

Name: Kirsten A. Bechtel, M.D.

Proposed for Reappointment to: Associate Professor of Pediatrics (Emergency Medicine) in the Clinician Educator Track

Term: July 1, 2006-June 30, 2011

School Assignment: Yale University School of Medicine

Born: January 23, 1964, Morristown, NJ

Education: 1982-1986 A.B. Brown University, Providence, Rhode Island

1987-1991 M.D. University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School, New Brunswick, New Jersey

Career:

June 1991- June 1994 Resident, Pediatrics
St. Christopher 's Hospital for Children,
Philadelphia, Pennsylvania

June 1994-June 1996 Fellow, Pediatric Emergency Medicine,
Children's Hospital of Pittsburgh,
Pittsburgh, Pennsylvania

August 1996-December 1998 Assistant Professor of Emergency Medicine,
Allegheny University of the Health Sciences,
Philadelphia, Pennsylvania

August 1996-December 1998 Attending Physician, Pediatric Emergency Department,
St. Christopher's Hospital for Children,
Philadelphia, Pennsylvania

January-June 1999 Assistant Professor of Clinical Pediatrics,
University of Medicine and Dentistry of New Jersey,
School of Osteopathic Medicine,
Stratford, New Jersey

January -June 1999 Attending Physician, Center for Children's Support,
University of Medicine and Dentistry of New Jersey,
School of Osteopathic Medicine,
Stratford, New Jersey

July 1999-2006 Assistant Professor of Pediatrics,
Department of Pediatrics,
Yale University School of Medicine
New Haven, Connecticut

July 1999-Present Attending Physician, Pediatric Emergency Department,
Yale-New Haven Children's Hospital,
New Haven, Connecticut

Kirsten A. Bechtel, M.D.

July 2006-Present Associate Professor of Pediatrics
Department of Pediatrics
Yale University School of Medicine
New Haven, Connecticut

Board Certification:

2002 Pediatrics: American Board of Pediatrics (recertification)
2002 Pediatric Emergency Medicine: American Board of Pediatrics (recertification)

Professional Honors or Recognition:

Helper Society
Honorary Society of Professionals who evaluate children for abuse
May 2000

Secretary of the State of Connecticut
Public Service Award
May 2003

Child Advocacy Award
Children In Placement
New Haven CT
February 2004

Invitation by the Surgeon General
Multidisciplinary Workshop
Child Maltreatment Prevention
Bethesda MD
March 30-31, 2005

Grant History for last 12 years:

March 2007

Connecticut Children's Trust Fund
Hartford, CT

Development of a Child Abuse Prevention Program: Abusive Head Trauma and Infant
Crying
\$25,000 over 3 years

Lectures, Courses:

Regional:

*St. Christopher's Hospital for Children
Department of Pediatrics
Philadelphia, PA*

Pediatric Sexual Abuse: Making the Diagnosis
47th Pediatric Updates for the Practitioner
June 10, 1998

Multidisciplinary Panel: Response to Child Sexual Abuse
March 18, 1999

Abusive Head Trauma
48th Pediatric Updates for the Practitioner
June 7, 1999

Kirsten A. Bechtel, M.D.

*State of New Jersey
Burlington County Division of Youth and Family Services
Mt. Holly, NJ*

Common Manifestations of Physical Abuse of Children
February 18, 1999

*Thomas Jefferson University School of Medicine
Department of Pediatrics
Philadelphia, PA*

Pediatric Sexual Abuse: Making the Diagnosis
March 11, 1999

*Burlington County Memorial Hospital
Department of Emergency Medicine
Mount Holly, NJ*

Common Manifestations of Physical Abuse of Children
April 23, 1999

*New England Regional Trauma Conference
Burlington, MA*

Inflicted Head Injury in Children
November 15, 2002

*Eastern Society for Pediatric Research
Annual Meeting
Greenwich, CT*

Characteristics that distinguish accidental from abusive head
injury in young hospitalized children
March 22, 2003

*Eastern Society for Pediatric Research
Annual Meeting
Greenwich, CT*

Sexual Assault and Pediatric Emergency Medicine Fellowships:
Are we prepared?
March 5, 2005 (platform presentation)

*Society for Pediatric Research/Ambulatory Pediatric Association
Annual Meeting
Washington DC*

