

Scott Bolesta, PharmD, BCPS, FCCM

Department of Pharmacy Practice
Nesbitt College of Pharmacy and Nursing
Wilkes University
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Education and Training

Precision Medicine Conference

University of Florida College of Pharmacy
March 2016 University of Florida Orlando, FL

Graduate Summer Institute of Epidemiology and Biostatistics

Bloomberg School of Public Health
July 2015 The Johns Hopkins University Baltimore, MD

The SHARE Approach: Essential Steps of Shared Decision Making

Funded by Agency for Healthcare Research and Quality (AHRQ)
May 2015 Pennsylvania Medical Society Harrisburg, PA

Focused Investigator Training (FIT) Program

July 2014 American College of Clinical Pharmacy Research Institute Athens, GA

Team Strategies to Enhance Performance and Patient Safety (STEPPS) Master Training

Funded by Agency for Healthcare Research and Quality (AHRQ)
August 2013 North Shore Long Island Jewish Health System New Hyde Park, NY

Critical Care Specialty Residency

ASHP Accredited
July 2001 – June 2002 University of Kentucky Medical Center Lexington, KY

Pharmacy Practice Residency

ASHP Accredited
July 2000 – June 2001 University of Arizona Medical Center Tucson, AZ

Doctor of Pharmacy

Nesbitt School of Pharmacy Wilkes University Wilkes-Barre, PA
May 2000

Academic Appointments

Associate Professor with Tenure

June 2011 – Present Wilkes University Wilkes-Barre, PA

Assistant Professor

August 2005 – June 2011 Wilkes University Wilkes-Barre, PA

Adjunct Assistant Professor

December 2004 – August 2005 Wilkes University Wilkes-Barre, PA

Professional Appointments

Visiting Investigator, Center for Pharmacy Innovation and Outcomes

January 2016 – Present Geisinger Health System Forty-Fort, PA

Clinical Pharmacist, Internal Medicine/Critical Care

August 2005 – Present Regional Hospital of Scranton Scranton, PA

Visiting Scientist, Genomic Medicine Institute

July 2015 – December 2015 Geisinger Health System Forty Fort, PA

Clinical Pharmacist, Critical Care and Cardiovascular Medicine

May 2003 – July 2005 Geisinger Medical Center Danville, PA

Clinical Pharmacist, Critical Care

August 2002 – April 2003 Union Memorial Hospital Baltimore, MD

Professional Licenses/Certifications

- Pharmacogenomics Certificate Course for Pharmacists (2016)
- Board Certified Pharmacotherapy Specialist (valid until December 2022)
- Registered Pharmacist: Pennsylvania
- Basic Life Support (expires, August 2018)

Awards and Honors

- Fellow of the American College of Critical Care Medicine: 2014
- Society of Critical Care Medicine Presidential Citation: 2009, 2012 – 2015, 2017
- American College of Clinical Pharmacy Volunteer Recognition: 2011, 2013
- Mylan Pharmaceuticals Inc. Excellence in Pharmacy Award, 2000
- The Rho Chi Society, Pharmaceutical Honor Society, 2000
- Graduated *Summa Cum Laude*, Wilkes University

Teaching Experience

Experiential Education

PHA 440, Introductory Pharmacy Practice Experience II, 1 credit hour, 2 students each week, Regional Hospital of Scranton, Scranton, PA. Preceptor. Fall 2008 – Present.

PHA 510, Adult Internal Medicine Advanced Pharmacy Practice Experience, 6 credit hours, 2 students per rotation block, Regional Hospital of Scranton, Scranton, PA. Preceptor. Spring 2006 – Present.

PHA 445, Introductory Pharmacy Practice Experience III, 2 credit hours, 1 student every two weeks, Regional Hospital of Scranton, Scranton, PA. Preceptor. Summer 2013 – Summer 2014.

PHA 599A, Clinical Research Advanced Pharmacy Practice Experience, 6 credits, 1 student, Regional Hospital of Scranton, Scranton, PA. Preceptor. Spring 2008 – Spring 2014.

PHA 403, Introduction to Pharmacy Practice Experience, 1 credit hour, 2 students each week, Mercy Hospital, Scranton, PA. Preceptor. Fall 2006 – Fall 2007.

PHA 599, Adult Critical Care Medicine Advanced Pharmacy Practice Experience, 6 credit hours, 1 student per rotation block, Geisinger Medical Center, Danville, PA. Preceptor. May 2004 – May 2005.

Didactic Education

PHA 435, Pharmacogenomics, 2 credit hours, up to 25 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Course Co-coordinator and lecturer. Spring 2017 – Present

PHA 423, Principles of Pharmacotherapeutics II, 2 credit hours, 72 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Lecturer.

- “Introduction to Pharmacogenomics,” Fall 2016 – Present

PHA 523, Pharmacotherapeutics VIII: Cardiovascular Disorders, 4 credit hours, 72 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Lecturer.

- “Coronary Artery Disease,” Fall 2013 – Present
- “Acute Coronary Syndromes,” Fall 2013 – Present
- “Cerebrovascular Accidents,” Fall 2013 – Present
- “Anticoagulation in the Acute Care Setting,” Fall 2013 – Present
- “Acute Heart Failure,” Fall 2013 – Present
- “Arrhythmias,” Fall 2013 – Present

PHA 525, Pharmacotherapeutics IX: Pharmacotherapeutics of Renal Disorders, 2 credit hours, 72 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Lecturer.

- “Acute Kidney Injury,” Fall 2005 – Present
- “Drug-Induced Kidney Disease,” Fall 2005 – Present
- “Drug Dosing in Kidney Disease,” Fall 2007 – Present
- “Sodium and Water Disorders,” Fall 2012
- “Fluids and Electrolytes,” Fall 2012
- “Acid/Base Disorders,” Fall 2012
- “Chronic Kidney Disease,” Fall 2012

PHA 534, Introduction to Hospital Pharmacy Practice, 2 credit hours, up to 25 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Course Co-coordinator and lecturer. Fall 2008 – Present

PHA 401, Pharmaceutical Care Lab II, 1 credit hour, 72 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator and Coordinator for the Physical Assessment series.

