Poster Session

At the 6th World Congress for Nurse Anesthetists/Chicago 2000 Annual Meeting, August 5-10, a total of 107 posters were displayed in the Exhibit Hall. The titles of the posters and the presenters are listed below alphabetically by country. For each poster, the presenter(s) are listed first. Because nurse anesthetists around the world have different credentials, all credentials have been eliminated from the list. Ten of the posters were judged to be superior and are noted with an asterisk.

First initiated at the AANA Annual Meeting in 1989, this forum presents unique opportunities to talk directly to researchers about their research findings. The interaction among colleagues in a less formal setting sets the stage for invigorating discussions about the research.

The AANA Foundation extends an invitation to researchers to present their research results at the Poster Session during the 2001 AANA Annual Meeting in San Francisco, August 11-15. Two types of abstracts will be displayed: current research or a clinical project related to anesthesia.

If you would like to receive a copy of any of the posters presented at the 6th World Congress for Nurse Anesthetists or if you have questions concerning future Poster Sessions, please contact me at (847) 692-7050, ext. 3072 or email: ljordan@aana.com.

LORRAINE M. JORDAN, CRNA, PhD
AANA Director of Research and Foundation

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Denmark

Four standard positions for patients undergoing abdominal surgery
Eva Nielsen
Linda Jensen
Bente Sørensen

Anesthesia for the HIV-infected patient: Two case reports
Anette Kristiansen

Pain and nausea management after hysterectomy
Anita Bernou Lyngesen
Jeanet Lizzie Elvar Joergensen

Documentation of nursing specialty in anesthesia from a set of standards
Aase Nissen

Remifentanil for ambulatory shoulder surgery
Lene Hesseldal
Lisbet Lindberg

The nurse in pre-hospital treatment in Holstebro, Ringkjøbing County, Denmark
Dorte Lykke Kirkegaard
Alice Simonsen

Postoperative analgesia via cervical epidural catheter
Bente Thomsen
Helle Rømer
Medzait Ljatifi

An epidemiological study of the efficacy and patient satisfaction with two intravenous anesthesia techniques
Gitte Schøning
Annette Bang
Maj-Britt Mortensen
Doris Østergaard

The role of anesthesia simulators in the educational program of nurse anesthetists in Denmark
Lisbet Andersen
Anette Otto Jensen
Marcell Plont

Simulator training in the education of Danish nurse anesthetists
Nini Vallebo
Hanne Grønbaek
John Jacobsen

Attitudes and knowledge of physicians and nurses toward postoperative pain therapy
Kirsten Lindberg Hellum
Jette Højsted
Postoperative therapy: What do the patients expect?
Ruth Schmidt Knudsen
Kisser Hellum
Ole Bo Hansen
Jette Hoejsted

Sevoflurane as main anaesthetic in ambulatory surgery
Anne-Lise Flintegaard
Kurt Feddersen

Qualifications for the new decade*
Jakob Ibsen Vedtofte

Post-operative nausea and vomiting after retinal surgery*
Ytte Hjert

Information technology in nursing
Birgitte Folker
Annette Sperling
Hanne Thuesen
Herdis Nielsen
Jane Hartlev Frausing
Hanne Sveistrup

Self-administered postoperative pain treatment after ambulatory surgery
Lisbeth Pedersen
Birgit Hammer Hansen
Vibeke Wie

France

The use of $\text{N}_2\text{O}/\text{O}_2$ in equal concentrations for upper gastro-intestinal endoscopy in pediatric day-stay patients
Candide Hazan
Patricia Martret
Beatrice Bruneau
Martine Créno
Frédérique Guischard
Yves Nivoche

Which filter? Which indication?
Serge Ronce

Post-operative pain management after minor sub-umbilical and otorhinolaryngologic surgery in children
Fabienne L. Lutz
Corinne M. Schweyer
Christiane M. Walter

Determination of the maximal reliable respiratory frequencies in 10 capnographs
Jean Marc Pelardy
Fatima Rayeh
Jacques Fusiardi
Bertrand Debaene

Delay time and dynamic response time of 10 capnographs
Jean Marc Pelardy
Fatima Rayeh
Jacques Fusiardi
Bertrand Debaene

Nurse anaesthetist in haemovigilance and transfusional safety
Nadine M. Esnault
Thérèse Le Rolle

The formation of nurse anaesthetists in France from 1993-1999
Gérard Pelletier
Cathérine C. Dagoret

