



The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

RESEARCH

2010. *Pain Assessment In The Intensive Care Unit: Development and Psychometric Testing Of The Nonverbal Pain Assessment Tool (NPAT)*.

2007. Hill, K., Klein, D.G., McHugh, R., Soat, M., *Evaluating the Impact of a Standardized Order Set on the Process of Withdrawing Life-Sustaining Treatment from Patients in the Adult ICUs*. [Recipient, 2007 End of Life/Palliative Care Grant; American Association of Critical-Care]

2003. Klein, D.G. *Resource Utilization and Outcomes for Patients in ICU*. Case Western Reserve University, Cleveland Clinic Foundation.

2003. Dumpe, M. and Klein D.G. *Psychometric Evaluation of the Nonverbal Pain Assessment Tool*. Cleveland Clinic Foundation.

1992. Klein, D.G. (site coordinator). *Intrahospital Transport of the Critically Ill: A Multisite Study*. University of Michigan.

1991. Klein, D.G., *A Comparison of Pulmonary Artery, Rectal, and Tympanic Membrane Temperature in the Intensive Care Unit*.

1987. Govoni, A. and Klein, D.G., *Assessment of Pain by Registered Nurses*.

1982. Klein, D.G., *Accuracy of Room Temperature vs. Ice Temperature Injectate for Thermodilution Cardiac Output Determination*.

PUBLICATIONS

Research

Klein, D.G., Dumpe M. et al, "Pain Assessment In The Intensive Care Unit: Development and Psychometric Testing Of The Nonverbal Pain Assessment Tool (NPAT)". *Heart & Lung - The Journal of Acute and Critical Care*. 39(6), 2010, 521-528.

Klein, D.G. et al, "A Comparison of Pulmonary Artery, Rectal, and Tympanic Membrane Temperature in the Intensive Care Unit". *Heart & Lung*. 22(5), 1993, 435-441.

Literature Reviews

Griffin, M.T., **Klein, D.G.**, Winkelman, C. "Cardiovascular Genomics: Implications for Acute and Critical Care Nurses". *Dimensions in Critical Care Nursing*. 32(5), 2013, 213-221.

Klein, D.G. "Obesity: Good or Bad?". *The Connection*. American Association of Heart Failure Nurses. 31, 2012, 10-11.

Klein, D.G. "Current Trends in Cardiac Transplantation". *Critical Care Nursing Clinics of North America*. 19(4), 2007, 445-460.



The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

Hill, K., **Klein D.G.** "Transcutaneous Carbon Dioxide (CO₂) Monitoring". Critical Care Clinics of North America. 18(2), 2006, 211-215.

Klein, D.G. "Thoracic Aortic Aneurysms". Journal of Cardiovascular Nursing. 20(4), 2005, 245-250.

Klein, D.G. "Management Strategies for Improving Outcome Following Severe Head Injury". Critical Care Nursing Clinics of North America. 11(2), 1999, 209-225.

Klein, D.G. "Prone Positioning in the Patient with Acute Respiratory Distress Syndrome (ARDS) - The Vollman Prone Positioner". Critical Care Nurse. 19(4), 1999, 66-71.

Peerless, J.R., Davies, A., **Klein, D.G.**, and Yu, D. "Skin Complications in the Intensive Care Unit". Clinics in Chest Medicine. 20(2), 1999, 453-467.

Klein, D.G. "Trauma". Guest Editor. AACN Clinical Issues in Critical Care Nursing. 6(2), 1995.

Ellis, M. and **Klein, D.G.** "Implementing Neuromuscular Blockade Monitoring in a Surgical Intensive Care Unit". Clinical Nurse Specialist. 9(3), 1995, 134-139.

Klein, D.G., Fritsch, D.E., and Amin, S.G., "Wound Infection Following Trauma and Burn Injuries". Critical Care Nursing Clinics of North America. 7(4), 1995, 627-642.

Fritsch, D. and **Klein, D.G.** "Ludwig's Angina". Heart & Lung. 21 (1), 1992, 39-47.

Klein, D.G. "Trauma". Guest Editor. AACN Clinical Issues in Critical Care Nursing. 1 (3), 1990.

