

## **A. IDENTIFYING DATA**

Name	Helen Ruth Nadel, MD, FRCPC
Site of Practice	Lucile Packard Children's Hospital at Stanford

## **B. ACADEMIC HISTORY**

### **Colleges and Universities Attended**

September 1970-May 1973	B.Sc. (Honors), Zoology, University of Manitoba, Winnipeg, Manitoba, Canada (did not complete degree, entered medical school)
September 1973-May 1977	M.D., University of Manitoba, Winnipeg, Manitoba, Canada

### **Residency and Fellowship Training**

June 1977-June 1978	Rotating Internship, Toronto General Hospital, University of Toronto, Toronto, Ontario, Canada
July 1978-June 1982	Residency in Diagnostic Radiology, University of Toronto, Toronto, Ontario, Canada
July 1982-June 1983	Pediatric Radiology Fellowship, Hospital for Sick Children, University of Toronto, Toronto, Ontario, Canada
January-December 1989	Residency in Nuclear Medicine, University of British Columbia, Vancouver, British Columbia, Canada

### **Board Certification**

November 1982	FRCPC, Diagnostic Radiology, Royal College of Physicians and Surgeons of Canada
June 1983	American Board of Radiology
September 1989	FRCPC, Nuclear Medicine, Royal College of Physicians and Surgeons of Canada
October 1989	American Board of Nuclear Medicine
November 2001	Certificate of added qualification in Pediatric Radiology, American Board of Radiology

October 2010                      Recertification, American Board of Nuclear  
Medicine  
November 2011                    Recertification, Certificate of added qualification  
in Pediatric Radiology, American Board of  
Radiology

### **C. Employment**

#### Academic Appointments:

July 11, 1983- June 1986	Clinical Instructor, Department of Radiology, Faculty of Medicine, University of British Columbia, Vancouver, British Columbia
July 1, 1986-June 1990	Clinical Assistant Professor, Department of Radiology, Faculty of Medicine, University of British Columbia, Vancouver, British Columbia
July 1, 1990-June 1998	Assistant Professor, Department of Radiology, Faculty of Medicine, University of British Columbia, Vancouver, British Columbia
July 1, 1998-June 2018	Associate Professor, Department of Radiology, Faculty of Medicine, University of British Columbia, Vancouver, British Columbia
July 1, 2018-present	Clinical Professor of Radiology, Stanford University School of Medicine, Stanford, California

#### Other Appointments:

July 1983-June 2018	Head, Division of Nuclear Medicine, Department of Radiology, British Columbia Children's Hospital, Vancouver, British Columbia
July 2018-present	Director of Pediatric Nuclear Medicine, Lucille Packard Children's Hospital at Stanford, Stanford University School of Medicine, Stanford, California

### **D. Teaching and Clinical Care**

#### Clinical Teaching Responsibilities:

- 1983-2018 daily supervision of radiology residents and fellows
- 1983-2018 consultation with pediatric house staff, pediatric attending and consulting staff
- 1983-2018 visiting core lecturer to UBC radiology residents once per academic year
- 1983-2001 responsible for teaching third year and 4th year medical student radiology seminar twice per 6 weeks
- 1983-2001 radiologist responsible for coordination of medical student and post-graduate student electives
- 1984-2015 radiologist responsible for biweekly clinical case rounds for the Nuclear Medicine Residents
- 1984-2018 sole radiologist responsible for teaching pediatric nuclear medicine to residents in UBC Nuclear Medicine Residency Program
- Sept 2018- teacher, Radiology Resident block lectures
- Sept 2018- teacher, Nuclear Medicine Resident clinical lectures
- Sept 2018- teacher, Pediatric radiology resident lectures
- Sept 2018- teacher, Pediatric radiology fellow lectures

#### Clinical Care Responsibilities:

- 1983-2018 sole radiologist responsible for all the pediatric nuclear in the Department of Radiology at B.C. Children's Hospital
- 1983-2018 one of initially 3 and then up to 12 radiologists responsible for providing ultrasound diagnostic service in the Department of Radiology at B.C. Children's Hospital
- 1983-2018 one of 12 radiologists responsible for general reporting, fluoroscopic procedures in the Department of Radiology at B.C. Children's Hospital
- 2005-2018 sole radiologist responsible for pediatric PET/CT program in British Columbia
- 1991- Responsible Investigator for radiology studies performed for Children's Oncology Group clinical trials