Safety of blood supply and haemovigilance in France
Isabelle Bibault
Monique Loubiere
André Lienhart

Finland

Development and testing of the Kuopio Post-Anesthesia Patient Classification Index
Marja-Leena Puputti

How to measure work of nurse anesthetists in postoperative care in postoperative wards 1 and 2 in Oulu University Hospital, Finland
Arto Seljanpera
Marita Valanne

Patients’ uncomfortable experiences after general anesthesia and surgery
Jari Simonen
Johanna Wennervirta

Puppets in the perioperative visit
Maria Lindholm
Päivi Järvi
Annette Genberg
Minna Ohlis
Creation of an educational tool: A CD-ROM on orotracheal intubation in adult anaesthesia practice
Martine Nicolet
Bernadette Roussely
Thierry Cuny
Michel Vignon
Louis Brinquin

Single use laryngoscope blades or disinfection blades for multiple use: Comparative costs study
Daniel Maroudy
Brigitte Brosseau

Pediatric liver transplantation
Catherine Grenier
Anne Marie Dubousset

Nurse anesthetists on humanitarian missions*
Xavier Lassalle

Germany

Medical and nursing support for the elderly and quality of life
Rosemarie Ernst
Gunnar Paetzelt et al.

Norway

Comparison of general anesthesia with isoflurane-fentanyl versus target controlled infusion (TCI) with propofol-remifentanil in laparoscopical gynecologic, daycare surgery
Geir Øle Laberg
Jan-Petter Leirvaag
Joost Leeuwenberg
Roberto Bergamaschi

Sweden

Preoperative ropivacaine infiltration for minor breast surgery
Anders Johansson
Johan Lundberg

Mask induction with sevoflurane in adults: A study of references
Anders Johansson
Johan Lundberg

Integrated perioperative anaesthetic documentation at Malmo University Hospital
Peter Marschall
Jonas Åkeson

Flexible laryngeal mask airway: An alternative to tracheal intubation in adenoidectomy in children*
Eva Lidén
Britt Westerborn
Jan Hallén
Narinder Rawal
Åke Davidsson

BIS as awareness monitor during coronary artery bypass grafting (CABG)
Lilian Qvist
Joakim Hidestal
Lars Algotsson

The use of spirometry during general anesthesia
Marie E. Öhrstedt
Carin Nilsson

To measure cardiac function using preload recruitable stroke work (PRSW)
Lisbeth M. Carlsson
Anna M. E. Laffin
E. Birger Axelsson
Jan L. Hultman

Improved recovery after therapeutic suggestions and music during general anesthesia
Ulrica K. Nilsson
Narinder K. Rawal
Lars E. Uneståhl
Mitra Unosson

Introducing a new drug to nurse anesthetists at a university clinic
Ann-Marie Olsson
Hans Carlsson

A comparison of intervention with music, therapeutic suggestions, and no intervention under general anaesthesia during hysterectomy: Patients’ experience of the postoperative period
Ulrica K. Nilsson
Narinder K. Rawal
Mona Kihlgren
Mitra Unosson

Sedation during coloscopy
Tuija Berglund
Anders S. Davidsson
Prophylactic treatment of PONV: A comparison of a combination of 4 antiemetics and a postoperative low dose propofol infusion

Ewa M. Öhrling
Lisbeth M. Wattwil

Non-disposable warming blankets are as efficient as disposable blankets for perioperative warming

Jonas Kornfält
Lena Nordin
Aders Johansson
Johan Lundberg

Perioperative hypothermia and postoperative opioid requirements*

Karen E. Persson
Johan Lundberg

Protocol for the use of ketamine for fiberoptic intubations in pediatric burns

Lynn “Pete” A. Peterson
Élise M. Morvant
Lee C. Woodson
Ray J. Nichols, Jr.

A new alternative in neuromuscular relaxants

Sandra Ouellette
Angela Baldwin

The efficacy of preemptive Celebrex in decreasing post-operative pain in laparoscopic procedures

Allyson Day
Jennifer J. Conner
Cheryl Hopkins
Thurman Hunt
Surya Thota
Agnes Hagan
Francis Gerbasi
Robert Lavoie

Paperless record keeping in a nursing anesthesia program

Duane L. Patterson
Elizabeth J. Monti
Alfred E. Lupien

A review of the pre-hospital use of neuromuscular blocking agents by air medical personnel to facilitate endotracheal intubation

Paul N. Austin

Prevalence of visible and occult blood on airway management equipment used outside the operating room