Sexual Assault and Pediatric Emergency Medicine Fellowships:
Are we prepared?
May 14, 2005 (poster presentation)

*University of New Hampshire
Durham, NH*

*International Family Violence and Child Victimization Research Conference
Impact of A Sexual Assault Nurse Examiner Team on the
Emergency Department Evaluation of Pediatric Sexual Assault
July 9, 2006*

*Eastern Society for Pediatric Research
Annual Meeting
Philadelphia, PA*

Caregiver Knowledge of Shaken Baby Syndrome in an Urban
Primary Care Center
March 10, 2007 (Platform presentation)

*Eastern Society for Pediatric Research
Annual Meeting
Philadelphia, PA*

Impact of a SANE Program on the Evaluation of Sexual Assault
in a Pediatric Emergency Department
March 11, 2007 (Platform presentation)

Relationship of S100B and Intracranial Injury in Children with
Accidental Closed Head Trauma
March 11, 2007 (Platform presentation)

*Society for Pediatric Research/Pediatric Academic Society
Annual Meeting
Toronto, ON*

Impact of a SANE Program on the Evaluation of Sexual Assault
in a Pediatric Emergency Department
May 5, 2007 (Poster presentation)

Caregiver Knowledge of Shaken Baby Syndrome in an Urban
Primary Care Center
May 5, 2007 (Poster presentation)

Relationship of S100B and Intracranial Injury in Children with
Accidental Closed Head Trauma
May 5, 2007 (Platform presentation)

Local

*Children in Placement
Guardian-ad-litem training course
New Britain, CT*

The Spectrum of Child Abuse
November 4, 1999

*Children in Placement
Guardian-ad-litem training course
New Haven, CT*

The Spectrum of Child Abuse
March 16, 2000
October 26, 2000
January 16, 2003
June 19, 2003
December 11, 2003
April 15, 2004
October 12, 2004
September 9, 2005
November 16, 2006

April 25, 2007
June 25, 2008
December 8, 2008
February 11, 2009

Children in Placement
Guardian-ad-litem training course
Norwalk, CT

The Spectrum of Child Abuse
June 21, 2000

State of Connecticut
Emergency Medical Services Conference
Cromwell, CT

What's the matter here? The Spectrum of Child Physical Abuse
March 24 & 25, 2000

Milford Rape Crisis Center
Milford, CT

Child Sexual Abuse
June 5, 2000

Clifford Beers Child Guidance Center
New Haven, CT

Child Sexual Abuse
October 25, 2000

State of Connecticut
Department of Children and Families
Regional nurse education program
Hartford, CT

Physical Diagnosis: Genitourinary tract examination in young
children
December 12, 2000

Abusive Head Trauma
April 10, 2001

Bruises in children
July 10, 2001

Responding to Child Deaths:
Investigation, Classification, Review
December 14, 2004

New Haven Police Department
New Haven CT

Child Sexual Abuse
January 24, 2001

Connecticut Physician Assistant Association
Annual Meeting

Kirsten A. Bechtel, M.D.

East Lyme, CT

The Spectrum of Child Physical Abuse
April 25, 2001

State of Connecticut

Intensive Training Course for Probate Court Judges

Madison CT

The Spectrum of Child Abuse
March 5, 2004
May 1, 2006

American Academy of Pediatrics

Connecticut Chapter

Conference on School Health

Farmington, CT

Ouch that hurts! Evaluating Orthopedic
Injuries in Children
May 5, 2004

State of Connecticut

Department of Public Health

Conference on Infant Mortality

Meriden, CT

Abusive Head Trauma
May 18, 2004

Quinnipiac University

School of Law

Hamden, CT

The Spectrum of Physical Abuse of Children
May 27, 2004
February 17, 2005
February 14, 2006
February 13, 2007
February 19, 2008

Yale University School of Medicine

Department of Pediatrics

Grand Rounds

Child Fatality Review: Lessons Learned from a Child's Death
November 30, 2005

Yale New Haven Hospital

Section of Infectious Diseases

STD Surveillance Program

Sexually Transmitted Infections in Children: When to worry
January 25, 2006
April 11, 2007
May 7, 2008

Yale New Haven Hospital

Department of Obstetrics and Gynecology

Residency Program

Evaluation and Management of Sexual Assault
January 26, 2006
June 15, 2006
January 17, 2008

