

CURRICULUM VITAE

Martin K. Wakeham MD

**Associate Professor
Department of Pediatrics
Division of Critical Care**

OFFICE ADDRESS:

Children's Hospital
9000 W Wisconsin Ave
Milwaukee, WI 53226

EDUCATION:

04/1983 - 03/1990 M.D., Universidad Peruana Cayetano Heredia, Lima, Peru

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

09/1993 - 06/1996 Pediatric Resident, Suny - Health Science Center at Brooklyn, Brooklyn, NY
07/1996 - 06/1997 Pediatric Chief Resident, Suny - Health Science Center at Brooklyn, Brooklyn, NY
07/1997 - 01/1998 Pediatric Pulmonology Fellow, Suny - Health Science Center at Brooklyn, Brooklyn, NY
11/2001 - 11/2004 Pediatric Critical Care Fellow, Hope Children's Hospital, Oak Lawn, IL
04/2009 - 07/2009 Advanced Training Program in Health Care Delivery and Improvement (Accelerated Version), Intermountain Healthcare, Salt Lake City, UT
2009 Crucial Conversations Training, Children's Hospital of WI, Milwaukee, WI 53226
03/30/2015 - 04/02/2015 Health Care Project Management, Harvard School of Public Health, Boston, MA

FACULTY APPOINTMENTS:

09/1993 - 01/1998 Clinical Assistant Instructor, Pediatrics, Suny - Health Science Center at Brooklyn, NY
07/1996 - 06/1997 Pediatric Chief Resident, Health Science Center, SUNY, Brooklyn, NY
08/2008 - 06/2014 Assistant Professor, Critical Care, Pediatrics, Medical College of WI, 9000 West Wisconsin Avenue, Milwaukee, WI 53226
07/2014 - Present Associate Professor, Critical Care, Pediatrics, Medical College of Wisconsin, 9000 West Wisconsin Avenue, Milwaukee, WI 53226

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

02/2010 - Present Associate Fellowship Director, Pediatrics, Critical Care, Medical College of Wisconsin, Milwaukee, WI
10/2012 - Present QuIPS Council Pathway Member, Medical school, Discovery Curriculum, Medical College of Wisconsin, Milwaukee, WI

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

07/2000 - 11/2001 Acting Director, Pediatrics, Gratiot Community Hospital, Alma, MI
11/2004 - 12/2005 Associate Medical Director PICU, Pediatrics, Rockford Memorial Hospital, Rockford, IL
01/2006 - 07/2008 Medical Director PICU, Pediatrics, Rockford Memorial, Rockford, IL
01/2006 - 07/2008 Vice-Chair, Pediatrics, Rockford Memorial hospital, Rockford, IL
08/2008 - Present Associate Medical Director PICU, Critical Care, Children's Hospital of Wisconsin, Milwaukee, WI

RESEARCH ADMINISTRATIVE APPOINTMENTS:

2010 - 2012 Scholarship Oversight Committee, Dr Melissa Atwood, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
2010 - 2012 Scholarship Oversight Committee, Dr Mohamed Tahsin Jouhari, Pediatrics, Critical Care,

- Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2010 - 2012 Scholarship Oversight Committee, Dr Giovanna Capriolo, Pediatrics, Critical care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2011 - 2013 Scholarship Oversight Committee, Dr Apurva Panchal, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2011 - 2013 Scholarship Oversight Committee, Dr Nathan Thompson, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2011 - 2012 Master Thesis Committee, Dr Vi Goh, Pediatrics, Gastroenterology, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2011 - 2014 Scholarship Oversight Committee, Dr. Jana Sperka, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2011 - 2014 Scholarship Oversight Committee, Dr. Muhannad Hammamieh, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2011 - 2014 Scholarship Oversight Committee, Dr. Alaa Aljiffry, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2012 - 2013 Master Thesis Committee, Dr. Nathan Thompson, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2012 - 2015 Scholarship Oversight Committee, Dr. Asfaw Asfawossen, Pediatric Critical Care Fellow, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2013 - 2016 Scholarship Oversight Committee Member, Dr. Prakad Rajapreyar, Critical Care Fellow, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 West Wisconsin Ave, Milwaukee, WI 53226
- 2013 - 2016 Scholarship Oversight Committee Member, Dr. Nathan Schloemer, Pediatric Hematology Fellow, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 West Wisconsin Avenue, Milwaukee, WI 53226
- 2014 - 2017 Scholarship Oversight Committee Member, Dr. Ahmeneh Ghavam, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 West Wisconsin Avenue, Milwaukee, WI 53226
- 2015 - 2018 Pediatric Critical Care Fellow, Dr. Pamela Petersen Scholarship Oversight Committee, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
- 2017 - Present Scholarship Oversight Committee, Dr Matthew Powell, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226