- “Physical Assessment of the Gastrointestinal and Hepatic Systems,” Fall 2006 – Fall 2014.
- Physical Assessment Practical, Fall 2006 – Fall 2014
- “Introduction to Physical Assessment,” Fall 2011

PHA 426, Pharmacotherapeutics IV: Pharmacotherapeutics of Gastrointestinal Disorders, 2 credit hours, 72 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Course Co-coordinator and Lecturer.

- “Peptic Ulcer Disease,” Spring 2008 – Spring 2016
- “Gastroesophageal Reflux Disease,” Spring 2008 – Spring 2016
- “Non-infectious Diarrhea,” Spring 2006 – Spring 2016
- “Constipation and Irritable Bowel Syndrome,” Spring 2006 – Spring 2016
- “Inflammatory Bowel Disease,” Spring 2006 – Spring 2016
- “Cirrhosis,” Spring 2006 – Spring 2016
- “Drug-Induced Liver Disease,” Spring 2006 – Spring 2016
- “Stress-Related Mucosal Disease,” Spring 2006 – Spring 2009
- “Upper GI Bleeding,” Spring 2008

PHA 502, Pharmaceutical Care Lab IV, 1 credit hour, 72 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator.

- “TeamSTEPPS CUS IPE Lab,” Spring 2017
- “TeamSTEPPS SBAR and CUS IPE Lab,” Spring 2016 – Present
- “TeamSTEPPS Communication Tools,” Spring 2015
- “Orientation to the Clinical Nursing Simulation Center,” Spring 2014
- “Pediatric Respiratory Simulation,” Spring 2014
- “Interdisciplinary Cardiovascular Care,” Spring 2012 – Spring 2013
- “Provision of Pharmaceutical Care During Respiratory Urgencies,” Spring 2012 – Spring 2013
- “Provision of Pharmaceutical Care During Patient Urgencies and Emergencies,” Spring 2011

PHA 503, Longitudinal Care I, 1 credit hour, 8 students, Wilkes University, Nesbitt College of Pharmacy. Longitudinal Experience. Facilitator. Fall 2005 – Fall 2007, Fall 2014

PHA 504, Longitudinal Care II, 1 credit hour, 8 students, Wilkes University, Nesbitt College of Pharmacy. Longitudinal Experience. Facilitator. Spring 2006 – Spring 2008; Spring 2012; Spring 2015

BEGR 409, Introduction to Bioengineering, 3 credit hours, 9 students, Wilkes University, College of Science and Engineering. Lecture. Lecturer.

- “Bioengineering in Cardiac Surgery: Surgery or Mechanics.” Fall 2012 – Fall 2013.

PHA 411, Clinical Pharmacokinetics, 4 credit hours, 72 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Lecturer. Fall 2012.

PHA 501, Pharmaceutical Care Lab III, 1 credit hour, 72 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator.

- “Congestive Heart Failure,” Fall 2005 – Fall 2011
- “Pharmacokinetics,” Fall 2007

NSG 533, Pharmacotherapeutics for Nurses, 3 credit hours, 16 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Lecturer.

- “Anemia,” Spring 2008
- “Constipation, Diarrhea and Irritable Bowel Syndrome,” Spring 2008

- “Gastroesophageal Reflux Disease and Peptic Ulcer Disease,” Spring 2006 – Spring 2008

PHA 403, Pharmaceutical Care Lab III, 1 credit hour, 65 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator.

- “Pharmacokinetics,” Spring 2007 – Spring 2008

PHA 302, Pharmaceutical Care Lab I, 1 credit hour, 65 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator.

- “Pharmacist-Patient Consultation Program,” Spring 2006

PHA 342, Pharmacology II, 2 credit hours, 22 students, Pennsylvania College of Technology, Physician Assistant Program. Lecture. Lecturer. “Coronary Artery Disease and Arrhythmias,” Spring 2005.

PHR 929, Contemporary Aspects of Pharmacy Practice II (CAPP II), 4 credit hours, 10 students, University of Kentucky, College of Pharmacy. Case discussion. Facilitator. Spring 2002.

PHR 959, Contemporary Aspects of Pharmacy Practice V (CAPP V), 7 credit hours, 88 students, University of Kentucky, College of Pharmacy. Lecture and Lab. Lecturer and Instructor. “Adult Cardiac Life Support,” Fall 2001.

PhPr 475a, Pharmacotherapeutics, 6 credit hours, 10 students, University of Arizona, College of Pharmacy. Case discussion. Facilitator. Spring 2001.

PhPr 475b, Pharmacotherapeutics, 6 credit hours, 10 students, University of Arizona, College of Pharmacy. Case discussion. Facilitator. Fall 2000.

Committee Appointments

Academic Committees

Wilkes University

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|---|---------------------------|
| Faculty Affairs Council | Spring 2017 – Present |
| Director of Sponsored Programs and Grant Support Search Committee | Spring 2014 |
| Teacher Recognition and Effectiveness Committee | Fall 2011 – Summer 2014 |
| - <i>Chair</i> | Fall 2013 – Spring 2014 |
| Faculty Handbook Subcommittee of the Faculty Affairs Counsel | Fall 2011 – Fall 2012 |
| - <i>Secretary</i> | Fall 2011 – Fall 2012 |
| Faculty Handbook Committee | Summer 2011 |
| Director of Admissions Search Committee | Spring 2011 |
| Admissions and Financial Aid Committee | Fall 2008 – Spring 2011 |
| - <i>Chair</i> | Fall 2010 – Spring 2011 |
| - <i>Webmaster</i> | Fall 2009 – Spring 2011 |
| Employee Compensation Committee | Spring 2008 – Spring 2010 |
| Faculty Development Committee | Fall 2007 – Spring 2008 |

Nesbitt College of Pharmacy

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| Curriculum Committee | Fall 2016 – Present |
| Student Affairs Committee | Fall 2012 – Summer 2014 |
| | Fall 2007 – Summer 2009 |
| Assessment Committee | Fall 2009 – Spring 2011 |