Rachael J. Nikkola
W. Patrick Monaghan
Loretta Madden
E. Jane McCarthy
Eugene Levine

Labor analgesia via intrathecal fentanyl and Duramorph: Impact of incidence of delivery by cesarean section in Navajo primiparas

Deborah L. Schumacher
Elise A. Kestenbaum

Ten years of graduate student projects: Advancing scholarship in nurse anesthesia through a campus-community partnership

Nancy Bruton-Maree
Sandra Ouellette
Lynne G. Pearcey
Anita S. Tesh

United States of America

Comparison of calculated estimated replacement fluid and actual administered fluid in pediatric trauma patients

Martha L. Uebelhoer

Use of the stem-word completion test to evaluate implicit memory formation

Henry C. Talley V
Margaret K. Warnock
Timothy L. Smith
Donald A. Kroll

Volunteering with nurse anesthesia overseas

Fred C. Welke
Lois Krug
Andrea Foster

Switzerland

Evaluate the staff required for an operating room adapted to the complexity and heaviness of an operating program

Eric Janicaud
Stéphane Grenier

Noma and anesthesia: A human and technical challenge for the nurse anesthetist*

Dominique Conan
Robert Doureradjam

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Ten years of graduate student projects: Advancing scholarship in nurse anesthesia through a campus-community partnership

Nancy Bruton-Maree
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Anita S. Tesh
The effect of intraoperative administration of meperidine on postoperative shivering using the Ohmeda universal portable anesthesia complete (UPAC) drawover vaporizer
Ryan J. Wilcox
Thomas G. Baughan
Cynthia Griffith
Mark Schierenbeck
Patricia Harrington

Output characteristics of the Ohmeda universal portable anesthesia circuit while interfaced with the Impact 754 portable ventilator in drawover mode using isoflurane
James R. Reed
James E. Rigot

The perceptions of student registered nurse anesthetists to the anesthesia patient simulator experience
Bernadette M. Henrichs

Transesophageal echocardiography: A qualitative survey of nurse anesthesia teaching programs
Lucia E. Scarpace
Valdor L. Hагlund

Job selection preferences of graduating nurse anesthetists
Brenda L. Hill
Sandra Ouellette
Nancy Courts

The efficacy of propofol in the prevention of intrathecal morphine induced pruritus in cesarean section patients
Scott D. Callahan
Cindy Jamrog
Thurman Hunt
Francis Gerbasi
Robert Lavoie
John Herbert
Karen Moore
Janie Tischler

The impact of bispectral index (BIS) monitoring in critical care
Deborah M. Compeau
Stephanie LaBelle
John Moran
Thurman Hunt
Mohan Achwal
Varkey Thomas
Farouk Obeid
Francis Gerbasi

Margie Murray-Wright
Sally Woodward-Voltz
Ron Zuwala

A comparison of postoperative pain with preemptive administration of intravenous ketorolac versus oral ibuprofen in patients undergoing interval laparoscopic bilateral tubal sterilization
Patricia S. Harm
Michael Gibbons
David Garcia

Ca++ influx and release from intracellular pools modulates bupivacaine local anesthesia in mice
Richard W. Davis
Forrest L. Smith

Exploration of anesthetic care issues for the ALS patient
Shirley Bell Doepke
Maureen Patricia Reilly

Music, a cognitive behavioral intervention for anxiety and acute pain control in the elderly cataract patient
Maureen Patricia Reilly

Femoral nerve block compared to intra-articular bupivacaine injection on post-operative pain following anterior cruciate ligament reconstruction*
Thomas P. Matula
Rodney F. Hoover
R. Lee Olson
Charles Vacchiano

The use of a simple forearm tourniquet as an adjunct to intravenous regional block
Roger Davis
John Keenan
R. Lee Olson
Charles Vacchiano

Post-anesthesia short-term quality of life: A tool to measure outcomes
Carey L. May
Kenneth J. Oakes
Kendall Ellington
Kathy Neill
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AANA 1999 senior citizens study
Lorraine Jordan
Brachial plexus block with 2-chloroprocaine and dilute ropivacaine for brief outpatient procedures
Paul B. Arp
Wayne Clark
Pamela Creighton
Sharon Farley
Andrew Biegner
Charles Vacchiano

AANA 2000 strategic planning member needs survey
Lorraine Jordan
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Effects of rectal acetaminophen on postoperative discomfort in patients undergoing myringotomy with pressure equalization tube placement under sevoflurane anesthesia
William M. Parenteau
Michael P. O'Donnell