HOSPITAL STAFF PRIVILEGES:

- 12/1990 - 03/1991 Campus Physician, Club Villa, Lima, Peru
- 04/1991 - 06/1993 Staff Physician, Clinical Montefiori, Lima, Peru
- 02/1998 - 11/2001 Staff Pediatrician, Pediatrics, Gratiot Community Hospital
- 01/2003 - 10/2004 Independent Contractor, Pediatrics, Critical Care, Central DuPage Hospital, Winfield, IL
- 08/2008 - Present Pediatric Critical Care Attending, Medicine, Children's Hospital of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI 53226
- 01/2011 - Present Pediatric Critical Care Attending, St Mary's Hospital, Madison, Madison, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Pediatric Board Certification	10/1996	2001
Pediatric Board Recertification	06/2001	2010
Pediatric Critical Care Medicine Board	08/2006	None

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
PALS instructor	AHA	01/2002	04/2016
PALS provider	AHA	01/2002	04/2016
ATLS provider	ACS	12/2008	12/2012
Spanish interpreter	CHHS	12/2008	None
(ACLS) Advanced	American Heart	07/2019	07/2021

Cardiovascular Life Association
Support

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Educational Commission for Foreign Medical Graduates		06/1993	None
Michigan License		12/1996	01/31/2004
Illinois Licenses		11/2000	07/31/2011
Wisconsin License	51779-020	06/2008	10/31/2021

AWARDS AND HONORS:

03/1983 First place on the Admission Exam , Universidad Peruana Cayetano Heredia
05/1997 Doris H Milman M.D. Award, for outstanding dedication for the welfare of children. Presented by the pediatric faculty, Children's Medical Center of Brooklyn.
02/2004 Highest score on 2004 Pediatric MCCAP exam., Society Critical Care Medicine
08/2011 - 2014 Annual Faculty Teaching Award acknowledging outstanding excellence in and passion for teaching the art of healing in the application of critical care medicine. Presented by critical care fellows, Medical College of Wisconsin
2011 - 2015 Recognized as "Best Doctors in America" , Best Doctors Inc
2013 MCW Outstanding Medical Student Teaching Pin Award, Medical College of WI

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

1991 - Present Medical College of Peru
1993 - Present Fellow American Academy of Pediatrics
2001 - Present Society of Critical Care Medicine

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review
2011 American Journal of Infection Control
2011 Clinical Audit
2012 Abstracts to the 42nd SCCM congress
2012 Journal of Critical Care
2015 Journal of the Academy of Nutrition and Dietetics

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

01/2007 - 07/2008 Invited Member EDAP and Trauma Advisory Committee, Emergency Medical Services for Children, Region 1 (IL)

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

01/2005 - Present Invited Member, Task Force, for PICU Admission and Discharge Criteria, Society of Critical Care Medicine
2008 - 2010 Questions Contributor, Pediatric Critical Care Board Certification Exam, Peds Critical Care
07/2011 - Present Alternate representative, Joint Commission's Hospital Professional and Technical Advisory Committee (PTAC)., American Academy of Pediatrics
12/2015 Invited Member, Committee for Nutritional Considerations in Pediatric Pancreatic Diseases, Joint NASPGHAN-ESPGHAN Initiative

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:

A Phase I, Open-Label, Multi-Center
Study to Determine the
Pharmacokinetics and Safety of

Source: Solithromycin as Add-on Therapy in
Adolescents and Children with
Suspected or Confirmed Bacterial
Infections
Role: Cempra Pharmaceuticals, Inc.
Co-investigator
PI: Nathan Thompson
Dates: 2015 - Present

Non-Peer Review

Title: Management and outcome of catheter
associated blood stream infections
Role: Co - investigator
PI: Muhannad Hammamieh
Dates: 2012 - Present

Title: Use of tracheostomy among children
requiring mechanical ventilation
Role: Principal investigator
PI: Martin Wakeham
Dates: 2012 - Present

Title: Assessment of Adult Quality of Care
Measures for Use in PICU Patients over
18 Years of Age as Outlined
Role: Co - investigator
PI: Jeremy Affolter
Dates: 2012 - Present

Title: Clinical Course of children requiring
renal replacement therapy in pediatric
intensive care units in the United States,
an epidemiologic study
Role: Co-investigator
PI: Nathan Thompson, MD
Dates: 2013 - Present

Title: Outcomes of non-neonates pediatric
ECMO patients
Role: Principal Investigator
PI: Martin Wakeham, MD
Dates: 2013 - Present

Title: Acute pancreatitis in the Pediatric
Intensive care Unit
Role: Co-Investigator
PI: Steve Werlin, MD
Dates: 2013 - Present

Prior

Peer Review

Title: Therapeutic hypothermia after pediatric
cardiac arrest
Source: NIH
Role: Site Co - investigator
PI: Mike Meyer, MD

Dates: 2010 - 2014
Direct Funds: \$30,358 (Additional funds on a per subject basis)

Title: Vascular effects of infection in pediatric stroke
Source: NIH
Role: Site Co - Investigator
PI: Catherine Amlie-Lefond
Dates: 2010 - 2011

Non-Peer Review

Title: Sodium and Potassium concentration in stool of children with acute watery diarrhea.
Role: Principal Investigator
PI: Martin Wakeham
Dates: 1990

Title: Peak expiratory flow as an indicator of airway obstruction in asthmatic children
Role: Principal Investigator
PI: Martin Wakeham
Dates: 1997

Title: Microalbuminuria levels in critically ill children
Source: Advocate Chist Medical center - Medical staff funds
Role: Principal Investigator
PI: Martin Wakeham
Dates: 2001 - 2004
Direct Funds: \$2,000

Title: Intra-hospital transport of critically ill children and the use of a checklist
Role: Principal Investigator
PI: Martin Wakeham
Dates: 2008

Title: Establishing Nutritional goals in the PICU
Role: Principal Investigator
PI: Martin Wakeham
Dates: 2009 - 2012

Title: Pediatric critical care community knowledge and practice of nationwide proposed quality improvement and patient safety initiatives
Role: Principal Investigator
PI: Martin Wakeham
Dates: 2009

Title: Early enteral nutrition
Role: Co - investigator
PI: Theresa Mikhailov

Dates:	2009 - 2014
Title:	Pediatric intensive care nutrition collaborative (PICNIC) study
Role:	Co - investigator
PI:	Jennifer McArthur
Dates:	2009 - 2014
Title:	Subjective Global Nutritional Assessment in Critically Ill Children
Role:	Co - investigator
PI:	Sarah Vermilyea
Dates:	2010 - 2011
Title:	Ventilator Setting Concordance with Computerized Physician Orders in a Pediatric ICU
Role:	Co - investigator
PI:	Paul Baur
Dates:	2010 - 2011
Title:	Unplanned readmissions to a pediatric intensive care unit
Role:	Principal Investigator
PI:	Martin Wakeham
Dates:	2011 - 2013
Title:	Impact of obesity on ventilator free days on critically ill children
Role:	Co - investigator
PI:	Vi Goh
Dates:	2011 - 2012
Title:	Inaccuracy of catheter related blood stream infection coding.
Role:	Co - Investigator
PI:	Mohamed Jouhari
Dates:	2011 - 2012