Klein, D.G. "Physiologic Responses to Traumatic Shock". AACN Clinical Issues in Critical Care Nursing. 1 (3), 1990, 505-521.

Ahrens, T., **Klein, D.G.**, et al., AACN Competence Statement for the Critical Care Clinical Nurse Specialist. AACN, 1989.

Gawlinski, A. and **Klein, D.G.** "The CNS and the Nursing Shortage." AACN News. March, 1988, 3.

Klein, D.G. and O'Malley, P. "Topical Injury from Chemical Agents: Initial Treatment". Heart & Lung. January, 1987, 49-54.

Klein, D.G. "I.C.U.: It's Also the Intensive Communication Unit". Nursing Life. January/February, 1986, 46-47.

Klein, D.G. "The Multi-Lumen Central Venous Catheter". Journal of Burn Care and Rehabilitation. May/June, 1984, 236-238.

Klein, D.G. Health-Protective Behaviors of Professional Nurses. Thesis - on file at Health Sciences Library, Cleveland, Ohio, 1982.

Books and Book Chapters



Cleveland Clinic

The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

Sole, M.L., **Klein, D.G.**, Mosley, M. (Editors). Introduction to Critical Care Nursing. 6th edition. Philadelphia, Elsevier, 2013.

Klein, D.G. "Code Management" in M.L. Sole, **D.G. Klein**, M. Mosley, (Editors). Introduction to Critical Care Nursing. 6th edition. Philadelphia, Elsevier, 2013.

Stewart-Amidei, C., **Klein, D.G.** "The Nervous System" in M.L. Sole, **D.G. Klein**, M. Mosley, (Editors). Introduction to Critical Care Nursing. 6th edition. Philadelphia, Elsevier, 2013.

Klein, D.G. "Cardiac Output Measurement Techniques (Invasive)" in D. Lynn-McHale Wiegand, (Editor). AACN Procedure Manual for Critical Care. 6th edition. Philadelphia, Elsevier, 2011.

Klein, D.G. "Code Management" in M.L. Sole, **D.G. Klein**, M. Mosley, (Editors). Introduction to Critical Care Nursing. 5th edition. Philadelphia, Elsevier, 2009.

Sole, M.L., **Klein, D.G.**, Mosley, M. (Editors). Introduction to Critical Care Nursing. 5th edition. Philadelphia, Elsevier, 2009.

Klein, D.G. "The Nervous System" in M.L. Sole, **D.G. Klein**, M. Mosley, (Editors). Introduction to Critical Care Nursing. 5th edition. Philadelphia, Elsevier, 2009.

Klein, D.G. "Documenting Clinical Outcomes" in M. Duffy, S. Dresser, J. Fulton, (Editors). Clinical Nurse Specialist Toolkit: A Guide for the New Clinical Nurse Specialist. New York, Springer Publishing Company, 2009.

Klein, D.G. "Nurses in Intensive Care" in D. Mosier & B. Riegel (Editors). Cardiac Nursing: A Companion to Braunwald's Heart Disease. Philadelphia, Saunders Elsevier, 2008.

Klein, D. G. "From Novice to Expert: CNS Competencies" in M. McKinley, (Editor). Acute and Critical Care Clinical Nurse Specialists: Synergy for Best Practices. Philadelphia, Saunders Elsevier, 2007.

Swanson, R., Klein D.G. "Comfort and Sedation" in M.L. Sole, **D.G. Klein**, M. Mosley, (Editors). Introduction to Critical Care Nursing. 4th edition. Philadelphia, Elsevier, 2005.

Sole, M.L., **Klein, D.G.**, Mosley, M. (Editors). Introduction to Critical Care Nursing. 4th edition. Philadelphia, Elsevier, 2005.

Klein, D.G. "Code Management" in M.L. Sole, **D.G. Klein**, M. Mosley, (Editors). Introduction to Critical Care Nursing. 4th edition. Philadelphia, Elsevier, 2005.

Klein, D.G. "Trauma". In M.L. Sole, J. Hartshorn, M. Lamborn, (Editors). Introduction to Critical Care Nursing. 3rd Edition. Philadelphia, W.B. Saunders Company, 2001.