St. Mary's Hospital

Waterbury CT
Department of Pediatrics
Grand Rounds

Head Trauma in Young Children: Abuse or Accident?
March 14, 2006

Hospital of St. Raphael

New Haven, CT
Department of Pediatrics
Grand Rounds

Child Fatality Review: Lessons Learned from a Child's Death
March 17, 2006

Bridgeport Hospital

Bridgeport CT
Department of Pediatrics
Grand Rounds

Child Fatality Review: Lessons Learned from a Child's Death
May 3, 2006

Danbury Hospital

Danbury CT
8th Annual Child Abuse Prevention Conference

Child Fatality Review: Lessons Learned from a Child's Death
May 5, 2006

Connecticut Judges Institute

Connecticut Judicial Branch
Quinnipiac University
School of Law
Hamden CT

What's the matter here? The Spectrum of Child Physical Abuse
June 28, 2007

State of Connecticut

Emergency Medical Services for Children Conference
Physical Abuse of Children
November 10, 2007

Yale University School of Medicine

Department of Pediatrics
Grand Rounds

On the Road Again: An Update on Automotive Safety
February 6, 2008

*Quinnipiac University
School of Nursing
Sexual Assault Nurse Examiner Course*

Evaluation of Sexual Assault in the Pediatric Population
March 17, 2008

Professional Service:

- 1996 Associate Editor,
The Emergency Medicine On Line Textbook Boston Medical Publishing
- 1996-1998 Children's Advocacy Center
Philadelphia, Pennsylvania
Medical Consultant for the evaluation of cases of suspected child abuse
- 1997-present American Board of Pediatrics
Prepare questions for subspecialty certification examination in Pediatric
Emergency Medicine
- 1997-1998 Philadelphia Department of Public Health
Interdisciplinary Youth Fatality Review Team
Philadelphia, Pennsylvania
Medical Consultant for the review of child deaths in Philadelphia
- 1999 Burlington County Prosecutor's Office
Burlington County Youth Fatality Review Team
Burlington County Multidisciplinary Child Abuse Review Team
Mt. Holly, New Jersey
Medical consultant for the review of cases of suspected child abuse and of
child deaths within Burlington County
- 1999 Camden County Prosecutor's Office
Camden County Youth Fatality Review Team
Camden County Multidisciplinary Child Abuse Review Team
Camden, New Jersey
Medical consultant for the review of cases of suspected child abuse and of
child deaths within Camden County
- 1999-2001 New Haven Multidisciplinary Investigative Team for Child Abuse
New Haven, Connecticut
Medical Consultant for the evaluation of cases of suspected child abuse
- 1999-present DART Committee
(Child Abuse Evaluation Committee)
Yale New Haven Children's Hospital
Medical Consultant for the evaluation of cases of suspected child abuse or
neglect
- 1999-2006 Pediatric Trauma Committee
Yale New Haven Children's Hospital
Responsible for reviewing Emergency Department care of pediatric
trauma cases on a monthly basis
- 1999-present Department of Children and Families

	State of Connecticut Hartford, Connecticut Medical consultant for cases of child abuse and neglect
2001-present	Office of the Child Advocate Child Fatality Review Panel Hartford, Connecticut Appointed by Governor Rowland in 2001 to serve as pediatrician for the fatality review panel that Medical consultant for the review of cases of children who died in Connecticut on a monthly basis, as well as of those who died while in DCF custody. Prepared material for reports of such children released by the Child Advocate's Office
2003-2008	State of Connecticut Office of Protection and Advocacy for Persons with Disabilities Hartford, Connecticut Fatality Review Panel for Persons with Disabilities Appointed by Governor Rowland in 2003 to be medical consultant for the review of cases of persons with disabilities who have died in Connecticut on a monthly basis
2004-2005	Advisory Board Gale Encyclopedia of Children's Health: Infancy Through Adolescence
2004-present	Medical Director Pediatric SANE (Sexual Assault Nurse Examiner) Program Pediatric Emergency Department Yale New Haven Children's Hospital Supervise 6 Sexual Assault Nurse Examiners who provide medical and forensic care to children and adolescents with acute sexual assault
2007-present	Lecturer Pediatric Sexual Assault Nurse Examiner Course Quinnipiac University Hamden, Connecticut
2008-present	Pediatric Medical Staff Injury Free Coalition for Kids Yale-New Haven Children's Hospital

Bibliography:

Peer Reviewed Original Research:

1. Bowe C, Veale K. Sensitivity to 4-Aminopyridine observed in Mammalian Sciatic Nerves during Acute Pyridoxine induced Sensory Neuropathy and Recovery. *Experimental Neurobiology* 1988; 100(3): 448-458.
2. Bechtel K, King C, Glustein J, Hoffman P. Efficacy of parenteral metoclopramide in reducing the Incidence of emesis in children with gastroenteritis. *Pediatric Emergency Care* 1997; 13(4): 298.
3. Bechtel K, Bhende M, Venkataraman S, Allen J. Use of the esophageal detector device in a newborn piglet model. *Annals of Emergency Medicine* 1998 31(3): 344-350.
4. Mull C. Scarfone RJ. Ferri LR. Carlin T. Salvaggio C. Bechtel K. Hanes-Trephan MA. Rissman RL. Gracely EJ A randomized trial of nebulized epinephrine versus albuterol n the

- emergency department treatment of bronchiolitis. *Arch Pediatr Adolesc Med.* 2004; 158:113-118.
5. Bechtel K. Stoessel K. Leventhal J. Laviertes S. Banyas B. Teague B. Duncan C. Characteristics that distinguish accidental from inflicted head injury in young hospitalized children. *Pediatrics* 2004; 114:165-168.
 6. Bechtel K. Gallagher D. Ryan E. Impact of Sexual Assault Nurse Examiners on the Evaluation of Sexual Assault in a Pediatric Emergency Department. *Pediatric Emergency Care* 2008; 24(7): 442-447.
 7. Lindberg D. Makoroff K. Harper N. Laskey A. Bechtel K. Deye K. Shapiro R. Utility of Hepatic Transaminases to Recognize Abuse in Children. *Pediatrics* 2009 (in press).

Case Reports, Technical Notes, Letters:

1. Bechtel K, Tunnessen W. An unusual cause of seizures and headache. *Contemporary Pediatrics* 1996; 13(11): 155-166.
2. Lipinski C, Bechtel K, Pollack I. Rupture of an arachnoid cyst after minor head injury. *Pediatric Emergency Care* 1997; 13(1): 27-28.
3. Bechtel K. Appendicitis: An unusual cause of pneumonia and impending shock in a toddler. *Pediatric Emergency Care* 1997; 13(5): 342-344.
4. Bechtel K, Rosenberg N: How Aggressive the Therapy: Management of Thoracic Trauma in Children. *Pediatric Emergency Care* 1998; 14(2): 165-169.
5. Rosenberg N, Walker AR, Bechtel K, Alteri MF: Conscious Sedation of Children in the Pediatric Emergency Department. *Pediatric Emergency Care* 1998; 14(6):436-439.
6. Chadwick DL, Kirschner RH, Reece RM, Ricci L, Alexander R, Amaya M, Bays JA, Bechtel K, et. al: Shaken Baby Syndrome-A Forensic Pediatric Response (letter). *Pediatrics* 1998; 101(2): 321-323.
7. Kuhn B. Bechtel K. Baum C. Dispensing error-calcium channel blocker substituted for neuroleptic. *Int J Med Toxicol* 2001; 4(4): 26.
8. Isaacman D. Poirer M. Baxter AL. Bechtel K. Pierce MC. Abuse or Not Abuse? *Pediatric Emergency Care* 2002; 18(3): 203-208.
9. Bechtel K. Illustrative Case: Acute Mental Status Change due to Atypical Migraine. *Pediatric Emergency Care* 2004; 20(4): 238-241.
10. Bechtel K. Stoessel K. Leventhal JM. Duncan C. Retinal Hemorrhages in Accidental and Non-Accidental Head Injury. *Pediatrics* 2005; 115 (1): 192
11. Bechtel K. Moss RL. Leventhal JM. Spiro D. Abo A. Duodenal Hematoma in a 4-year old girl. *Pediatric Emergency Care* 2006; 22(9):653-654.
12. Bechtel K. Santucci K. Walsh S. Labial Hematoma in an Adolescent Female. *Pediatric Emergency Care* 2007; 23(6): 407-408.
13. Bechtel K. Soltis M. Traumatic Bone Cyst of the Mandible in a 10-year old boy. *Pediatric Emergency Care* 2009 (in press).