#### Other Teaching Experience:

- 1991-1993 coordinator of UBC Nuclear Medicine Grand Rounds

#### Visiting Professor:

- January 1989 University of Alberta, Calgary, Alberta

March 1993	Department of Radiology, Children's Memorial Hospital, Chicago, Illinois
April 1994	Department of Radiology, Children's Hospital, Boston, M
April 1994	Department of Radiology, National Children's Medical Centre, Washington, DC
October 1994	Royal Children's Hospital, Melbourne, Australia
November 1994	Sloan-Kettering Memorial Hospital, New York, NY
May 1995	Capital Region Nuclear Medicine Club and Ottawa Civic Hospital, Ottawa, Ontario
September 1995	Guy's Hospital, London, England
September 1995	Middlesex Hospital and UCL Medical School, London, England
March 1996	Sheba Medical Centre, Tel Hashomer, Tel Aviv, Israel
April 1996	Dr. von Haunerschen Kinderspital, der Ludwig-Maximilians-Universität, München, Germany
April 1999	University of Alberta, Edmonton, Alberta
November 1999	IPC Murray Visiting Professor, Sydney, Australia
March 2002	Department of Radiology, Hospital for Sick Children, Toronto, Ontario
Nov 2002	Department of Radiology, McGill University, Montreal, Quebec, Canada
February 2003	Albert Einstein University Montefiore Medical Center, New York, NY
February 2005	University Medical and Dental School of New Jersey, Newark, NJ
October 2006	University of Western Ontario and Department of Nuclear Medicine at the London Health Sciences Centre, London, Ontario, Canada
October 2008	Israel Radiological Association ISRA Annual Meeting 2008, Eilat, Israel
April 2009	Visiting Professor and Keynote Speaker 39th Annual Meeting of the Australia and New Zealand Society of Nuclear Medicine, Sydney, Australia, with Satellite Presentations in Perth, Western Australia, and Christchurch, New Zealand
January 2012	Rigshospitalet, Copenhagen, Denmark
April 2012	Albert Einstein College of Medicine, Montefiore Medical Center, Bronx, New York, NY
March 2013	Consultant for review of SIOPEN high risk neuroblastoma for CURIE scoring, Central review of 360 paired studies at St. Anna Children's Hospital, Vienna, Austria
March 2016	Fifth Annual Dr. Massoud Majd Lectureship, Department of Radiology, Children's National Health System, Washington, DC

September 2016	Red Cross Children's Hospital, Cape Town, South Africa
March 2017	Montefiore Medical Center, Bronx, NY
May 2017	University of Western Ontario, London, Ontario, Canada

Students / Trainees / Mentorship:

2001	Chair, Final Doctoral Oral Examination for Siobhan Ozard, Physics and Astronomy, UBC
2005-2018	Consulting Staff, British Columbia Cancer Agency, Vancouver, BC, Canada
June-August 2016	Summer Research Student supervisor for Melissa Kong reviewing pediatric PET/CT
May-August 2017	BC Children's Hospital Research Childhood Diseases Summer Studentship supervisor for Melissa Kong
September 2017- April 2018	UBC Science Undergraduate student research supervisor for Melissa Kong
May 2018- August 2018	UBC Summer Research Student Supervisor for Melissa Kong
December 2018- Present	Mary Ellen Koran, Rad Combinator Professional Development Program – project with PET MR Hospital or Affiliated Institution Appointments

Hospital and Health Care Organization Service Responsibilities:

BC Children's Hospital:

1979-1981	Membership committee, Ontario Medical Association
1983-2015	British Columbia Institute of Technology Advisory Committee
1983-2014	Radiation Control Committee, BC Children's Hospital, Committee Chair 1990-2000
1983-2000	Diagnostic Accreditation Committee for Nuclear Medicine, British Columbia Medical Association (Doctors of BC)
1991-1992	Medical Programs Review Committee, BC Children's Hospital
1991-2001	Quality of Care Committee, BC Children's Hospital
1993-2010	Health Records Committee, BC Children's Hospital, Committee Chair 1997-2001
2011-2017	Medical Staff Association Redevelopment Committee, BC Children's Hospital
2011-2016	BC Children's Hospital Neuroradiology search committee
2012-2017	Doctors of BC credentialing committee for radiology
2017-2018	Research investigator, BC Children's Hospital Research Institute, Childhood Diseases Theme

University of British Columbia:

1991-2018	Resident Selection Committee, Nuclear Medicine Residency Training Program, UBC
1995-1996	Admission Selection Committee, Faculty of Medicine UBC, Clinical Department Representative
1995-2001	Teaching evaluation committee, Department of Radiology UBC
1996-2000	Admission Selection Committee, Faculty of Medicine UBC, Clinical Department Representative, elected by faculty
2003-2006	Appointed one of 4 Student Assessment Coordinators for UBC Undergraduate Program, Faculty of Medicine UBC
2003- 2006	Co-Chair, Student Assessment Committee UBC
2003	Member, Curriculum Committee, Faculty of Medicine UBC
2003	Member (non-voting) Promotions Committee, Faculty of Medicine, UBC
2004	Member, Program Evaluation Committee, Faculty of Medicine, UBC
2010-2018	UBC Radiology Research Group member

Lucile Packard Children's Hospital at Stanford and Stanford Health Care:

2018-	Member, Children's thyroid center at LPCH
2018-	Member, Stanford Department of Radiology Residency committee
2018-	Member, Stanford Clinical Radiation Safety Committee/Radioactive Drug Research Committee
2018-2019	Member, Department of Radiology LPCH Search Committee for Faculty Search for Pediatric Radiologist Faculty Position
2018-	Member, MRI Steering Committee LPCH Radiology
2019-	Member, Clinical Competency Committee LPCH Radiology
2019-	Member, Program Evaluation Committee for Pediatric Radiology Fellows LPCH
2019-2020	Alternate for Radiology to Stanford School of Medicine Faculty Senate
2019-	Member, Division Research Committee LPCH Radiology
2019-	Co-chair, PET/MR Committee LPCH