Klein, D.G. "Renal System". In T. Ahrens, D. Prentice, Critical Care Certification: Preparation & Review. 4th Edition. Norwalk, CT, Appleton & Lange, 1998, 507-550.



The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

Klein, D.G. "Advanced Neurological Concepts". In M. Chulay, C.E. Guzzetta, B. Dossey, Handbook of Critical Care Nursing. Norwalk, CT, Appleton & Lange, 1997, 503-527.

Klein, D.G. "Patient with Trauma". In J. Clochesy, C. Breu, S. Cardin, A. Whittaker, E. Rudy, Critical Care Nursing. 2nd Edition. Philadelphia, W.B. Saunders Company, 1996, 1335-1358.

Klein, D.G. "Critical Care Clinical Nurse Specialist: Novice to Expert". In A. Gawlinski, L. Kerns, Educator's Supplement for the Clinical Nurse Specialist Role in Critical Care. Aliso Viejo, CA, AACN, 1995, 11-16.

Klein, D.G. "The Critical Care Clinical Nurse Specialist: Novice to Expert". In A. Gawlinski, L. Kerns, The Clinical Nurse Specialist Role in Critical Care. Philadelphia, W.B. Saunders Company, 1994, 24-39.

Klein, D.G. "Renal System". In T. Ahrens, D. Prentice, Critical Care Certification: Preparation & Review. 3rd Edition. Norwalk, CT, Appleton & Lange, 1993, 285-325.

Klein, D.G., Fritsch, D., Yurko, L. "The Patient with Burns". In B. Long, W. Phipps, V. Cassmeyer, Medical-Surgical Nursing: A Nursing Process Approach. 3rd Edition. St. Louis, C.V. Mosby Company, 1993, 1500-1533.

Klein, D.G. "Management of Burns". In W. Phipps, B. Long, N. Woods, V. Cassmeyer, Medical-Surgical Nursing: Concepts and Clinical Practice. 4th Edition. St. Louis, C.V. Mosby Company, 1991, 2157-2190.

Klein D.G. "Renal System". In T. Ahrens, Critical Care Certification Review. 2nd Edition. Norwalk, CT, Appleton & Lange, 1990, 221-262

Klein, D.G. "Thermal Injury". In M. Shekleton, K. Litwack, Critical Care Nursing of the Surgical Patient. Philadelphia, W. B. Saunders Company, 1990, 585-630.

Klein, D.G. "The Patient with Burns". In B. Long, W. Phipps, Essentials of Medical-Surgical Nursing: A Nursing Process Approach. 2nd Edition. St. Louis, C.V. Mosby Company, 1989, 1407-1440.

Klein, D.G. "Intervention for the Person with Burns". In W. Phipps, B. Long, Medical-Surgical Nursing: Concepts and Clinical Practice. 3rd Edition. St. Louis: C.V. Mosby Company, 1987, 2001-2030.

Book Review

AACN Scope and Standards for Acute and Critical Care Clinical Nurse Specialist Practice, American Association of Critical-Care Nurses; Aliso Viejo, CA; 2010.

PRESENTATIONS

"Chill and Ship: How to Safely Transfer Patients for Definitive Post Arrest Care" at Scientific Sessions 2013, American Heart Association; Dallas, Texas; November 2013.

"End-of-Life Nursing Education Consortium (ELNEC) Critical Care," Lake Erie Chapter, AACN; Cleveland, Ohio; September 2013.



The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

“Therapeutic Hypothermia after Cardiac Arrest,” at the China Heart Congress, Beijing, China; August 2013.

“Therapeutic Hypothermia after Cardiac Arrest: Strategies for a Successful Program,” at the National Teaching Institute, AACN, Boston, Massachusetts; May 2013.

“Developing a Winning Abstract & Poster,” at the 9th Annual Nursing Research Conference, Cleveland Clinic, Cleveland, Ohio; May 2013.

“Improving Heparin Infusion Administration and Monitoring: A Multidisciplinary Approach,” at the 9th Annual Nursing Research Conference, Cleveland Clinic, Cleveland, Ohio; May 2013. [poster presentation]

“Teaching an Old Dog New Tricks: Improving the Use of the Heparin Nomogram,” at the Quality and Patient Safety Innovation Summit, Cleveland Clinic, Cleveland, Ohio; May 2013. [poster presentation]

“End-of-Life Nursing Education Consortium (ELNEC) Critical Care,” Cleveland Clinic; Cleveland, Ohio; April 2013.