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| - <i>Chair</i> | Fall 2010 – Spring 2011 |
| Curricular Mapping Task Force Committee | Spring 2010 |
| Secretary, School of Pharmacy | Fall 2007 – Spring 2009 |
| Loading Tack Force Committee | Fall 2007 – Spring 2008 |

Health System Committees and Workgroups

Geisinger Health System

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| ACS Carepath | 2017 |
| Pharmacogenomics Advisory Committee | 2017 |

Center for Pharmacy Innovation and Outcomes

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| Student Curriculum Workgroup | 2017 |
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Regional Hospital of Scranton

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|---------------------------|-------------|
| Critical Care Committee | 2006 – 2017 |
| Pharmacy and Therapeutics | 2005 – 2017 |

Geisinger Medical Center

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| Code Committee | 2004 – 2005 |
| Drug Use Evaluation Committee | 2004 – 2005 |
| Cardiac ICU Medication Safety Committee | 2003 – 2005 |
| Pharmacy and Therapeutics Committee | 2003 – 2005 |

Union Memorial Hospital

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|-------------------------------------|-------------|
| Code Committee | 2002 – 2003 |
| Drug Use Evaluation Committee | 2002 – 2003 |
| Pharmacy and Therapeutics Committee | 2002 – 2003 |

Professional Committees

American College of Clinical Pharmacy

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|---|----------------|
| - <i>Chair</i> , Critical Care Practice and Research Network | 2017 |
| - 2017 Clinical Practice Affairs Committee | 2017 |
| - <i>Chair-Elect</i> , Critical Care Practice and Research Network | 2016 |
| - 2016 ACCP Task Force on Collaborative Research Opportunities | 2016 |
| - Critical Care Practice and Research Network, Critical Care Pharmacy Services Task Force | 2015 – Present |
| - Critical Care Practice and Research Network, Program Committee | 2013 – Present |
| - Critical Care Practice and Research Network, Research Committee | 2013 – Present |
| - <i>Secretary/Treasurer</i> , Critical Care Practice and Research Network | 2015 |
| - 2015 Member Relations Committee | 2015 |
| - 2013 Clinical Practice Affairs Committee | 2013 |
| - Critical Care Practice and Research Network, Communications Committee | 2010 – 2012 |
| - <i>Chair</i> | 2012 |
| - <i>Vice-Chair</i> | 2011 |

Society of Critical Care Medicine

- Society of Critical Care Medicine Ethics Committee 2015 – Present
- Research Section 2013 – Present
 - *Secretary-Treasurer* 2017
 - *Chair, Communications Committee* 2013 – 2017
- Clinical Pharmacy and Pharmacology Section, Program Committee 2014 – 2016
- Research Network Task Force 2015 – 2016
- Drug Shortages Committee 2012 – 2016
 - *Immediate Past Co-Chair* 2016
 - *Co-Chair* 2012 – 2016
- *Member-at-Large, Research Section* 2013 – 2016
- Post-Graduate and Fellowship Education Committee 2010 – 2016
- Scientific Review Committee 2012 – 2015
- Clinical Pharmacy and Pharmacology Section, Patient Safety Committee 2011 – 2014
- Clinical Pharmacy and Pharmacology Section, Research Committee 2010 – 2012
- Clinical Pharmacy and Pharmacology Section, Communications Committee 2007 – 2010
 - *Chair* 2009
 - *Vice-Chair* 2008

The Wright Center for Graduate Medical Education Institutional Review Board

2012 – 2017

Blue Cross Blue Shield of Northeastern Pennsylvania Pharmacy and Therapeutics Committee

2006 – 2015

Research Experience

Pilot Study of Vitamin C Pharmacokinetics and Pharmacodynamics in Cardiac Surgery Patients

January 2017 – May 2018 Wilkes University Wilkes-Barre, PA

Assessing Ascorbic Acid and Oxidative Biomarkers in Human Subjects

June 2016 – June 2017 Wilkes University Wilkes-Barre, PA

ACS Advocate

October 2016 – December 2017 Geisinger Health System Danville, PA

Assessment of Medication Use Among Medically Complex Children

2015 – Present Geisinger Health System Danville, PA

Pharmacy Students' Knowledge, Attitude and Perceptions of Critical Care Pharmacy Practice

2015 – Present Wilkes University Wilkes-Barre, PA

Atrial Fibrillation Genetics (AFGen) Consortium

July 2015 – January 2016 Geisinger Health System Danville, PA

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| Practices Surrounding the Identification, Prevention, and Treatment of Delirium in the Intensive Care Unit | | |
| 2015 | Regional Hospital of Scranton | Scranton, PA |
| Application of the GRADE Criteria: Drug Combination-Associated Acute Kidney Injury | | |
| 2015 | University of Pittsburgh | Pittsburgh, PA |
| Factors Motivating Pharmacy Students to Pursue or Not Pursue Residency or Fellowship Training | | |
| 2015 | Wilkes University | Wilkes-Barre, PA |
| Effect of Preoperative Statin Use on the Incidence of Post-Operative Atrial Fibrillation after Aortic Valve Replacement | | |
| 2014 | Regional Hospital of Scranton | Scranton, PA |
| Effect of Ascorbic Acid on the Incidence of Post-Operative Atrial Fibrillation in Patients Undergoing Cardiac Surgery | | |
| 2011 – 2014 | Regional Hospital of Scranton | Scranton, PA |
| Current Trends in the Use of Stress Ulcer Prophylaxis in Critically Ill Patients: a Multicenter Study | | |
| 2013 | Regional Hospital of Scranton | Scranton, PA |
| Effect of Lorazepam versus Morphine on Quality of Life in Hospice Patients with Dyspnea and Anxiety | | |
| 2013 | Regional Hospital of Scranton | Scranton, PA |
| Effect of Omega-3 fatty Acids on the Incidence of Major Gastrointestinal Bleeding in Patients with a History of Major Gastrointestinal Bleeding | | |
| 2012 – 2013 | Regional Hospital of Scranton | Scranton, PA |
| Facilitation of Interprofessional Education Among Student Health Professionals Using Human Patient Simulation | | |
| 2012 | Wilkes University | Wilkes-Barre, PA |
| Effect of Statin Medications on the Incidence of Postoperative Atrial Fibrillation after Cardiac Valve Surgery | | |
| 2012 | Regional Hospital of Scranton | Scranton, PA |
| Assessment of Health Literacy Training in Pharmacy Students | | |
| 2012 | Wilkes University | Wilkes-Barre, PA |
| Prevalence and Factors Associated With Prolonged Empiric Antibiotic Therapy (PEAT) in the Intensive Care Unit | | |
| 2011 | Regional Hospital of Scranton | Scranton, PA |
| Association of Post-Operative Atrial Fibrillation with Sodium Nitroprusside in Cardiac Surgery Patients | | |
| 2010 – 2011 | Regional Hospital of Scranton | Scranton, PA |