**E. Public and Professional Service**

Community Service Related to Professional Work

1988-present	Conference organizer and moderator for sessions for Society of Nuclear Medicine and Molecular Imaging mid-winter and annual meetings
1988-present	Multiple Officer Positions held for chapters, councils and centers and committees for Society of Nuclear Medicine and Molecular Imaging
1991-present	Member, Diagnostic Imaging Committee Children's Oncology Group (COG)
2000-2015	Vice Chair, Diagnostic Imaging Committee Children's Oncology Group
2011-2017	Director Member, American Board of Nuclear Medicine
2012-2017	Vice Chair, Educational Exhibits for Society of Nuclear Medicine and Molecular Imaging
2012-present	Served as Consultant, and Expert Teaching Consultant for the International Atomic Energy Agency for various multi-center projects (latest consultancy technical paper for Hybrid SPECT/CT, Feb 2020, Vienna, Austria)
2013-2016	Member, Board of Directors of the Society of Nuclear Medicine and Molecular Imaging
2013-present	Member, Membership Committee Society of Nuclear Medicine and Molecular Imaging
2014-2015	Co-Chair, Membership Task Force, Society of Nuclear Medicine and Molecular Imaging
2013-2016	Member, Board of Directors, General Clinical Nuclear Medicine Council, Society of Nuclear Medicine and Molecular Imaging
2014-2017	Member, Board of Directors, PET Center of Excellence, Society of Nuclear Medicine and Molecular Imaging
2014-present	Co-chair, Pediatric PET task force, PET Center of Excellence, Society of Nuclear Medicine and Molecular Imaging
2013-present	Member, Continuing Education Committee, Society of Nuclear Medicine and Molecular Imaging
2015-present	Member, Oncology Committee Society for Pediatric Radiology
2015-present	Chair, Nuclear Medicine Committee Society for Pediatric Radiology
2015-present	Member, Radiographics Nuclear Medicine and Molecular Imaging Panel for RSNA
2017-present	Member, Nuclear Medicine Committee, RSNA
2017-present	Member of the ACR Pediatric Gastrointestinal Imaging Subcommittee for development of Rapid Response AUC
2017-present	Member of the ACR Pediatric Uroradiology Subcommittee for development of Rapid Response AUC

2018- present	Member of the ACR Committee on Practice Parameters – Pediatric
2020-present	Member, Membership Task Force, Society of Nuclear Medicine and Molecular Imaging
2020-present	Member, Board of Directors- CT section, Intersocietal Accreditation Commission

Professional Societies:

1978-present	Member, Radiological Society of North America
1978-present	Member, Canadian Association of Radiologists
1982-present	Fellow, Royal College of Physicians and Surgeons of Canada
1982-2019	Member, College of Physicians and Surgeons of Ontario
1983-present	Member, College of Physicians and Surgeons of British Columbia
1983-present	Member, Canadian Medical Protective Association
1983-present	Member, Doctors of British Columbia
1983-present	Member, Society for Pediatric Radiology
1983-present	Member, Society of Nuclear Medicine and Molecular Imaging
1987-present	Member, Pacific Coast Pediatric Radiology Association
1990-present	Member, Canadian Association of Nuclear Medicine
1990-present	Member, American Roentgen Ray Society
1995-present	Member, European Association of Nuclear Medicine
1997-present	Member, International Society for Clinical Densitometry
2013-present	Member, American College of Radiology
2013-present	Member, Society for Radiologists in Ultrasound
2015-present	Member, American Society of Nuclear Cardiology
2016-present	Member, American College of Nuclear Medicine
2017-present	Member, International Society for Magnetic Resonance in Medicine

Ad Hoc Reviewer:

Radiology  
 Journal of Nuclear Medicine  
 Journal of Clinical Oncology  
 European Journal of Nuclear Medicine and Molecular Imaging  
 Pediatric Radiology  
 American Journal of Radiology  
 Pediatric Blood and Cancer  
 PLOS One



## Editorial Positions:

1995-1998	Member, Editorial Board, European Journal of Nuclear Medicine and Molecular Imaging
2017-Present	Member, Editorial Board, Journal of Nuclear Medicine

## F. Post-Degree Honors and Awards,

1986	Selected as one of the "Most Significant" 14 articles on chest diseases published during 1985: (Radiographics 5: p. 813, 1985). Also chosen for 1986 Yearbook of Diagnostic Radiology: Nadel, H.R., Stringer, D.A., Levison, H., Turner, J.E.P., Sturgess, J.M. Radiology of the Immobile Cilia Syndrome. Radiology 154:651-655, 1985.
1993-1994	Teaching Excellence Award, University of British Columbia Nuclear Medicine Residency Training Program.
March 1997	Jewish Women of Valour Award, N'Shei Chabad Lubavitch Womens Organization of British Columbia. "The award is given in recognition of work as a representative of the medical community in the tradition of the Jewish woman of valour whose commitment and concern for family and community serves as a shining example for all to emulate
1999-2000	Co-Recipient with the other 7 pediatric radiologists at BCCH of UBC Radiology Residency Award for Excellence in Teaching.
2001	Co-recipient with the other 7 pediatric radiologists at BCCH of Wyeth Excellence in Teaching Award, the most valuable teaching service award, by the Department of Pediatrics, UBC. The award is presented to the teaching service (Radiology), voted by Fourth Year Medical Students as the most valuable educational experience.
2008	Best poster at the 6th European Association of Pediatric Nuclear Medicine, Platja d'Aro, Spain, for: Preliminary Experience Using PET-CT in Pediatric Bone and Soft Tissue Tumors H Nadel, AT Byrne, M Webber, C. Senger, R. Rassekh, K Brown
2014	Mickey (Cardiff) Williams Distinguished Service Award Western Regional Society of Nuclear Medicine and Molecular Imaging. Presented at the 39th Annual Western Regional Meeting Society of Nuclear Medicine and Molecular Imaging, Seattle, Washington.
April 2016	Won First Place for Educational Exhibits Contest, Canadian Association of Radiologists Annual Meeting, Montreal, PQ, for: Pediatric Chest X-ray Findings Guide Wise Choices for Secondary