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Regional

Martin Wakeham, Initial Evaluation and Management of Acutely Injured Child, Trauma Annual Symposium/Northern Illinois Critical Care Nurses Association, Rockford, IL, 04/2006 - Present

Martin Wakeham, HFOV in the PICU: Choosing the "right settings", Maureen T. Rich Memorial Pediatric Respiratory Conference, Children's Hospital of Wisconsin, Milwaukee, WI, 03/2010 - Present

Martin Wakeham, Catherine Amlie-Lefond, Time is Brain: Pediatric Stroke, Al's Run Critical Care Conference, Children's Hospital of Wisconsin, Milwaukee, WI, 10/2010 - Present

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

Wakeham, M, Wadowski S, Solomon G, Rao M., Peak expiratory flow is a poor indicator of airway obstruction in asthmatic children. (POSTER), Presented at the 1998 Eastern Pediatric Society Meeting, 1998

Wakeham M, Torero L, Akter J, Javois A, Severe pulmonary hemorrhage in an infant due to aorto-pulmonary collaterals without concomitant congenital heart disease., Annual CHEST meeting, San Diego, CA,

- 11/2002
- Wakeham M, Rajzer K, Angst D, Torero L, Jaimovich D, Microalbuminuria levels are correlated with PELOD scores in critically ill children, 15th Annual Pediatric Critical Care Colloquium Pediatric Critical Care Medicine, New York, NY, 09/2004
- Wakeham M, Rajzer K, Angst D, Torero L, Jaimovich D, Microalbuminuria levels are correlated with PELOD scores in critically ill children., AAP National Conference and Exhibition, Section of Critical Care, San Francisco, CA, 10/2004
- Wakeham, M, Rajzer K, Soetenga D, Scanlon M, Intra-hospital transport of critically ill children: should we use a checklist? (POSTER), Presented at the Section of Critical Care, AAP annual meeting, Washington, DC, 10/2009
- Wakeham, M, M Christensen, M Scanlon MD, Pediatric critical care community survey of knowledge and practice of nationwide proposed quality improvement and patient safety initiatives. (POSTER), SCCM annual meeting, Miami, FL, 01/2010
- Vermilyea S, Slicker J, ElChammas K, Sultan M, Dasgupta M, Hoffmann RG, Wakeham MK, Goday P, Subjective Global nutritional assessment in critically ill children, Clinical Nutrition Week, Vancouver, Canada, 01/2011
- Goh V*, WAKEHAM M, Mikhailov TA, Goday PS, Obesity does not influence mortality and morbidity in critically ill children. (POSTER), NASPGHAN annual meeting, Orlando, FL, 10/2011
- Vermilyea S, Rothpletz-Puglia P, Parrot JS, Slicker J, El-Chammas K, Sultan M, Wakeham MK, Touger-Decker R, Goday PS., The relationship between mid-upper arm circumference to occipitofrontal circumference ratio and standard anthropometric measurements in pediatrics., Clinical Nutrition Week, Orlando, FL, 01/2012
- Goday PS, Christensen MA, Manzi J, Connolly S, Kuhn EM, Wakeham MA, Mikhailov TA., Early enteral nutrition is associated with significantly lower mortality in critically ill children., Clinical Nutrition Week, Orlando, FL, 01/2012
- Wakeham M, Christensen MA, Manzi J, Connolly S, Kuhn EM, Scanlon MC, Goday PS, Mikhailov TA, Identifying a caloric requirement in critically ill children within 48 hours of admission is associated with early enteral nutrition., Clinical Nutrition Week, Orlando, FL, 01/2012
- Bauer P*, O'Brien K, Murkowski K, WAKEHAM M, Scanlon M., Ventilator setting discordance with computerized physician orders in a pediatric ICU: a human factors perspective. (POSTER), SCCM annual meeting, Houston, TX, 02/2012
- Khandhar P*, Abu Sultaneh S*, Atwood M*, Capriolo G*, Jouhari M*, WAKEHAM M., Evaluating A Systems Process To Improve The Rate Of Patient Problem Lists In The PICU. (POSTER), American Thoracic Society annual meeting, San Francisco, CA, 05/2012
- Panchal A*, Manzi J, Connolly S, Christensen M, WAKEHAM M, Goday P, Mikhailov T., Safety of enteral feedings in critically ill children on vasoactive agents. (POSTER), Pediatric Academic Societies meeting, Washington, DC, 05/2012
- WAKEHAM M, Lee KJ, McCrory M, Scanlon M., Use of tracheostomy among children requiring mechanical ventilation. (POSTER), SCCM annual meeting, San Juan, PR, 01/2013
- Panchal A*, Manzi J, Connolly S, Christensen M, WAKEHAM M, Goday P, Mikhailov T., Safety of Enteral Feedings in Critically Ill Children on Vasoactive Agents. (POSTER), SCCM annual meeting, San Juan, PR, 01/2013
- Mikhailov T, Kuhn E, Manzi J, Goday P, WAKEHAM M, Scanlon M, Early Enteral Nutrition is Associated with Lower Hospital Charges in Critically Ill Children. (POSTER), Pediatric Academic Society (PAS) 2013 annual meeting, 2013
- Goday PS, WAKEHAM M, Kuhn EM, Collins MM, Werlin SL., Acute Pancreatitis in the Pediatric Intensive Care Unit. (POSTER), 2014 NASPGHAN Annual Meeting, 10/2014
- Affolter J, WAKEHAM M, Scanlon M., Quality of care in adults admitted to a pediatric intensive care unit as measured by TJC and AHRQ standards. (POSTER), Pediatric Academic Society (PAS) 2014 annual meeting, 2014
- WAKEHAM M, Thompson N, Scanlon M., WAKEHAM M, Thompson N, Scanlon M. (POSTER), Pediatric Academic Society (PAS) 2014 annual meeting, 2014
- Thompson N, WAKEHAM M, Pan C, Scanlon M., Outcome of Children Requiring Initiation of Continuous Renal Replacement Therapy in Pediatric Intensive Care Units (POSTER), Pediatric Academic Society (PAS) 2014 annual meeting, 2014
- Hammamieh M*, WAKEHAM M., Management of Catheter Associated Blood Stream Infection in the Pediatric Intensive Care Unit. (POSTER), Pediatric Academic Society (PAS) 2014 annual meeting,