Association Between Proton Pump Inhibitor Therapy and *Clostridium difficile*-Associated Disease in the Critically Ill

2009 – 2010 Regional Hospital of Scranton Scranton, PA

A Multicenter Assessment of Sedation and Analgesia Practices for Critically Ill Adults Requiring Mechanical Ventilation

2009 Regional Hospital of Scranton Scranton, PA

Effectiveness of an Electrolyte Replacement Protocol in an Adult Intensive Care Unit

2008 – 2010 Regional Hospital of Scranton Scranton, PA

Association of Preoperative Statins with Acute Kidney Injury after Cardiac Surgery

2008 – 2009 Mercy Hospital Scranton, PA

Survey of Pharmacy Student Physical Assessment Skills and Impact of Instruction by Pharmacy Faculty

2007 – 2010 Wilkes University Wilkes-Barre, PA

Impact of Pharmacist Intervention on Stress Ulcer Prophylaxis Continued After Intensive Care Unit Discharge

2004 – 2005 Geisinger Medical Center Danville, PA

Heparin versus Low Molecular Weight Heparin for Prevention of Venous Thromboembolism in Patients Undergoing Elective Craniotomy for Tumor Resection

2001 – 2002 University of Kentucky Medical Center Lexington, KY

Use of Metoclopramide in Ileus and Feeding Tube Placement

2000 – 2001 University Medical Center Tucson, AZ

Grants and Funding

Bolesta S. Faculty and Peer-To-Peer Mentored Research in Cardiovascular Science. Submitted March 2017; Wilkes University. Amount requested: \$8000 in direct costs. Submitted. Funding period: 06/01/2017-08/31/2017. Receiving agency/agent: Wilkes University. Funded for \$6725.

Bolesta S. Advancing the Cardiovascular Science of Vitamin C in Cardiac Surgery Patients. Submitted August 2016; Wilkes University. Amount requested: \$10,000 in direct costs. Submitted. Funding period: 01/01/2017-05/31/2018. Receiving agency/agent: Wilkes University. Funded.

Wright EA, Steinhubl S, Bolesta S, VanLoan RP, Sees AC. ACS Advocate. Submitted April 2016; AstraZeneca. Amount requested: \$608,372 in direct costs. Submitted. Funding period: 10/01/2016-11/30/2017. Receiving agency/agent: Geisinger Health System. Funded.

Bolesta S, Gutierrez LS, Kibbe AH, Kong F, Chen O. Advancing the Cardiovascular Science of Vitamin C: Determining its Pharmacokinetics and Pharmacodynamics during Cardiac Surgery to Prevent A. Fib. Submitted June 2015; National Heart Lung and Blood Institute. Amount requested: \$250,000 in direct costs. Submitted. Funding period: 06/01/2016-05/31/2018. Receiving agency/agent: Wilkes University. Not funded.

Bolesta S. Focused Investigator Training (FIT) Program scholarship, Research Institute, American College of Clinical Pharmacy. Submitted May 2014. Critical Care Practice and Research Network, American College of Clinical Pharmacy. Amount requested: \$3,750. Amount awarded: \$3,750. Funded. Funding period: July 2014.

Bolesta S, Koch LVon. Effect of Ascorbic Acid on the Incidence of Post-Operative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. Submitted February 1, 2013. Wilkes University Faculty Development Committee. Amount requested: \$4,200. Amount awarded: \$4,200. Funded. Funding period: June 2013 – May 2014.

Bolesta S, Koch LVon. Effect of Ascorbic Acid on the Incidence of Post-Operative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. Submitted September 12, 2012. Gustavus and Louise Pfeiffer Research Foundation. Amount requested: \$40,000. Not funded.

Publications

Print Peer-Reviewed Journal Articles

Rivosecchi RM, Kellum JA, Dasta JF, Armahizer MJ, Bolesta S, Buckley MS, Dzierba AL, Frazee EN, Johnson HJ, Kim C, Murugan R, Smithburger PL, Wong A, Kane Gill SL. Drug class combination-associated acute kidney injury. *Annals of Pharmacotherapy*. 2016 Nov;50(11):953-972.

Rezaei Y, Samiei N, Hosseini S, Bolesta S, Kong F. Do statins attenuate postoperative atrial fibrillation in isolated heart valve surgery? *Pharmacotherapy*. 2016;36(3):e16-7.

Bolesta S, Kong F. Effect of statins on the incidence of post-operative atrial fibrillation after cardiac valve surgery. *Pharmacotherapy*. 2015;33(11):998-1006.

Bolesta S, Aungst TD, Kong F. Effect of sodium nitroprusside on the occurrence of atrial fibrillation after cardiothoracic surgery. *Ann Pharmacother*. 2012;46:785-92.

Boruah PK, Bolesta S, Shetty SM. Possible lenalidomide-induced Stevens-Johnson syndrome during treatment for multiple myeloma. *Pharmacotherapy*. 2011;31(9):925.