- Investigation. Naoya Shatani, medical student, Co-authors Drs Bray, Nadel and Potts
- Nov. 2016 RSNA 2016 Educational Exhibit Certificate of Merit, for: Not Just Nodes! Imaging Review of the Pulmonary Manifestations of Pediatric Lymphoma and Lymphoma-like Disorders, Liang, T, Nadel HR, Bray H.
- May 2019 Lifetime Achievement Award by the European Society of Pediatric Nuclear Medicine (EOSPNM) for ongoing contributions to Pediatric Nuclear Medicine through the society meetings over 20 years
- June 2019 Nadel HR, Kong MC, Potts JE, Strahlendorf C. Use of optimized post-contrast enhanced PET/CT to improve diagnostic accuracy, staging, and follow-up of children with cancer. SNMMI 66 th Annual Meeting, Anaheim, CA, June 2019 awarded first place poster-General Clinical Specialties.

## **G. Other Study and Research Opportunities**

### **Past:**

- 1992 Funder: Sterling-Winthrop Imaging Research Institute  
Grant Title: The Value of stimuable phosphor technology in the investigation of scoliosis in children, with an estimation of dose reduction.  
Role: Co-Investigator (PI: D. Stringer)
- 1994 Funder: BCCH Hospital Telethon  
Title: The role of 1,25 Dihydroxyvitamin D in the prevention & treatment of corticosteroid induced osteoporosis  
Role: Co-Investigator (PI: P. Malleson)
- 1994 Funder: Amersham Canada Limited  
Title: Supply of HMPAO, a brain cerebral agent to perform investigations of cerebral blood flow in newborns and children under the age of 1 year.  
Role: Investigator
- 1996-97 Funder: National Institutes of Health and National Cancer Institute and Children's Oncology Group (COG)  
Title: Subaward for conducting and participating in COG clinical trials  
Role: Co-Investigator (PI: C. Fryer)
- 1997-98 Funder: TRIUMF  
Title: The feasibility and efficacy of using 18-FDG to evaluate children with musculoskeletal neoplas

2001	Role: PI Funder: TRIUMF Title: Positron emission mammography system evaluation in 50 patients
2003-2004	Role: Co-investigator (PI M. Stilwell) Funder: National Institutes of Health and National Cancer Institute and Children's Oncology Group (COG) Title: Subaward for conducting and participating in COG clinical trials, Vice-Chair Radiology Committee, COG
2004-2005	Role: Co-Investigator (PI: C. Fryer) Funder: National Institutes of Health and National Cancer Institute and Children's Oncology Group (COG) Title: Subaward for conducting and participating in COG clinical trials, Vice-Chair Radiology Committee, COG
2005-2006	Role: Co-Investigator (PI: C. Fryer) Funder: National Institutes of Health and National Cancer Institute and Children's Oncology Group (COG) Title: Subaward for conducting and participating in COG clinical trials, Vice-Chair Radiology Committee, COG
2006-2007	Role: Co-Investigator (PI: C. Fryer) Funder: National Institutes of Health and National Cancer Institute and Children's Oncology Group (COG) Title: Subaward for conducting and participating in COG clinical trials, Vice-Chair Radiology Committee, COG
2007-2008	Role: Co-Investigator (PI: C. Fryer) Funder: National Institutes of Health and National Cancer Institute and Children's Oncology Group (COG) Title: Subaward for conducting and participating in COG clinical trials, Vice-Chair Radiology Committee, COG
2008-2009	Role: Co-Investigator (PI: C. Fryer) Funder: National Institutes of Health and National Cancer Institute and Children's Oncology Group (COG)

2004-2009 Title: Subaward for conducting and participating in COG clinical trials, Vice-Chair Radiology Committee, COG  
 Role: Co-Investigator (PI: C. Fryer)  
 Funder: Canadian Institutes of Health Research (CIHR)

2009-2013 Title: STeroid-induced osteoporosis in the pediatric population - Canadian incidence study (STOPP- CIS)  
 Role: Co-Investigator (PI: L. Ward)  
 Funder: Canadian Institutes of Health Research (CIHR)

Title: STeroid-induced osteoporosis in the pediatric population - Canadian incidence study 2 (STOPP- CIS)  
 Role: Co-Investigator (PI: L. Ward)