“Therapeutic Hypothermia After Cardiac Arrest, Oh the Places You’ll Go,” at Fairview Hospital; Cleveland, Ohio; March 2013.

“End-of-Life Nursing Education Consortium (ELNEC) Critical Care,” Cleveland Clinic; Cleveland, Ohio; November 2012.

“12 Lead ECG Interpretation” and “Therapeutic Hypothermia Post Cardiac Arrest: What is the Latest Evidence?” at Dimensions in Cardiac Care 2012, Cleveland Clinic; Cleveland, Ohio; September 2012.

“Mentoring Clinical Leaders as Bridge Builders,” at Celebrating CNS Practice: The CNS as a Bridge Builder, Cleveland Clinic; Cleveland, Ohio; September 2012.

“Improving Heparin Infusion Administration and Monitoring: A Multidisciplinary Approach,” at Dimensions in Cardiac Care 2012, Cleveland Clinic; Cleveland, Ohio; September 2012. [poster presentation]

“End-of-Life Nursing Education Consortium (ELNEC) Critical Care,” Cleveland Clinic; Cleveland, Ohio; January and June 2012.

“Therapeutic Hypothermia Post Cardiac Arrest: What is the Latest Evidence?” at the 2011 Cardiac and Critical Care Symposium, Trumbull Hospital; Warren, Ohio; November 2011.

“Therapeutic Hypothermia Post Cardiac Arrest: What is the Latest Evidence?” at the Cardiovascular Nursing Clinical Symposium 2011, Scientific Sessions 2011, American Heart Association; Orlando, Florida; November 2011.

“Empathy in the End of Life Care: Ethics, Morals, Costs,” at the Patient Experience Summit: Empathy and Innovation, Cleveland Clinic; Cleveland, Ohio; May 2011.

“12 Lead ECG Interpretation” and “Therapeutic Hypothermia Post Cardiac Arrest,” at Dimensions in Cardiac Care 2011, Cleveland Clinic; Cleveland, Ohio; April 2011.



Cleveland Clinic
The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

"Preventative Cardiology: Strategies for Success," at the United States State Department; Singapore, Malaysia; February 2011.

"Overcoming System Barriers to Providing Therapeutic Hypothermia," at the Scientific Sessions 2010, American Heart Association; Chicago, Illinois; November 2010.

"Publishing the Work of the CNS: Captivating Posters and Engaging Manuscripts," at Celebrating CNS Practice: Connecting, Collaborating, Creating, Cleveland Clinic, University Hospitals Case Medical Center, MetroHealth Medical Center; Cleveland, Ohio; October 2010.

"How to Develop an Abstract and Poster for Presentation," at the 2010 Nursing Research Fall Workshops, Cleveland Clinic; Cleveland, Ohio; October 2010.

"Hemodynamic Challenges," at the Lake Erie Chapter, AACN; Cleveland, Ohio; April, 2010.

"Techniques for Cooling; Therapeutic Hypothermia," at the Scientific Sessions 2009, American Heart Association; Orlando, Florida; November 2009.

"From Novice to Expert: Top 10 Things You Wish You Would Have Known About Being a CNS," at Celebrating CNS Practice: The Many Hats of the CNS, Cleveland Clinic; Cleveland, Ohio; October 2009.

"12 Lead ECG Interpretation" and "Cardiac Disease in Athletes," at Dimensions in Cardiac Care 2009, Cleveland Clinic; Cleveland, Ohio; September 2009.

"Characteristics of Patients Readmitted to the Coronary ICU," at the Cleveland Clinic Research Day; Cleveland, Ohio; May 2009.

"Characteristics of Patient Readmitted to the Coronary ICU (CICU)," at the National Teaching Institute, AACN; New Orleans, Louisiana; May 2009. [poster presentation]

"Writing for Publication: Strategies for Putting Fingers to the Keyboard" at Celebrating Clinical Nurse Specialist Practice, Cleveland Clinic; Cleveland, Ohio; September 2008.

