Acknowledgments

The continuing success of the SIG/CR Classification Research Workshop is the result of the work of many people. The present Co-Editors would like especially to thank all those who have been instrumental in organizing and supporting the five previous Workshops and in editing their Proceedings. We would also like to thank all the participants for their interest in the Workshop and their willingness to follow our suggestions for their papers. The ASIS administration and staff, who have supported and subsidized this Workshop and its Proceedings during the past six years, also deserve our thanks. Our employers, Rutgers University Libraries, the Faculty of Information Studies at the University of Toronto, The Library and Information Science Program at Wayne State University, the School of Information Studies at Syracuse University, and the Department of Industrial and Systems Engineering at The Ohio State University, have all supported us in the ongoing work of organizing the Workshop and of publishing these working papers and the final versions in Advances in Classification Research.

iv

RPS, CB, EKJ, BHK, PJS

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Table of Contents

Preface ii
PRESENTED PAPERS
Mapping Sentences and Classification Schedules As Methods of Displaying Facets Clare Beghtol
The Search for Structure and the Search for Meaning David Dubin
Semantic Classification of Instances in a Frame-based Representation Colette Faucher, Marielle Gonzalez-Gomez, Eugène Chouraqui
Construction of Frame Hierachies using Machine Learning JoaoJosè Peixoto Furtado-Vasco, Colette Faucher, Eugène Chouraqui
Classification and Automatic Indexing in a Persistent Object Environment Robert Godin, Brigitte Kerhervé, James Turner
Classifying Images: Criteria for Grouping as Revealed in a Sorting Task Corinne Jorgensen
Semantic Classification for Practical Natural Language Processing Kavi Mahesh, Sergei Nirenburg
The Scandinavian Book House: Indexing Methods and Opac Development for Subject Access to Scandinavian Fiction Literature Annelise Mark Pejtersen, Hanne Albrechtsen, Ringa Sandelin, Lena Lundgren, Riitta Valtonen
Nursing Interventions Classification (NIC): Development and use Joanne Comi McCloskey, Gloria M. Bulechek
Framework for Data Element Standardization Dagobert Soergel
Do Industrial Classifications need Re-Inventing? An analysis of the relevance of the U.S. SIC System for productivity research Jack E. Triplett, D. Mark Kennet, Ron Jarmin, Frank M. Gollop

PROCEEDINGS OF THE 6th ASIS SIG/CR CLASSIFICATION RESEARCH WORKSHOP

Classification and Hypermedia Douglas Tudhope, Carl Taylor, Paul Beynon-Davies
Knowledge Organisation and a Macro Language for Indexing in Biotechology Sara von Ungern-Sternberg
The Linguistic Versus Cognitive Role of Classifying Nouns Piek Vossen
The Development of a Notational System for a Restructured UDC Nancy J. Williamson
PERSONAL STATEMENTS
Clare Beghtol
Lynn Silipigni Connaway
Kavi Mahesh, Sergei Nirenburg
Douglas Tudhope

ISSN: 2324-9773

vi