**Present/Pending:**

2013-2018 Funder: BCCH Telethon  
 Title: Using Imaging to Reduce Chemotherapy Side-Effects in Children & Adolescents with Cancer  
 Role: Co-Investigator (PI: R. Deyell)

2013 Funder: Children's Oncology Group (COG)  
 Title: Travel Grant to provide Central review of 360 paired studies at St . Anna Children's Hospital for SIOPEX high risk neuroblastoma for CURIE scoring  
 Role: Co-Investigator (PI: J. Park)

2014 Funder: Children's Oncology Group (COG)  
 Title: Subaward for conducting and participating in COG clinical trials  
 Role: Co-Investigator (PI: C. Strahlendorf)

2015 Funder: Children's Oncology Group (COG)  
 Title: Subaward for conducting and participating in COG clinical trials  
 Role: Co-Investigator (PI: C. Strahlendorf)

2016 Funder: Rare Disease Foundation and BC Children's Hospital Foundation)  
 Title: Role of [18F] FDG PET/CT in the Staging of Pediatric Malignant Germ Cell Tumours  
 Role: Co-Investigator (PI: K. Darras)

2016 Funder: Children's Oncology Group (COG)  
 Title: Subaward for conducting and participating in COG clinical trials  
 Role: Co-Investigator (PI: C. Strahlendorf)

## H. Bibliography

Peer-reviewed Articles (63 total)

1. **Nadel HR**, Stringer DA, Levison H, Turner JAP, Sturgess JAP. "The Immotile Cilia Syndrome: Radiological Manifestations". *Radiology* 1985;154:651-655.
2. Johnson H, Gleave M, Coleman GU, **Nadel HR**, Raffel J. "Neonatal Renomegaly". *Journal of Urology* October, 1987;part 2, 138:1023-1027.
3. Silver SF\*, **Nadel HR**, Flodmark CO. "Pneumorrhachis After Jejunal Entrapment Caused by a Fracture Dislocation of the Lumbar Spine". *AJR* May 1988;150:1129-1130. (\* resident trainee is first author)
4. Malleson P, Petty RE, **Nadel HR**, Dimmick JE. "Functional Asplenia in Childhood Onset Systemic Lupus Erythematosus". *J Rheumatol* 1988;15:1648-1652.
5. Buckley AR, Southwood TR, Culham JAG, **Nadel HR**, Malleson PN, Petty RE. "The Role of Ultrasound in Evaluation of Takayasu's Arteritis". *J. Rheumatol* 1991;18:1073-80.
6. Werner HA, Pirie GE, **Nadel HR**, Fleisher AG, LeBlanc JG. "Lung Volumes, Mechanics, and Perfusion After Pulmonary Resection in Infancy". *J Thoracic Cardiovascular Surgery* 1993;105:737-42.
7. Stringer DA, Hassall E, Ferguson AC, Cairns RA, **Nadel HR**, Sargent MA. "Hypersensitivity Reaction to Single Contrast Barium Meal Studies in Children". *Pediatric Radiology* 1993;23:587-588.
8. Fink AM, Stringer DA, Cairns RA, **Nadel HR**, Magee JF. "Congenital Fibrosarcoma". *RadioGraphics* 1995; 15:243-246.
9. Sargent MA, Schultz KR, Cairns RA, Murdoch MJ, **Nadel HR**, Wensley D. "Obstructive Lung Disease in Children Following Allogeneic Bone Marrow Transplantation: Evaluation of High Resolution CT". *AJR* 1995; 164:683-696.
10. Murdoch MJ\*, **Nadel HR**, Culham JAG, Stringer DA. "Malignant Fibrous Histiocytoma of the Heart". *RadioGraphics* 1995; 15:1227-1230. (\*fellow trainee is first author)

11. Mosskin M, Poskitt KJ, Connolly MCC, Farrell K, **Nadel HR**. "Comparison of PET, XE-CT, and SPECT in Infants with Intractable Seizures". *Neuroradiology* 1995;37(suppl)262-264.
12. Long G\*, Stringer DA, **Nadel HR**, Fink AM, Lewis P, Carruthers JDA, Lyons C. "B-Mode Ultrasonography-Spectrum of Paediatric Ocular Disease". *European Journal of Radiology* 1998;26 132-147. (\*fellow trainee is first author)
13. Ditchfield MR, **Nadel HR**. "The DMSA Scan in Pediatric Urinary Tract Infection". *Australasian Radiology*. October, 1998;42(4): 318-320.
14. McKeivitt E\*, Baerg J, **Nadel HR**, Webber, E. "Laparoscopy as a cause of a false-positive Meckel's scan". *Clinical Nuclear Medicine* Feb 1999; 24(2): 102-104. (\*resident and fellow trainees are first /second author)
15. Meyers PA, Schwartz C, Krailo M, Kleinerman E, Betcher D, Conrad E, Ferguson W, Gebhardt M, Goorin A, Harris M, Healey J, Huvos A, Link M, Montebello J, **Nadel H**, Nieder M, Sato J, Siegal G, Weiner M, Wells R, Wold L, Womer R, Grier H. "Osteosarcoma: A randomized, prospective trial of the addition of ifosfamide and/or muramyl tripeptide to cisplatin, doxorubicin, and high-dose methotrexate". *Journal of Clinical Oncology*, Vol 23, No 9 (March 20), 2005: pp. 2004-2011.
16. Alsufyani KA, Ortiz-Alvarez O, Cabral DA, Tucker LB, Petty RE, **Nadel H**, Malleson PN. Bone mineral density in children and adolescents with systemic lupus erythematosus, juvenile dermatomyositis, and systemic vasculitis: relationship to disease duration, cumulative corticosteroid dose, calcium intake, and exercise. *J Rheumatol*. 2005;32(4):729-33.
17. Seibel NL, Krailo M, Chen Z, Healey J, Breitfeld PP, Drachtman R, Greffe B, Nachman J, **Nadel H**, Sato JK, Meyers PA, Reaman GH. Upfront window trial of topotecan in previously untreated children and adolescents with poor prognosis metastatic osteosarcoma: children's Cancer Group (CCG) 7943. *Cancer*. 2007 Apr 15;109(8):1646-53.
18. Meyers PA, Schwartz CL, Krailo MD, Healey JH, Bernstein ML, Betcher D, Ferguson WS, Gebhardt MC, Goorin AM, Harris M, Kleinerman E, Link MP, **Nadel H**, Nieder M, Siegal GP, Weiner MA, Wells RJ, Womer RB, Grier HE; Children's Oncology Group. Osteosarcoma: the addition of muramyl tripeptide to chemotherapy improves overall survival--a report from the Children's Oncology Group. *J Clin Oncol*. 2008Feb 1;26(4):633-8.