Dager W, Bolesta S, Brophy G, Dell K, Gerlach A, Kristeller J, et al. An opinion paper outlining recommendations for training, credentialing, and documenting and justifying critical care pharmacy services. *Pharmacotherapy*. 2011;31(8):829.

Bolesta S, Uhrin LM, Guzek JR. Preoperative statins and acute kidney injury after cardiac surgery: utilization of a consensus definition of acute kidney injury. *Ann Pharmacother*. 2011 Jan;45(1):23-30.

Bolesta S, Roslund BP. Elevated hepatic transaminases associated with telithromycin therapy: a case report and literature review. *AJHP*. 2008;65:37-41.

Bolesta S, Erstad BL. Use of metoclopramide in ileus: a look at duration of therapy. *Hosp Pharm*. 2002;37:949-52.

Bolesta S, Haber SL. Hepatotoxicity associated with chronic acetaminophen administration in patients without risk factors. *Ann Pharmacother*. 2002;36:331-3.

Malinowski JM, Bolesta S. Rosiglitazone in the treatment of type 2 diabetes mellitus: a critical review. *Clin Ther*. 2000;22:1151-68.

Electronic Peer-Reviewed Journal Articles

Hammond DA, Oyler DR, Devlin JW, Painter JT, Bolesta S, Swanson JM, Bailey BJ, Branan T, Barletta JF, Dunn B, Haney JS, Juang P, Kane-Gill SL, Kiser T, Shafeeq H, Skaar D, Smithburger P, Taylor J. Perceived Motivating Factors and Barriers for the Completion of Postgraduate Training Among American Pharmacy Students Prior to Beginning Advanced Pharmacy Practice Experiences. *Am J Pharm Educ.* 2017 June;81(5):Article 90. Available at:
<http://www.ajpe.org/doi/full/10.5688/ajpe81590>

Bolesta S, Chmil JV. Interprofessional education among student health professionals using human patient simulation. *Am J Pharm Educ.* 2014 June 17;78(5):Article 94. Available at:
<http://www.ajpe.org/doi/full/10.5688/ajpe78594>

Bolesta S, Trombetta DP, Longyhore DS. Pharmacist instruction of physical assessment for pharmacy students. *Am J Pharm Educ.* 2011 Mar 10;75(2):Article 29. Available at:
<http://www.ajpe.org/doi/full/10.5688/ajpe75229>

Print Non-Peer-Reviewed Journal Articles

Bolesta S. Author's reply. *Ann Pharmacother.* 2002 Sep;36(9):1482-1483. (Letter).

Abstracts

Rivosecchi RM, Dasta JF, Kellum JA, Kane-Gill SL, Armahizer MJ, Bolesta S, et al. A Unique Application of the GRADE Criteria: Drug Combination-Associated AKI. *Crit Care Med.* 2015;43(12 Suppl):A975 (Abstract).

Daubert E, Bolesta S. Effect of Lorazepam Versus Morphine on Quality of Life in Hospice Patients with Dyspnea and Anxiety. *J Am Pharm Assoc.* 2014;54:e76-e219 (Abstract).

Bolesta S, Chmil JV. Facilitation of Interprofessional Education Among Student Health Professionals Using Human Patient Simulation. *Am J Pharm Educ.* 2013;7 (5):68 (Abstract).

Bolesta S, Kong F. Effect of Statin Medications on the Incidence of Postoperative Atrial Fibrillation After Cardiac Valve Surgery. *Crit Care Med.* 2012;40(12 Suppl):A977 (Abstract).

Bolesta S. Using a High-Fidelity Simulation Mannequin to Foster Pharmacy Student Collaborative Care. *Am J Pharm Educ.* 2012;76(5):99 (Abstract).

Brady JP, Foote EF, Bolesta S. Assessment of Health Literacy Training in P1 Pharmacy Students. *Am J Pharm Educ.* 2012;76(5):99 (Abstract).

Bolesta S, Kong F, Aungst TD. Effect of sodium nitroprusside on the occurrence of atrial fibrillation after cardiothoracic surgery. *Crit Care Med.* 2011;39(12 Suppl):A262 (Abstract).

Bolesta S, Trombetta DP, Longyhore DS. Pharmacy students' perceived value of physical assessment instruction by nursing or pharmacy faculty. *Am J Pharm Educ.* 2010;74(5):96 (Abstract).

Bolesta S, Guzek J, Uhrin L. Association of preoperative statins with acute kidney injury after cardiac surgery: utilization of a consensus definition of acute kidney injury. *Crit Care Med.* 2009;37(12 Suppl):A201 (Abstract).

Bolesta S. Scoring variability using a standardized evaluation form for a physical assessment practical. *Am J Pharm Educ.* 2009;73(4):55 (Abstract).

Bolesta S, Longyhore DS, Kang SK. Pharmacy student survey of physical assessment instruction and experience. *Am J Pharm Educ.* 2008;72(3):46 (Abstract).

Book Chapters

- Bolesta S, Montgomery PA. Pancreatitis. In: DiPiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, eds. *Pharmacotherapy: A Pathophysiologic Approach.* 10th ed. New York: McGraw-Hill, 2017. 39;545-560.
- Bolesta S. Acute kidney injury. In: Schwinghammer TL, Koehler JM, Borchert JS, Slain D, Park SK, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach.* 10th ed. New York: McGraw-Hill, 2017. 54;151-152.
- Bolesta S. Acute kidney injury. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach.* 9th ed. New York: McGraw-Hill, 2014. 157-158.
- Bolesta S, Montgomery PA. Pancreatitis. In: DiPiro JT, Talbert RL, Yee GC, et al, eds. *Pharmacotherapy: A Pathophysiologic Approach.* 9th ed. New York: McGraw-Hill, 2014. 565-582.
- Cooper BE, Bolesta S. Implementation of medication safety measures. In: Papadopoulos J, Cooper BE, Kane-Gill SL, et al, eds. *Drug Induced Complications in the Critically Ill Patient: A Guide for Recognition and Treatment.* Mount Prospect, IL: Society of Critical Care Medicine, 2012. 439-48.
- Bolesta S. Acute kidney injury. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach.* 8th ed. New York: McGraw-Hill, 2011. 151-3.
- Bolesta S, Montgomery PA. Pancreatitis. In: DiPiro JT, Talbert RL, Yee GC, et al, eds. *Pharmacotherapy: A Pathophysiologic Approach.* 8th ed. New York: McGraw-Hill, 2011. 669-84.
- Bolesta S, Bendayan R. Acute kidney injury. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach.* 7th ed. New York: McGraw-Hill, 2008. 133-35.
- Bolesta S, Foote EF. Contrast-induced nephropathy. In: Dunsworth T, Richardson M, Cheng J, et al, eds. *Pharmacotherapy Self-Assessment Program,* 6th ed. Nephrology. Lenexa, KS: American College of Clinical Pharmacy, 2007:73-90.