"Psychometric Evaluation of the Nonverbal Pain Assessment Tool (NPAT)", Nursing Research in 2008: Helping Patients Navigate; Robinson Memorial Hospital, Summa Health System; Ravenna, Ohio; May 2008.

"Development of a Universal Nonverbal Pain Assessment Tool" at the National Teaching Institute, AACN; Chicago, Illinois; May 2008. [poster presentation]

"12 Lead ECG Interpretation," "Writing for Publication" and "So You Want to Be an APN" (panel member) at Dimensions in Cardiac Care 2008, Cleveland Clinic; Cleveland, Ohio; March, 2008.

"Patient Readmissions to the Coronary ICU (CICU)" at Dimensions in Cardiac Care 2008, Cleveland Clinic; Cleveland, Ohio; March 2008. [poster presentation]

"Educating Nursing Students to Critical Care Nursing" at Reclaiming Our Priorities: Our Students, Our Future: Acute and Critical Care Educators and Practitioners Collaborative, Lake Erie Chapter, AACN; Cleveland, Ohio;



Cleveland Clinic

The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

November 2007.

“Psychometric Evaluation of the Nonverbal Pain Assessment Tool (NPAT)” at Nursing Grand Rounds – Marymount Hospital; Cleveland, Ohio; September 2007.

“The Research Project is Completed – Now What?” at Nu Delta Chapter, Sigma Theta Tau, Cleveland State University; Cleveland, Ohio; September 2007.

“Development of a Universal Nonverbal Pain Assessment Tool” at Making Nursing Research a Reality: Perils and Practical Solutions, Cleveland Clinic; Cleveland, Ohio; May 2007. [poster presentation]

“Development of a Universal Nonverbal Pain Assessment Tool” at Dimensions in Cardiac Care 2007, Cleveland Clinic; Cleveland, Ohio; April 2007. [poster presentation]

“12 Lead ECG Interpretation,” “Valvular Heart Disease” and “So You Want to Be an APN” (panel member) at Dimensions in Cardiac Care 2007, Cleveland Clinic; Cleveland, Ohio; April 2007.

“The Research Project is Completed – Now What?” at Making Research a Reality, Cleveland Clinic Foundation; Cleveland, Ohio; May 2006.

“Aortic Valve Disease: Stenosis and Regurgitation” at the National Teaching Institute, AACN; New Orleans, Louisiana; May 2005.

“Aortic Valve Disease: Stenosis and Regurgitation” and “Mitral Valve Disease: Stenosis and Regurgitation” at the Midwest Conference, Northwest Chicago Area Chapter, AACN; Chicago Illinois; March 2006.

“12 Lead ECG Interpretation” and “Cardiovascular Disease in Athletes” at Dimensions in Cardiac Care, Cleveland Clinic Foundation; Cleveland, Ohio; March 2006.

“The Renal System” and “Multisystem Problems,” Critical Care Review Course (preparation for CCRN exam); Cleveland State University, Division of Continuing Education; Cleveland, Ohio; October 1996; April 1997; November 1997; May 1998; December 1998; December, 1999; May, 2000; November, 2000; May 2001; December 2001; October 2002; December, 2003; March, 2004; October 2004; December 2004.

“12 Lead ECG Interpretation” and “Writing for Publication” at Dimensions in Cardiac Care, Cleveland Clinic Foundation; Cleveland, Ohio; November 2004.

“Enhancing Patient Education after an Acute Myocardial Infarction (AMI): The AMI Notebook” at Dimensions in Cardiac Care, The Cleveland Clinic Foundation; Cleveland, Ohio; November 2004. [poster presentation]

“Resource Utilization and Outcomes for Obese Patients in the ICU” at the National Teaching Institute, AACN; Orlando, Florida; May 2004. [poster presentation]

“Metabolic Syndrome” at Northern Ohio Affiliate Chapter, American College of Cardiovascular Nursing; Canton, Ohio; April 2004.



Cleveland Clinic
The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

"The Heart Failure Special Care Unit: A Unique Setting for Managing Heart Failure" at the Heart Failure Summit VIII, The Cleveland Clinic Foundation; Cleveland, Ohio; October 2003. [poster presentation]

"Marfans Syndrome" at Dimensions in Cardiac Care, Cleveland Clinic Foundation; Cleveland, Ohio; September 2003.