19. Meyer JS, **Nadel HR**, Marina N, Womer RB, Brown KL, Eary JF, Gorlick R, Grier HE, Randall RL, Lawlor ER, Lessnick SL, Schomberg PJ, Kailo MD. Imaging guidelines for children with Ewing sarcoma and osteosarcoma: a report from the Children's Oncology Group Bone Tumor Committee. *Pediatr Blood Cancer*. 2008 Aug;51(2):163-70.
20. Mann GS\*, Byrne AT, **Nadel HR**, Bray H. Embryonal rhabdomyosarcoma as a second malignancy following multimodal therapy for advanced-stage neuroblastoma. *Pediatr Radiol*. 2008 Sep;38(9):1017-20. (\*fellow trainee is first author)
21. Murphy JJ, Tawfeeq M, Chang B, **Nadel H**. Early experience with PET/CT scan in the evaluation of pediatric abdominal neoplasms. *J Pediatr Surg*. 2008 Dec;43(12):2186-92.
22. Halton J, Gaboury I, Grant R, Alos N, Cummings EA, Matzinger M, Shenouda N, Lentle B, Abish S, Atkinson S, Cairney E, Dix D, Israels S, Stephure D, Wilson B, Hay J, Moher D, Rauch F, Siminoski K, Ward LM; **Canadian STOPP Consortium**. Advanced vertebral fracture among newly diagnosed children with acute lymphoblastic leukemia: results of the Canadian Steroid-Associated Osteoporosis in the Pediatric Population (STOPP) research program. *J Bone Miner Res*. 2009 Jul;24(7):1326-34.
23. Almubarak S, Gan YC, Steinbok P, Hendson G, Poskitt K, **Nadel H**, Goddard K, Hukin J. Occurrence of basal ganglia germ cell tumors without a mass. *ArchNeurol*. 2009 Jun;66(6):789-92.
24. Moinul Hossain AK, Shulkin BL, Gelfand MJ, Bashir H, Daw NC, Sharp SE, **Nadel HR**, Dome JS. FDG positron emission tomography/computed tomography studies of Wilms' tumor. *Eur J Nucl Med Mol Imaging*. 2010 Mar 4.
25. Huber AM, Gaboury I, Cabral DA, Lang B, Ni A, Stephure D, Taback S, Dent P, Ellsworth J, LeBlanc C, Saint-Cyr C, Scuccimarri R, Hay J, Lentle B, Matzinger M, Shenouda N, Moher D, Rauch F, Siminoski K, Ward LM; **Canadian Steroid-Associated Osteoporosis in the Pediatric Population (STOPP) Consortium**. Prevalent vertebral fractures among children initiating glucocorticoid therapy for the treatment of rheumatic disorders. *Arthritis Care Res (Hoboken)*. 2010 Apr;62(4):516-26. PubMed PMID: 20391507.
26. Gelfand MJ, Parisi MT, Treves ST; **Pediatric Nuclear Medicine Dose Reduction Workgroup**. Pediatric radiopharmaceutical administered doses: 2010 North American consensus guidelines. *J Nucl Med*. 2011 Feb;52(2):318-22. Epub 2011 Jan 13.