2014

WAKEHAM M, Kuhn E, Scanlon M., Short Term Functional Outcomes After Ecmo in Non-Neonatal Pediatric Patients. (POSTER), Pediatric Academic Society (PAS) 2015 annual meeting, 2015

Bhosrekar K*, WAKEHAM M., A Case of Propylene Glycol Toxicity. (POSTER), 2015 Pediatric Critical Care Colloquium., 2015

COMMITTEE SERVICE:

Medical College of Wisconsin

2011 - 2012 Member, Intern selection Committee, Pediatrics, Medical College of Wisconsin

05/2013 Member, Education (Fellowship) Committee, Critical Care, Pediatrics, Medical College of WI

05/2013 - Present Member, Value Advisory Committee, Critical Care, Pediatrics, Medical College of WI

01/2015 - Present Member, MOC Steering Committee, Critical Care, Pediatrics, Medical College of WI

Hospital

02/2009 - 12/2010 Selected Faculty Member, CSG Quality Committee, Children's Specialty group

2009 - 2011 Team Member, Pediatric Stroke Program, Children's Hospital of Wisconsin

07/2011 - 2013 CSG representative (selected), Inpatient executive committee, CHW

2011 - 2012 CSG representative (selected), S.R.E steering committee, CHW

2011 - 2012 vice Chair (selected), CSG Quality Committee, Children's Specialty group

06/2013 - 2014 Selected Faculty Member, Serious Safety Event Rate (SSER) Team, CHW

09/2014 - Present Chairman, PICU Interdisciplinary Quality Improvement Committee, Critical Care, Pediatrics, CHW

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

01/2009 Facilitator Patient Center Care Intersession (M3)