"12 Lead ECG Interpretation" at Dimensions in Cardiac Care, Cleveland Clinic Foundation; Cleveland, Ohio; September 2003.

"The Heart Failure Special Care Unit: A Unique Setting for Managing Heart Failure" at Dimensions in Cardiac Care, The Cleveland Clinic Foundation; Cleveland, Ohio; September 2003. [poster presentation]

"Resource Utilization and Outcomes for Patients in ICU" at CCF Nursing Research: Understanding and Using Research Findings, Cleveland Clinic Foundation; Cleveland, Ohio; May 2003.

"Implementation of a New Directive for Acute Myocardial Infarction Patients" at the National Association of Clinical Nurse Specialists, National Conference 2003; Pittsburgh, Pennsylvania; March 2003. [poster presentation]

"Marfans Syndrome" at Lake Erie Chapter, AACN; Cleveland, Ohio; September 2002.

"Implementation of a New Directive for Patients with Acute Myocardial Infarction" at the Emergency Nurses Association, 2002 Annual meeting; New Orleans, Louisiana; September 2002. [poster presentation]

"Time to Treatment of Acute Myocardial Infarction Patients at Dimensions in Cardiac Care, The Cleveland Clinic Foundation; Cleveland, Ohio; February 2002. [poster presentation]

"Multisystem Organ Failure" at the Northeast District, Ohio Society for Respiratory Care; Cleveland, Ohio; August 2001.

"Overview of Percutaneous Coronary Interventions" at Dimensions in Cardiac Care, Cleveland Clinic Foundation; Cleveland, Ohio; April 2001.

"Multisystem Organ Failure" at Dimensions in Cardiac Care, Cleveland Clinic Foundation; Cleveland, Ohio; April 2001.

"Troponin T and Other Cardiac Markers for Acute Coronary Care Syndrome" at the Cardiovascular Symposium, Forum Health; Youngstown, Ohio; February 2001.

"Acute Renal Failure" at Unraveling the Renal System, Lake Erie Chapter, AACN; Cleveland, Ohio; September, 1999.

"Neuro Update: Dealing with the Pressure" at The Anatomy of Critical Care: Today's Impact on Tomorrow's Nurse, Lake Erie Chapter, AACN; Cleveland, Ohio; April 1999.

"Traumatic Wound Infections: Strategies for Healing" at the Lake Erie Chapter, AACN; Cleveland, Ohio; November 1997.



Cleveland Clinic
The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

“Traumatic Wound Infections: Strategies for Healing” at the Metro Life Flight/Critical Care Symposium; Cleveland, Ohio; May 1997.

“Death by Inflammation: Multiple Organ Dysfunction Syndrome (MODS)” at the Metro Life Flight/Critical Care Symposium; Cleveland, Ohio; May 1996.

“Sepsis” at the Greater Cleveland Chapter of Hadassah, Nurses Council; Cleveland, Ohio; November 1995.

“Renal Failure in the Medical-Surgical Patient” at the Academy of Medical-Surgical Nurses, Northeast Ohio Chapter; Cleveland, Ohio; November 1995.

“Spinal Cord Injury Care at a Glance” at the Tenth Annual Mellen Conference, Acute and Critical Care Nursing; Cleveland, Ohio; November 1995.

“Intrahospital Transport of the Critically Ill: A Multisite Study” at the 24th Educational and Scientific Symposium, Society of Critical Care Medicine; San Francisco, California; February 1995.

“Current Trends in Hemofiltration” at Lake Erie Chapter, AACN; Cleveland, Ohio; November 1994.

“Sepsis Made Simple: Early Recognition and Management” at the Academy of Medical-Surgical Nurses, Northeast Ohio Chapter; Cleveland, Ohio; November, 1994.

“A Comparison of Pulmonary Artery, Rectal, and Tympanic Membrane Temperature in the Intensive Care Unit” Cleveland Clinic Foundation/Sigma Theta Tau, International Region IV Research Utilization Conference; Cleveland, Ohio; September 1994. [poster presentation]

“Fluid and Electrolyte Shifts in the Critically Ill Surgical Patient” at the Ninth Annual Mellen Conference on Acute and Critical Care Nursing; Cleveland, Ohio; September 1994.