27. **Nadel H.R.** Radiation safety summit: nuclear medicine and PET/CT justification and optimization *Pediatr Radiol* (2011) 41 (Suppl 1):S217–S219
28. Levine DS, Metzger DL, **Nadel HR**, Oviedo A, Adam MJ, Skarsgard E. Novel use of F-DOPA PET/CT imaging in a child with paraganglioma /pheochromocytoma syndrome. *Pediatr Radiol*. 2011 Oct;41(10):1321-5. Epub 2011 May 13.
29. Rodd C, Lang B, Ramsay T, Alos N, Huber AM, Cabral DA, Scuccimarri R, Miettunen PM, Roth J, Atkinson SA, Couch R, Cummings EA, Dent PB, Ellsworth J, Hay J, Houghton K, Jurencak R, Larché M, LeBlanc C, Oen K, Saint-Cyr C, Stein R, Stephure D, Taback S, Lentle B, Matzinger M, Shenouda N, Moher D, Rauch F, Siminoski K, Ward LM; **Canadian Steroid-Associated Osteoporosis in the Pediatric Population (STOPP) Consortium**. Incident vertebral fractures among children with rheumatic disorders 12 months after glucocorticoid initiation: a national observational study. *Arthritis Care Res (Hoboken)*. 2012 Jan;64(1):122-31.
30. Feber J, Gaboury I, Ni A, Alos N, Arora S, Bell L, Blydt-Hansen T, Clarson C, Filler G, Hay J, Hebert D, Lentle B, Matzinger M, Midgley J, Moher D, Pinski M, Rauch F, Rodd C, Shenouda N, Siminoski K, Ward LM; **Canadian STOPP Consortium**. Skeletal findings in children recently initiating glucocorticoids for the treatment of nephrotic syndrome. *Osteoporos Int*. 2012 Feb;23(2):751-60. Epub 2011 Apr 15.
31. Mammen C, Al Abbas A, Skippen P, **Nadel H**, Levine D, Collet JP, Matsell DG. Long-term risk of CKD in children surviving episodes of acute kidney injury in the intensive care unit: a prospective cohort study. *Am J Kidney Dis*. 2012 Apr;59(4):523-30. Epub 2011 Dec 28.
32. Siminoski K, Lee KC, Jen H, Warshawski R, Matzinger MA, Shenouda N, Charron M, Coblenz C, Dubois J, Kloiber R, **Nadel H**, O'Brien K, Reed M, Sparrow K, Webber C, Lentle B, Ward LM; **STOPP Consortium**. Anatomical distribution of vertebral fractures: comparison of pediatric and adult spines. *Osteoporos Int*. 2012 Jul;23(7):1999-2008. Epub 2011 Nov 23
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Non-Peer-reviewed Articles (15 total):

1. **Nadel HR.** "Pediatric Radiologic Imaging". Canadian Family Physician 1986;32:1049-1054.
2. **Nadel HR.** "Padiatrisch Radiologie". Der Praktische Arzt April 1987;558:551-562.
3. **Nadel HR.** "Thallium-201 for Oncologic Imaging in Children". Seminars in Nuclear Medicine 1993;23 (3):243-254.
4. **Nadel HR.** "Where Are We With Nuclear Medicine in Pediatrics". European Journal of Nuclear Medicine, 1995; 22:1433-1451.
5. **Nadel HR.** "Hepatobiliary Scintigraphy in Children". Seminars in Nuclear Medicine, 1996;26:25-42.
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7. Mandell GA, Eggli DF, Gilday DL, Heyman S, Leonard JC, Miller JH, **Nadel HR**, Treves ST. Procedure Guideline For Radionuclide Cystography In Children. Journal of Nuclear Medicine 1997;38(10):1650-1654.
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9. **Nadel HR**, Stilwell, ME. "Cardiopulmonary Scintigraphy in Children" Nuclear Medicine Annual, 1998; 165-224.
10. **Nadel HR**, Stilwell, ME. "Nuclear Medicine Topics In Pediatric Musculoskeletal Disease: Techniques And Applications", Radiologic Clinics of North America, 2001; 39 (4):619-651.
11. **Nadel HR**, Kaste S, Guillerman RP. New Approaches to Imaging in Pediatric Cancer. In: Perry MC, ed. ASCO Educational Book Alexandria, VA: American Society of Clinical Oncology; 2003:532-545.
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14. **Nadel HR**, Shulkin B. Pediatric positron emission tomography-computed tomography protocol considerations. Semin Ultrasound CT MR. 2008 Aug;29(4):271-6.

15. **Nadel HR**. Pediatric bone scintigraphy update. Semin Nucl Med. 2010 Jan;40(1):31-40.

Book Chapters (23 total):