Editorials, Reviews, Chapters, Books,

1. Bechtel K: Headache-Pediatrics. In *The Emergency Medicine On Line Textbook*; Boston Medical Publishing, 1998.
2. Bechtel K: Pediatric Gynecology. In *Pearls of Wisdom: Pediatric Emergency Medicine Board Review*; Gossman WG, Emblad P, Plantz P, et. al (editors); McGraw Hill Medical Publishing, 1998.
3. Bechtel K. Pediatric Neurology. In *Pearls of Wisdom: Pediatric Emergency Medicine Board Review*; Gossman WG, Emblad P, Plantz P, et. al (editors); McGraw Hill Medical Publishing, 1998.
4. Bechtel K, Podrazik M. Evaluation of the adolescent rape victim. *Pediatric Clinics of North America* 1999; 46(4):809-823, xii.

5. Bechtel K. Identifying the Subtle Signs of Pediatric Physical Abuse - Part I: Bruises, Fractures, Burns, and Head Trauma. *Pediatric Emergency Medicine Reports* 2001;6:57-68.
6. Bechtel K. Identifying the Subtle Signs of Pediatric Physical Abuse - Part 2: Injuries to the Thorax, Abdomen, and Oral Cavity. *Pediatric Emergency Medicine Reports* 2001;7:69-76.
7. Bechtel K. Carroll M. Evaluation of the adolescent after sexual assault. *Clinical Pediatric Emergency Medicine* 2003; 4(1):37-46.
8. Bechtel K. ENT Infections in Children. *Pediatric Emergency Medicine Reports* April 1, 2003
9. Bechtel K. Physical Abuse of Children. *Emergency Medicine Specialty Reports* 2003; 539Z Suppl:1-8. .
10. Listman D. Bechtel K. Accidental and Abusive Head Trauma in Children. *Current Opinion in Pediatrics* 2003 15(3): 299-303.
11. Leventhal JM. Bechtel K. Abusive Head Trauma. In *Encyclopedia of the Neurological Sciences; Elsevier Science* 2003: 696-701.
12. Bechtel K. Closed head trauma in children. *Trauma Reports* 2004 5(3): 2-12.
13. Bechtel K. Thoracoabdominal Trauma. In *Child Maltreatment: a clinical guide and reference. 3rd edition*. Giardino, AG & Alexander, R (eds). GW Medical Publishing, Inc., St. Louis: 2005: 67-75.
14. Bechtel K. Inflicted Childhood Neurotrauma: From Diagnosis to Prevention. In *Child Abuse: New Research*. Sturt SM(editor). Nova Science Publishers Inc: 2006: 65-77.
15. Bechtel K. Abusive Head Trauma. *Illinois Child Welfare* 2005;(1-2): 70-75.
16. Bechtel K. Berger RP. Inflicted Traumatic Brain Injury: Making the Diagnosis in the Emergency Department. *Clinical Pediatric Emergency Medicine* 2006; 7(3): 138-142.
17. Bechtel, K, Bennett, B. Evaluation of sexual abuse in children and adolescents. In: UpToDate, Rose, BD (Ed), UpToDate, Waltham, MA, 2007.
18. Bechtel K. Evaluation of Closed Head Trauma in Children. *CyberRounds*. Available at www.cyberrounds.com as of June 2008.

Educational materials

1. Bechtel K. Santucci K. Baum C. Care of the child and adolescent after sexual assault. Protocol for medical, forensic and psychosocial assessment of children and adolescents after sexual assault who present to the pediatric emergency department of Yale New Haven Children's Hospital. 2001
2. Bechtel K. Safety Concerns Limit Teen Driving. Yale-New Haven Children's Hospital Healthlink, June 2001. http://www.ynhh.org/healthlink/pediatrics/pediatrics_6_01.html
3. Bechtel K. Scooter, skateboard injuries rise with popularity. Yale-New Haven Children's Hospital Healthlink, May 2002. http://www.ynhh.org/healthlink/pediatrics/pediatrics_5_02.html
4. Bechtel K. Can booster seats save lives? Yale-New Haven Children's Hospital Healthlink, February 2003. http://www.ynhh.org/healthlink/pediatrics/pediatrics_2_03.html
5. Bechtel K. The Spectrum of Child Abuse. Manual devised for training of family court judges in Connecticut in the recognition and evaluation of child abuse. 2004. Revised 2006.