“Trauma Complications: Care of the Multi-Injured Patient” at the Advanced Critical Care Nursing Conference, Summa Health System; Akron, Ohio; April 1994.

“The Renal System” Core Review for Intensive Care Nursing (preparation for CCRN examination)
L+R Health Care Productions:

November 1983; Cleveland, Ohio.

North Coast Nurses Group:

April 1984; November 1984; May 1985; November 1985; October 1986; September 1987; May 1988; September 1988; October 1988; February 1989; March 1990; Cleveland, Ohio.

Cleveland State University, Division of Continuing Education:
May 1984; September 1984; April 1985; October 1985; March 1986; October 1986; April 1987; November 1987; January 1988; April 1988; October 1988; April 1989; September 1989; February 1990; March 1990; October 1990; April 1991; October 1991; May 1992; November 1992; March 1993; November 1993; October 1994; October 1995; April 1996.

MetroHealth Medical Center, Department of Education and Training:
October 1987; October 1988; October 1989; October 1990; October 1991; November 1992; November 1993; Cleveland, Ohio.



Cleveland Clinic
The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

“Vascular Injuries to Extremities” at Impact of Trauma: The Spectrum of Care, MetroHealth Medical Center; Cleveland, Ohio; November 1993.

“Sepsis Made Simple: Early Recognition and Management” at the Eight Annual Mellen Conference on Acute and Critical Care Nursing; Cleveland, Ohio; September 1993.

“Critical Care Nursing in 2010: Preparing for the Future” at the Akron Area Chapter, AACN; Akron, Ohio; February 1993.

“Vascular Injury” at the Lake Erie Chapter, AACN; Cleveland, Ohio; January 1993.

“Fluid and Electrolyte Shifts in Critically Ill Surgical Patients” at the Seventh Annual Mellen Conference, Celebrate Nursing: From Critical Care to Home; Cleveland, Ohio; October 1992.

“Vascular Injury” at the Sixth Annual Critical Care Nursing: Quest for Excellence, Ohio State University Hospitals; Columbus, Ohio; September 1992.

“Changes, Choices, Challenges,” Graduation Address at St. Thomas School of Nursing; Akron, Ohio; May 1992.

“Hemofiltration: Current Applications: at the Fifth Annual Critical Care Nursing: Quest for Excellence, Ohio State University Hospitals; Columbus, Ohio; October 1991.

“Hemofiltration: Current Applications” at the Sixth Annual Mellen Conference Celebrate Nursing: Managing Patients Creatively; Cleveland, Ohio; September 1991.

“Critical Care Nursing – Where Will We Be in 2010?” at Profiles in Critical Care Nursing in the 1990’s, Lake Erie Chapter, AACN; Cleveland, Ohio; May 1991.

“Changes, Choices, Challenges” Graduation Address at MetroHealth Medical Center School of Nursing; Cleveland, Ohio; May 1991.

“Chest Trauma” at Teaching, Touching, Technology – Together: Bringing the Critical-Care Nursing Community Together, Lake Erie Chapter, AACN; Cleveland, Ohio; May 1990.

“The CNS and the Nursing Shortage” at the 1990 National Teaching Institute, American Association of Critical-Care Nurses; San Francisco, California; May 1990.

“Physiologic Responses to Trauma” at the Fourth Annual Mellen Conference on Acute and Critical Care Nursing, Celebrate Nursing: Present Images, Future Directions; Cleveland, Ohio; September 1989.

Critical Care Nursing Management Conference, A Matter of Entropy, Department of Veterans Affairs, Medical Center; Cleveland, Ohio; August 1989.

“Cleveland Area Wound Conference,” Moderator at Support Systems International; Cleveland, Ohio; December 1989.



Cleveland Clinic
The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

“Physiologic Responses to Trauma” at Advanced Principles of Trauma Nursing, Cleveland Metropolitan General/HIGHLAND View Hospital; Cleveland, Ohio; October 1988 and October 1989.

“Initial Nursing Assessment Following Trauma” at Lake Erie Chapter, American Association of Critical-Care Nurses; Cleveland, Ohio; October 1988.