03/2009 Correct/Advise M3 H&P (Blue Team rotation)

01/2011 Facilitator Professionalism Intersession (M3)

04/2011 - Present Lecture on respiratory failure (Adult and Pediatric applied respiratory physiology M4 course)

04/2012 Lecture on respiratory failure (Adult and Pediatric applied respiratory physiology M4 course)

09/2012 - Present Member of the Quality Improvement and Patient Safety (QUIPS) Pathway Council

Resident and Fellow Education

09/2009 Abdominal Compartment Syndrome, Critical Care Professor Rounds

11/2009 Isotonic Solution in the PICU, Critical Care Journal Club

12/2009 Essentials of QI, Critical Care Professor Rounds

02/2010 - Present Pediatric Critical Care Fellowship Curriculum Development/Revision: QI curriculum component / Designer Lecturer" Essentials of QI, Monitoring Fellows' progress through web based course, Mentoring fellows' yearly projects/Morning Report: Co-designer / Fellows Orientation:

Didactic and Simulation Programs - Co-designer, Simulation sessions facilitator, Lecturer: Essentials

of Mechanical Ventilation, Pediatric Critical Care Professor Rounds: Co-Designer, Lecturer:

Abdominal Compartment Syndrome, Diagnosis of Brain Death, and Respiratory Physiology, Conductor

of monthly bedside rounds (started on 2012), Morbidity and Mortality Conference - Designer of new

format, Mentoring fellows' monthly presentation, Board review sessions: Designer and conductor of

monthly Pediatric Critical Care Board questions review sessions (started 2011)

04/2010 Mechanical Ventilation 101, Pulmonology Lecture Series

07/2010 Mechanical Ventilation, Critical Care Fellows Orientation Series

09/2010 Diagnosing Brain Death, Critical Care Professor Rounds

08/2012 Mechanical ventilation 101 / Surgery Educational Lecture Series

04/2013 Mechanical Ventilation 101 Pulmonology Lecture Series

10/2015 Mechanical ventilation 101/ Surgery Educational Lecture Series

Continuing Medical Education

07/2009 Mechanical Ventilation, Critical Care Lecture Series

07/2009 High Frequency Oscillatory Ventilation, Critical Care Lecture Series
07/2010 Nutritional support in the PICU, Critical Care Lecture Series
01/2011 Stroke in Children, Critical Care Lecture Series
05/2011 Status Asthmaticus, Critical Care Lecture Series
11/2012 High Frequency Oscillatory Ventilation Critical Care Lecture Series
08/2013 Status Asthmaticus, Critical Care Lecture Series
02/2014 Stroke in Children, Critical Care Lecture Series
12/2015 Stroke in Children, Critical Care Lecture Series

EXTRAMURAL TEACHING:

Graduate Student Education

04/2010 Marquette University, Pediatric Septic Shock, Acute Care Pediatric Nurse Practitioner Lecture Series
04/2012 Marquette University, Pediatric Septic Shock Acute Care Pediatric Nurse Practitioner Lecture Series

ABSTRACTS ACCEPTED FOR PRESENTATION NOT PUBLISHED IN JOURNAL:

1998 Wakeham M, Wadowski S, Solomon G, Rao M. Peak expiratory flow is a poor indicator of airway obstruction in asthmatic children. Abstract accepted for presentation at the 1998 Eastern Pediatric Society Meeting National
10/2009 Wakeham M, Rajzer K, Soetenga D, Scanlon M. Intra-hospital transport of critically ill children: should we use a checklist?. Presented as a poster at the Section of Critical Care, AAP annual meeting, Washington DC, October 2009
01/2010 M Wakeham, MD, M Christensen, M Scanlon MD. Pediatric critical care community survey of knowledge and practice of nationwide proposed quality improvement and patient safety initiatives. Presented as a poster at the SCCM annual meeting, Miami, FL January 2010
2011 Wakeham MK, Mikhailov TA, Goday PS. Obesity does not influence mortality and morbidity in critically ill children. Presented as a poster at the NASPGHAN annual meeting 2011.
05/2012 Khandhar P, Abu Sultaneh S, Atwood M, Capriolo G, Jouhari M, Wakeham M. Evaluating A Systems Process To Improve The Rate Of Patient Problem Lists In The PICU. Presented as a Poster at American Thoracic Society annual meeting, San Francisco, CA, May 2012.
05/2012 Panchal A, Manzi J, Connolly S, Christensen M, Wakeham M, Goday P, Mikhailov T. Safety of enteral feedings in critically ill children on vasoactive agents. Presented as a Poster at Pediatric Academic Societies meeting, Washington DC, May 2012