Electronic Newspaper Article

Bolesta S. Vasopressin in septic shock: the old and the new. *Society of Critical Care Medicine Clinical Pharmacy and Pharmacology Section Newsletter.* 2007; 7(4):4-6. Available at: <http://www.sccm.org/SiteCollectionDocuments/PPP%20NL%20October%202007.pdf>

Print Non-Peer-Reviewed Journal Article

Bolesta S. Questions & answers. Avandia and URIs. *Diabetes Self-Management.* 2007;24(1):69.

Presentations

Podium

The Impact of Drug Shortages on ICU Medication Therapy. Society of Critical Care Medicine: Baltimore Chapter. Baltimore, MD; August 17, 2017.

Charting the Course for ICU Pharmacy Practice: An Update on the Position Paper on Critical Care Pharmacy Practice. Society of Critical Care Medicine 45th Annual Critical Care Congress, Clinical Pharmacy and Pharmacology Section Pre-Congress Symposium. Orlando, FL; February 20, 2016.

Treatment of *C. difficile*: Is There More Than Vancomycin and Metronidazole? Society of Critical Care Medicine 44th Annual Critical Care Congress. Phoenix, AZ; January 19, 2015.

Geriatrics. Society of Critical Care Medicine 42nd Annual Critical Care Congress. San Juan, PR; January 23, 2013.

Anticoagulants: when to give and when to hold. Society of Critical Care Medicine 41st Annual Critical Care Congress. Houston, TX; February 7, 2012.

Gastroesophageal reflux disease: causes, complications and treatment. Pennsylvania Pharmacists Association Annual Meeting. Valley Forge, PA; August 11, 2006.

Paper/Oral Abstract

Heparin compared to low molecular weight heparin for prevention of venous thromboembolism in patients undergoing elective craniotomy for tumor resection. Southeastern States Residency Conference. Athens, GA; April 25, 2002.

Proper use of metoclopramide in ileus and feeding tube placement. Western States Regional Residency Conference. Asilomar, CA; May 8, 2001.

Panel

Precepting pearls. Nesbitt School of Pharmacy Preceptor Development Conference. Wilkes-Barre, PA; September 12, 2006.

Round Table Facilitator

Career Options in Critical Care Pharmacy Practice. American College of Clinical Pharmacy Annual Meeting. San Francisco; October 18, 2015.

Career Options in Critical Care Pharmacy Practice. American College of Clinical Pharmacy Annual Meeting. Austin, TX; October 12, 2014.

Dosing challenges in patients with renal insufficiency. Pennsylvania Society of Health-System Pharmacists Annual Meeting. Lancaster, PA; October 23, 2009.

Low molecular weight heparin: dosing considerations for special populations. Pennsylvania Society of Health-System Pharmacists Annual Meeting. Lancaster, PA; October 23, 2009.

Peer-Reviewed Poster

Bolesta S, Black E, Berger A, Davis T, Greskovic G. Effect of Enrollment in a Transition Clinic for Medically Complex Adolescents on Medication Laboratory Monitoring. American College of Clinical Pharmacy Annual Meeting. Phoenix, AZ; October 10, 2017.

Zarfoss E, Eden A, VanWert A, Bommareddy A, Bolesta S. Feasibility of determining oxidative biomarkers in healthy volunteers. American College of Clinical Pharmacy Annual Meeting. Phoenix, AZ; October 9, 2017.

Pulk RA, Greskovic GA, Bolesta S, Jones LK, Gionfriddo MR, Buchanan AH, Strum AC, Manickam K, Murray MF, Wright EA, Williams MS. Clinical