Increasing the knowledge of the nursing anesthesia profession among undergraduate nursing students
Matthew W. Kervin
Anthony Bryant
Julie Lannom

Can the bispectral index monitor level the playing field?
Diane L. Perine

A laboratory comparison of the Universal F2 Circuit with a conventional parallel limb anesthesia circuit
Paul Austin
Robert Campbell
Jay A. Johanningman
Richard D. Branson

Dermal anesthesia with a combination of lidocaine and ketorolac for reduction of post-epidural backache
Amanda John
Glen Todd
Anthony Miller
Charles Vacchiano
Joseph Pellegrini

Comparison of inhaled isopropyl alcohol and ondansetron for treatment of postoperative nausea and vomiting
Anthony Winston
Robert S. Rinchart
George P. Riley
Charles Vacchiano
Joseph E. Pellegrini

The effect of patient positioning during administration of 0.5% isobaric bupivacaine on sensory level block
Ann M. Starr
Eric C. Ritter

Alice Magaw Kessel: Her life in and out of the operating room
Steve F. Wistlead
Jeff E. Nelson

A study of the effect of ketorolac tromethamine in providing analgesia following laparoscopic cholecystectomy*
Elizabeth A. Lenihan

The effect of changing endotrachial tube cuff pressures in the presence of nitrous oxide during general anesthesia on the incidence of postoperative sore throat
Saro Davidian

Racial variability in the distribution of obstetrical anesthesia types for vaginal and cesarean deliveries in upstate New York
Thomas E. Obst
Germaine M. Buck
Eric Nauenberg
Richard N. Schmidt

Variability in the use of anesthesia for vaginal and cesarean delivery by hospital obstetrical unit service level
Thomas E. Obst
Germaine M. Buck
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Anesthesia for vaginal and cesarean delivery in hospitals with contracts with HMO and PPO groups
Thomas E. Obst
Germaine M. Buck
Eric Nauenberg
Richard N. Schmidt

Determination of LMA size in relation to patient height of 165 cm and above
Margaret Davis
Richard Ouellette
Sherry Owens
Use of Hotline® fluid warmers to maintain temperature in colorectal surgery procedures: Efficacy and financial impact
Marlea Judd
Tido Latour
Paul A. Decker
Jay B. Martin
Darrell Schroeder
Bradley Narr

The effect of oral midazolam on behavior in the postanesthesia care unit for children undergoing tympanotomy and tube replacement
Lynda A. Harden
Sandra Frye-Kryder
Ann Bailey

A comparison of D-tubocurarine, rocuronium and cisatracurium in the prevention and/or reduction of succinylcholine-induced muscle fasciculations*
Cybil A. True
Pamela J. Carter

Use of high-frequency jet ventilation (HFJV) during rigid bronchoscopy under general anesthesia
Antonia M. Turner
Elke Messerschmidt
Heinrich Becker
Michael Layer

Prophylactic use of odansetron and dolasetron in the prevention of postoperative nausea and vomiting: A retrospective view
Lynn L. Lebeck
Marina Arndt
Lori Hockenberry
Mary Mariconi

The effects of preoperative ibuprofen on postoperative cramping, discomfort, and pain, and total analgesic use in patients undergoing dilation and curettage
Lynn L. Lebeck
Cheryl L. Baxa
Casey March-Arnett

The effect of tracheal cuff pressure on the incidence of sore throat
Jeffrey James
William James, Jr.

Anesthesia worksheets for the clinical setting
Paula J. Goodman
W. John Craig

Sustainment training to advance readiness
Rune B. Lillquist

Use of complementary and alternative medicines by surgical patients*
Carol L. Norred
Stacy Zamudio
Susan K. Palmer

The influence of race and ethnicity on adult patient response to the hypnotic component of anesthesia as measured with the BIS monitor
Wynne Waugaman
Shelley Gierat
Teeda Manixai
Kristen Starnes
Amy Wielar
Tyler Duong

Obstetrical anesthesia: Does insurance coverage matter?
Thomas E. Obst
Germaine M. Buck
Eric Nauenberg
Richard N. Schmidt

Antecedent factors identified in pediatric patients where laryngeal mask airway use was abandoned
Michelle L. Branham
Lisa M. Tyson
Denise L. Zeleny

Comparison of esmolol and lidocaine combined vs. esmolol in controlling the hemodynamic response to laryngoscopy and intubation
Spencer R. Gardner
Kasey Bensky
Grover Mims