THERAPEUTIC HYPOTHERMIA AFTER PEDIATRIC CARDIAC ARREST TRIAL GROUP (CONTRIBUTOR):

05/2015 Moler FW, Silverstein FS, Holubkov R, Slomine BS, Christensen JR, Nadkarni VM, Meert KL, Clark AE, Browning B, Pemberton VL, Page K, Shankaran S, Hutchison JS, Newth CJ, Bennett KS, Berger JT, Topjian A, Pineda JA, Koch JD, Schleien CL, Dalton HJ, Ofori-Amanfo G, Goodman DM, Fink EL, McQuillen P, Zimmerman JJ, Thomas NJ, van der Jagt EW, Porter MB, Meyer MT, Harrison R, Pham N, Schwarz AJ, Nowak JE, Alten J, Wheeler DS, Bhalala US, Lidsky K, Lloyd E, Mathur M, Shah S, Wu T, Theodorou AA, Sanders RC Jr, Dean JM, THAPCA Trial Investigators. Therapeutic hypothermia after out-of-hospital cardiac arrest in children. *N Engl J Med.* 2015 May 14;372(20):1898-908. PMID: PMC4470472
09/27/2016 Meert KL, Telford R, Holubkov R, Slomine BS, Christensen JR, Dean MJ, Moler FW, for the THAPCA Trial Investigators. Pediatric Out-of-Hospital Cardiac Arrest Characteristics and Their Association With Survival and Neurobehavioral Outcome. *Pediatr Crit Care Med.* Epub ahead of print, 9/27/2016
2016 Silverstein FS, Slomine BS, Christensen J, Holubkov R, Page K, Dean MJ, Moler FW, for the Therapeutic Hypothermia to Improve Survival After Cardiac Arrest Trial Group. Functional Outcome Trajectories After Out-of-Hospital Pediatric Cardiac Arrest. *Crit Care Med.* 2016;44(12):e1165-e1174
2016 Meert KL, Telford R, Holubkov R, Slomine BS, Christensen JR, Dean MJ, Moler FW, for the THAPCA Trial Investigators. Exploring the Safety and Efficacy of Targeted Temperature Management Amongst Infants with Out-of-Hospital Cardiac Arrest Due to Apparent Life Threatening Events. *Resuscitation.*