- Pharmacy Services for Patients with Genetically Identified Disease Risk. American College of Clinical Pharmacy Annual Meeting. Phoenix, AZ; October 8, 2017.
- Eden A, Zarfoss E, VanWert A, Bommareddy A, Kibbe A, Engel T, Bolesta S. Feasibility study of assessing ascorbic acid and oxidative biomarkers in human subjects.(online) 2017 American College of Clinical Pharmacy Virtual Poster Symposium. May 17, 2017.
- Davis T, Black E, Bolesta S, Berger A, Wright E. Polypharmacy Evaluation for Medically Complex Adolescents and Young Adults in a Transition Clinic. Pediatric Academic Societies Meeting. San Francisco, CA; May 8, 2017.
- Foster J, Smithburger P, Bolesta S, Dell K, Hammond D, Freeman C. Critical Care PRN Membership Needs Assessment/Benefits Survey. American College of Clinical Pharmacy Annual Meeting. Hollywood, FL; October 23, 2016.
- Rivosecchi RM, Dasta JF, Kellum JA, Kane-Gill SL, Armahizer MJ, Bolesta S, et al. A Unique Application of the GRADE Criteria: Drug Combination-Associated AKI. Society of Critical Care Medicine 45th Annual Critical Care Congress. Orlando, FL; February 21, 2016.
- Paciullo CA, Bolesta S, Smithburger PL. A Poster Walk Rounds at the ACCP Annual Meeting: Surveying for Success. American College of Clinical Pharmacy Global Conference on Clinical Pharmacy. San Francisco, CA; October 21, 2015.
- Daubert E, Bolesta S. Effect of Lorazepam Versus Morphine on Quality of Life in Hospice Patients with Dyspnea and Anxiety. American Pharmacists Association Annual Meeting and Exposition. Orlando, FL; March 29, 2014.
- Bolesta S, Chmil JV. Facilitation of Interprofessional Education Among Student Health Professionals Using Human Patient Simulation. American Association of Colleges of Pharmacy Annual Meeting. Chicago, IL; July 14, 2013.
- Bolesta S, Chmil JV. Facilitation of Interprofessional Education Among Student Health Professionals Using Human Patient Simulation. Northeastern/Central Pennsylvania Interprofessional Education Coalition Faculty Development Program. Scranton, PA; May 21, 2013.
- Bolesta S, Kong F. Effect of Statin Medications on the Incidence of Postoperative Atrial Fibrillation After Cardiac Valve Surgery. Society of Critical Care Medicine 42nd Annual Critical Care Congress. San Juan, PR; January 23, 2013.
- Bolesta S. Using a High-Fidelity Simulation Mannequin to Foster Pharmacy Student Collaborative Care. American Association of Colleges of Pharmacy Annual Meeting. Kissimmee, FL; July 15, 2012.
- Brady JP, Foote EF, Bolesta S. Assessment of Health Literacy Training in P1 Pharmacy Students. American Association of Colleges of Pharmacy Annual Meeting. Kissimmee, FL; July 15, 2012.
- Bolesta S, Kong F, Aungst TD. Effect of sodium nitroprusside on the occurrence of atrial fibrillation after cardiothoracic surgery. Society of Critical Care Medicine 41st Annual Critical Care Congress. Houston, TX; February 5, 2012.
- Bolesta S, Trombetta DP, Longyore DS. Pharmacy students' perceived value of physical assessment instruction by nursing or pharmacy faculty. American Association of Colleges of Pharmacy Annual Meeting and Seminars. Seattle, WA; July 11, 2010.

- Bolesta S, Guzek JR, Uhrin LM. Association of preoperative statins with acute kidney injury after cardiac surgery: utilization of a consensus definition of acute kidney injury. Society of Critical Care Medicine 39th Annual Critical Care Congress. Miami, FL; January 10, 2010.
- Bolesta S. Scoring variability using a standardized evaluation form for a physical assessment practical. American Association of Colleges of Pharmacy Annual Meeting and Seminars. Boston, MA; July 19, 2009.
- Bolesta S, Longyhore DS, Kang S. Pharmacy student survey of physical assessment instruction and experience. American Association of Colleges of Pharmacy/Canadian Association of Faculties of Pharmacy Annual Meeting and Seminars. Chicago, IL; July 20, 2008.
- Bolesta S, Erstad BL. Proper use of metoclopramide in ileus and feeding tube placement. Arizona Society of Health System Pharmacists Annual Meeting. Tucson, AZ; July 14, 2001.
- Bolesta S, Erstad BL. Proper use of metoclopramide in ileus and feeding tube placement. American Society of Health-System Pharmacists Midyear Clinical Meeting. New Orleans, LA; December 6, 2001.
- Guharoy R, Choi S, Schachater JM, Bolesta S, Rosher P. Impact of pharmacy participation in infectious disease management team on cost avoidance and clinical outcome in a tertiary care teaching institution. American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, NV; December 4, 2000.

Non-Peer-Reviewed Poster

- Bailey BJ, Painter JT, Devlin J, Oyler D, Branan TN, Barletta J et al. Perceived motivating factors and barriers for the completion of postgraduate training in American pharmacy students. American Society of Health-System Pharmacists Midyear Clinical Meeting. New Orleans, LA; December 7, 2015.
- Thudium EM, Bolesta S, Steinhubl S. Effect of omega-3 fatty acids on the incidence of major gastrointestinal bleeding in patients with a history of major gastrointestinal bleeding. American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, NV; December 2, 2012.
- Reichert JA, Bolesta S. Effect of ascorbic acid on the incidence of postoperative atrial fibrillation in patient undergoing cardiac surgery. American Society of Health-System Pharmacists Midyear Clinical Meeting. New Orleans, LA; December 6, 2011.
- Aungst TD, Bolesta S. Effect of sodium nitroprusside on the incidence of post-operative atrial fibrillation after cardiothoracic surgery. American Society of Health-System Pharmacists Midyear Clinical Meeting. Anaheim, CA; December 6, 2010.
- Guintier J, Bolesta S. Association between proton pump inhibitor therapy for stress ulcer prophylaxis and *Clostridium difficile*-associated disease in critically ill patients. American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, NV; December 6, 2009.
- Schneider LM, Bolesta S. Effect of pre-operative statins on acute kidney injury (AKI) following cardiothoracic surgery. American Society of Health-System Pharmacists Midyear Clinical Meeting. Orlando, FL; December 7, 2008.

Poster Moderator

American College of Clinical Pharmacy Annual Meeting. Critical Care Practice and Research Network Poster Walk Rounds. October 25, 2016.

American College of Clinical Pharmacy Annual Meeting. Critical Care Practice and Research Network Poster Walk Rounds. October 20, 2015.

American College of Clinical Pharmacy Annual Meeting. Critical Care Practice and Research Network Poster Walk Rounds. October 13, 2014.

Society of Critical Care Medicine 43rd Annual Critical Care Congress. Renal and Endocrine 2 Category; poster #s 984 – 993. January 11, 2014.

Society of Critical Care Medicine 42nd Annual Critical Care Congress. Renal 1 Category; poster #s 465 – 472. January 21, 2013.

Continuing Education Program

NECPA IPEC 2015 Faculty Development: Enhancing Interprofessional Communication. The Commonwealth Medical College. Scranton, PA; May 20, 2015.

Medication Therapy for Patient Care: Can We Act Affordably?. Grand Rounds, Regional Hospital of Scranton. Scranton, PA; October 3, 2014.

The What, When and What if of the Novel Oral Anticoagulants. Grand Rounds, Regional Hospital of Scranton. Scranton, PA; June 8, 2012.