“Point/Counterpoint: Non-Nursing Personnel vs. All Professionals” and “The CNS and the Nursing Shortage” at Innovations 88, American Association of Critical-Care Nurses; Denver, Colorado; September 1988.

“Computer Generated Care Plans and the Critically Ill” at the 1988 National Teaching Institute American Association of Critical-Care Nurses; Dallas, Texas; May 1988.

“Pain Assessment by Registered Nurses” at the Second Annual Excellence in Trauma Nursing Symposium: Management of Multiple Trauma and Burns, Cleveland Metropolitan General/HIGHLAND View Hospital; Cleveland, Ohio; May 1988. [poster presentation]

“Assessment of Pain by Registered Nurses” at Clinical Research Shaping Nursing Practice University Hospitals of Cleveland & Case Western Reserve University; Cleveland, Ohio; March 1988.

“Pain Assessment by Registered Nurses” at the Second Annual Mellen Conference, Perspectives '87; Acute and Critical Care Nursing; Cleveland, Ohio; November 1987. [poster presentation]

“Rehabilitation of the Burn Victim” at the North Coast Chapter of the Association of Rehabilitation Nurses; Cleveland, Ohio; March 1987.

“Orthopedic Trauma – Nursing Diagnosis” at Orthopedic Trauma: Putting Back the Pieces, Greater Cleveland Chapter of NAON; Cleveland, Ohio; November 1986.

“Renal Therapeutics: Diuretics for the Cardiac Patient” and “Renal Dysfunction in the Cardiac Patient” at Dimensions in Cardiac Critical Care, The Cleveland Clinic Foundation; Cleveland, Ohio; April 1985, April 1986.

“Nursing Implications for the Patient with Fluid and Electrolyte Imbalances” at the Managing the Acutely Ill Medical-Surgical Patient: A Plan for Action, Cleveland Metropolitan General/HIGHLAND View Hospital; Cleveland, Ohio; November 1985.

“The Intra-Aortic Balloon Pump” at Lakewood Hospital; Lakewood, Ohio; November 1985.

“The Renal System” and “The Gastrointestinal System” at Advanced Concepts in Critical Care Nursing, The Moses H. Cone Memorial Hospital; Greensboro, North Carolina; June 1985.

“Troubleshooting the Intra-Aortic Balloon Pump” at North Coast Nurses Group; Cleveland, Ohio; April 1985.

“Thermal Injury” at Triage and Emergent Care of the Burn Victim, Burn Center of Cleveland Metropolitan General/HIGHLAND View Hospital; Cleveland, Ohio; September 1983, March 1985.



Cleveland Clinic

The Stanley Shalom Zielony Institute
For Nursing Excellence

DEBORAH G. KLEIN, MSN, RN, ACNS-BC, CCRN, CHFN, FAHA

“Initial Nursing Assessment Following Trauma” at Trends and Current Concepts in Critical Care Nursing, Lake Erie Chapter, AACN; Cleveland, Ohio; October 1984.

“Do Nurses Have the Right to Refuse to Participate in Resuscitation?” at the Greater Cleveland Nurses Association; Cleveland, Ohio; February 1984.

“Nursing Implications for the Care of Patients with Fluid and Electrolyte Imbalances” at the Challenges in Medical-Surgical Nursing; 1980 Approach, Cleveland Metropolitan General/HIGHLAND View Hospital; Cleveland, Ohio; November 1983.

“Blood Replacement and Blood Products” at Systemic Approaches to Shock, Lake Erie Chapter, AACN; Cleveland, Ohio; October 1983.

“Blood and Blood Products” and “Trauma” at Dimensions in Cardiac Critical Care, The Cleveland Clinic Foundation Cleveland, Ohio; April 1983.

“Post-Pericardiotomy Syndrome: Assessment and Therapy” at The Cardiac Patient: Primary, Secondary, and Tertiary Nursing Care, American Heart Association; Cleveland, Ohio; April 1983.

“The Role of the Clinical Nurse Specialist” at the Nursing Expo; Cleveland, Ohio; September 1982.

“Health Protective Behaviors of Professional Nurses” at the Midwest Nursing Research Society; Columbus, Ohio; April 1982. [poster presentation]