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Moallem HJ, Garraty G, Wakeham M, et al. Ceftriaxone-related fatal hemolysis in an adolescent with perinatally acquired human immunodeficiency virus infection. *J of Pediatrics*, 133:279-281. 1998
2. Critical appraisal of: Effect of 24-hour mandatory versus on-demand critical care specialist presence on quality of care and family and provider satisfaction in the intensive care unit of a teaching hospital. Gajic O, Afessa B, Hanson AC, et al. *Crit Care Med*. 2008 36:26-44 Khandhar P, Wakeham. January 10, 2011. Available at <http://pedscm.org/view.php?id=522>
3. Wakeham MK, Van Bergen AH, Torero LE, Akhter J. Long-term treatment of plastic bronchitis with aerosolized tissue plasminogen activator in a Fontan patient. *Pediatr Crit Care Med*. 2005 Jan;6(1):76-8.
4. Goh VL, Wakeham MK, Brazauskas R, Mikhailov TA, Goday PS. Obesity is not associated with increased mortality and morbidity in critically ill children. *JPEN J Parenter Enteral Nutr*. 2013 Jan;37(1):102-8.
5. Wakeham M, Christensen M, Manzi J, Kugn E, Scanlon S, Goday P, Mikhailov T Impact of registered dietitians: Early medical record documentation of an estimated caloric requirement in critically ill children is associated with higher daily caloric intake and with use of the enteral route. This article was featured in the July 2, 2013 edition of *Critical Care SmartBrief* and on the cover of the printed version of the publishing journal.
6. Claveria J, Meyer M, Wakeham M, Sato T. Pulmonary Embolism in Two Pediatric Patients after Severe Hepatic Trauma. Provisionally accepted for publication (pending revisions) in the *Journal of Pediatric Intensive Care*
7. Mikhailov TA, Kuhn EM, Manzi J, Christensen MA, Collins MM, Brown AM, Dechert R, Scanlon M, Wakeham MK, Goday PS. Early enteral nutrition is associated with lower mortality in critically ill children. Submitted on February 1, 2013 for publication consideration in the *New England Journal of Medicine*.
8. Vermilyea S, Slicker J, El-Chammas K, Sultan M, Dasgupta M, Hoffmann RG, Wakeham M, Goday PS. Subjective global nutritional assessment in critically ill children. *JPEN J Parenter Enteral Nutr*. 2013 Sep;37(5):659-66.
9. Wakeham M, Christensen M, Manzi J, Kuhn EM, Scanlon M, Goday PS, Mikhailov TA. Registered dietitians making a difference: early medical record documentation of estimated energy requirement in critically ill children is associated with higher daily energy intake and with use of the enteral route. *J Acad Nutr Diet*. 2013 Oct;113(10):1311-6.
10. Mikhailov TA, Kuhn EM, Manzi J, Christensen M, Collins M, Brown AM, Dechert R, Scanlon MC, Wakeham MK, Goday PS. Early enteral nutrition is associated with lower mortality in critically ill children. *JPEN J Parenter Enteral Nutr*. 2014 May;38(4):459-66.
11. Wakeham MK, Kuhn EM, Lee KJ, McCrory MC, Scanlon MC. Use of tracheostomy in the PICU among patients requiring prolonged mechanical ventilation. *Intensive Care Med*. 2014 Jun;40(6):863-70.
12. Panchal AK, Manzi J, Connolly S, Christensen M, Wakeham M, Goday PS, Mikhailov TA. Safety of Enteral Feedings in Critically Ill Children Receiving Vasoactive Agents. *JPEN J Parenter Enteral Nutr*. 2016 Feb;40(2):236-41.
13. Goday PS, Wakeham M, Kuhn EM, Collins MM, Werlin SL. Acute Pancreatitis in the Pediatric Intensive Care Unit. *J Pediatr Gastroenterol Nutr*. 2015 Jul;61(1):108-12.
14. Arca MJ, Uhing M, Wakeham M. Current concepts in acute respiratory support for neonates and children. *Semin Pediatr Surg*. 2015 Feb;24(1):2-7.
15. McCrory MC, Lee KJ, Scanlon MC, Wakeham MK. Predictors of need for mechanical ventilation at discharge after tracheostomy in the PICU. *Pediatr Pulmonol*. 2016 Jan;51(1):53-9.
16. WAKEHAM MK. Use of a clinical practice guidelines checklist to reduce intravenous catheter-related infections. *Nutr Clin Pract*. 2011; 26(3):346-8
17. Critical appraisal of: Nighttime intensivist staffing and mortality among critically ill patients. Wallace DJ, Angus DC, Barnato AE, Kramer AA, Kahn JM. *N Engl J Med* 2012 366:2093-101. Khandhar P*, WAKEHAM M. June 24, 2013. Available at <http://pedscm.org/view.php?id=801>
18. Moallem HJ, Garraty G, Wakeham M, Dial S, Oligario A, Gondi A, Rao SP, Fikrig S. Ceftriaxone-related fatal hemolysis in an adolescent with perinatally acquired human immunodeficiency virus infection. *J Pediatr*. 1998 Aug;133(2):279-81.

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