Antiplatelet agents in vascular disease: the good, the bad and the ugly. Wilkes University. Wilkes-Barre, PA; March 3, 2009.

Medication errors: an update. Grand Rounds, Mercy Hospital. Scranton, PA; January 19, 2007.

Patient safety and medication errors in the ICU. Critical Care Journal Club, Moses Taylor Hospital. Scranton, PA; August 17, 2006.

Pharmacy jeopardy. Grand Rounds, Mercy Hospital. Scranton, PA; February 17, 2006.

Surviving sepsis campaign. Medicine Grand Rounds, Geisinger Medical Center. Danville, PA; January 7, 2005.

Heparin-induced thrombocytopenia and antibiotics in the critical care setting. Department of Surgery Grand Rounds, Geisinger Medical Center. Danville, PA; March 5, 2004.

Prevention of deep vein thrombosis in neurosurgical patients. Pharmacy Grand Rounds, University of Kentucky. Lexington, KY; October 12, 2001.

Alternative agents for patients with heparin-induced thrombocytopenia. Pharmacy Grand Rounds, University Medical Center. Tucson, AZ; November 6, 2000.

Reviewer/Referee

Grants

- Society of Critical Care Medicine *Vision Grant* 2012 – 2014

Book Chapters

2015: Updates in Therapeutics: Critical Care Pharmacy Preparatory Course. One chapter reviewed.

2013: Core Curriculum for Critical Care Nursing. 7th ed. Two chapters reviewed.

2008: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al, eds. Pharmacotherapy Principles and Practice. 2nd ed. New York: McGraw Hill, 2009. 387-402. Two chapters reviewed.

Journals

- *Journal of Interventional Cardiology* 2017
- *Pharmacotherapy* 2017
- *Journal of Interprofessional Care* 2016, 2017
- *Journal of Critical Care* 2013 – 2015, 2017
- *American Journal of Pharmaceutical Education* 2011 – 2013, 2015, 2016
- *Clinical Journal of the American Society of Nephrology* 2015
- *Currents in Pharmacy Teaching and Learning* 2013, 2015
- *Annals of Pharmacotherapy* 2012
- *American Journal of Health-System Pharmacy* 2009, 2010

Meeting Abstracts

- American College of Clinical Pharmacy Virtual Poster Symposium 2017
- Society of Critical Care Medicine 42nd Annual Critical Care Congress 2012

External Dossier Reviews

- 2016: Department of Pharmacy Practice and Administration, Rutgers, The State University of New Jersey
- 2014: Department of Pharmacy and Therapeutics, University of Pittsburgh School of Pharmacy
- 2012: Department of Pharmacy Practice and Pharmacy Administration, University of the Sciences, Philadelphia, Pennsylvania.

Professional Organization Service

- Reviewer, American College of Clinical Pharmacy Student Travel Awards 2014 – 2016

Other

Cochrane Database of Systematic Reviews, Cochrane Heart Group 2011

MUEs and Policy and Protocol Development

- February 20, 2008. Adult alcohol withdrawal protocol. Protocol. Mercy Hospital. Scranton, PA.
- March 22, 2007. ICU electrolyte replacement protocol. Protocol/Order Set. Mercy Hospital. Scranton, PA.
- October 10, 2004: Intravenous pantoprazole. Medication Use Evaluation. Geisinger Medical Center. Danville, PA.
- February 24, 2003: ICU insulin protocol. Protocol. Union Memorial Hospital. Baltimore, MD.

January 22, 2003: Vasopressin for septic shock. Hospital Policy. Union Memorial Hospital. Baltimore, MD.

January 10, 2003: Use criteria for intravenous pantoprazole in stress ulcer prophylaxis. Hospital Policy. Union Memorial Hospital. Baltimore, MD.

October 4, 2002: Use criteria for intravenous chlorothiazide (Diuril® IV). Hospital Policy. Union Memorial Hospital. Baltimore, MD.

June 1, 2001: Danaparoid sodium and lepirudin. Medication Use Evaluation. University Medical Center. Tucson, AZ.

Professional Affiliations

- The United States Critical Illness and Injury Trials Group 2012 – Present
- American Association of Colleges of Pharmacy 2005 – Present
- Society of Critical Care Medicine 2001 – Present
 - *Research Section* 2013 – Present
 - *Clinical Pharmacy and Pharmacology Section* 2002 – Present
- American Society of Health-System Pharmacists 1997 – Present
 - *Section of Clinical Scientists and Specialists* 2002 – Present
 - *Faculty Liaison, Wilkes University Student Chapter* 2008 – 2014
- American College of Clinical Pharmacy 1997 – Present
 - *Practice-Based Research Network* 2010 – Present
 - *Critical Care Practice and Research Network* 2001 – Present
- Kappa Psi Pharmaceutical Fraternity, Incorporated 1997 – Present
- Critical Care Pharmacy Trials Network 2007 – 2017
- Pennsylvania Society of Health-System Pharmacists 2003 – 2006
1999 – 2000
 - *President, North-Central chapter* June 2005 – May 2006

Community Service and Volunteerism

- Travel Medicine at Wilkes Employee Health Fair with ASHP student chapter March 25, 2014
- Heart Health Awareness with the American Pharmacists Association – Association of Student Pharmacists February 7, 2013
- Travel Medicine at Wilkes Employee Health Fair with ASHP student chapter March 27, 2012
- National Community Pharmacists Association Blood Pressure Screening March 13, 2012
- National Community Pharmacists Association Blood Pressure Screening November 8, 2011
- Invited Speaker for Mended Hearts patient support group, Scranton Chapter, Regional Hospital of Scranton, Scranton, PA August 18, 2011
- Breast Cancer Awareness at Wilkes Employee Health Fair with ASHP student chapter March 22, 2011
- Invited Speaker for Mended Hearts patient support group, Scranton Chapter, Mercy Hospital, Scranton, PA June 2009

- Nesbitt School of Pharmacy Community Brown Bag December 2006
- Community Heartburn Screening with ASHP student chapter November 2006
- National Pharmacy Week at Union Memorial Hospital October 2002

References

Available upon request