1. Stringer DA, **Nadel HR**, Siegel MJ. "The Pediatric Diaphragm and Esophago-Gastric Junction." Chapter in Pediatric Gastrointestinal Imaging, A section in "Margulis & Burhenne's Alimentary Tract Radiology". Editors Stevenson GW, Freeny P. CV Mosby, St. Louis, 1993, p 1853-1864.
2. Stringer DA, **Nadel HR**, Siegel MJ. "The Pediatric Stomach". Chapter in Pediatric Gastrointestinal Imaging, A section in "Margulis & Burhenne's Alimentary Tract Radiology". Editors Stevenson GW, Freeny P. CV Mosby, St. Louis, 1993, p 1865-1877.
3. Stringer DA, **Nadel HR**, Siegel MJ. "The Pediatric Small Bowel". Chapter in Pediatric Gastrointestinal Imaging, A section in "Margulis & Burhenne's Alimentary Tract Radiology". Editors Stevenson GW, Freeny P. CV Mosby, St. Louis, 1993, p 1878-1906.
4. Stringer DA, **Nadel HR**, Siegel MJ. "The Pediatric Large Bowel". Chapter in Pediatric Gastrointestinal Imaging, A section in "Margulis & Burhenne's Alimentary Tract Radiology". Editors Stevenson GW, Freeny P. CV Mosby, St. Louis, 1993, p 1907-1931.
5. **Nadel HR**, Rossleigh MA. "Tumor Imaging ", Chapter In: Pediatric Nuclear Medicine 2nd edition, S.T. Treves, Springer-Verlag , New York, 1994, p. 496-527.
6. **Nadel HR**. "Emergency Pediatric Nuclear Medicine", Categorical Course Syllabus, American Roentgen Ray Society 95th Annual Meeting, May, 1995 American Roentgen Ray Society, Reston, Virginia 1995, p 85-94.
7. **Nadel HR**. "Detection of Residual Tumor in Children with Osteogenic Sarcoma", Categorical Course Syllabus, Pediatric Radiology: Anticipating the Millenium, Postgraduate Course, Society for Pediatric Radiology, Oak Brook, Illinois 1998, p 97-108.
8. **Nadel HR**, Stilwell, ME. "Use of Nuclear Medicine techniques for the management of Pediatric tumors: Diagnosis & Therapy", Chapter In: "Effective Use of Nuclear Medicine in Oncology, C. Aktolun, N. Tauxe, Editors. Springer-Verlag, New York, 1998, in press.

9. **Nadel HR**, Stilwell, ME. "Pediatric Nuclear Scintigraphy - A Coming of Age", Chapter in: Diagnostic Nuclear Medicine, C. Schiepers, Editor, Springer-Verlag, New York, 1999.
10. **Nadel HR**, Stilwell ME. "Pediatric Gastrointestinal Scintigraphy" Chapter in: Pediatric Gastrointestinal Imaging, D. A. Stringer, Editor. B.C. Decker Inc. Publisher, 2000.
11. Stringer, DA, **Nadel HR**. "Techniques and contrast media used to image the gastrointestinal tract". Chapter In: Imaging Children Carty H, Brunelle F, Stringer D, Kao S, (ed) Elsevier Science, Edinburgh, 2004,
12. **Nadel HR**, Stringer DA, "Techniques of imaging the liver". Chapter In: Imaging Children Carty H, Brunelle F, Stringer D, Kao S,(ed) Elsevier Science, Edinburgh, 2004.
13. **Nadel HR**, Stilwell ME. "Pediatric Nuclear Scintigraphy- Selected topics", Chapter in: Diagnostic Nuclear Medicine, C. Schiepers, Editor, Springer-Verlag, New York, second edition, 2005.
14. **Nadel HR**, "Musculoskeletal Indications", Chapter in Clinical Nuclear Medicine, Maisey, Britton, Cook, Chengazi Eds, 2006.
15. **Nadel H**, "Pediatric Cancers", In "A Clinicians Guide to Nuclear Oncology: Practical Molecular Imaging and Radionuclide Therapies", Alazraki NP, Shumate MJ, Kooby DA, The Society of Nuclear Medicine, Reston, VA, 2007.
16. Levine DS, **Nadel HR**, "Practical Considerations in the Radionuclide Imaging of Children", in H.-J.Biersack / L.Freeman (Eds.) Practical Nuclear Medicine / Springer-Verlag, 2007
17. **Nadel, H. R.** and A. T. Byrne (2010). Pediatric Applications for PET/CT and SPECT/CT. Hybrid PET/CT and SPECT/CT imaging. D. Delbeke and O. Israel. New York, Springer: 621-658.
18. Parisi M, Parnell, SE, **Nadel H**, Phillips GS, Nghia JV, Pediatric Cases , In: Nuclear Medicine Cases, Rajendran J, Manchanda, V, Mcgraw-Hill, 2010
19. **Nadel H**, Leggett J, Mcguire D, Weiss S, Conway J, Pediatric Imaging in Nuclear Medicine and PET/CT Technology and Techniques 7th Edition, Elsevier, 2012
20. **Nadel H**, Chapter 34: Paediatric Bone Scintigraphy: Variants and limitations; in Radionuclide and Hybrid Bone Imaging, Fogelman, Gnanasegaran, Van der Wall, Springer, 2012
21. **Nadel H**, Chapter 37:Hybrid Bone Imaging In Paediatrics ; in Radionuclide and Hybrid Bone Imaging, Fogelman, Gnanasegaran, Van der Wall, Springer, 2012
22. Mann GS, Greer MC, **Nadel HR**, Paediatric Crohn's Disease in Crohn's Disease: Current Concepts. A. Rajesh, R. Sinha Ed, Springer, 2014
23. **Nadel HR**, Biassoni, SPECT/CT in Oncology, in Imaging in Pediatric Oncology: New Advances and Techniques, S.D.Voss and K. McHugh Ed, Springer 2019



Books (Total 1):

1. A Practical Approach to Everyday Paediatric Nuclear Medicine, **HR Nadel**, Z Bar-Sever, A Brink, J Cerci, L Biassoni, Editors, IAEA Human Health Nuclear Campus Medicine Publication, In Press, 2019

(d) Invited Presentations

(i) Regional / Provincial

**Nadel, H.R.** "Imaging of the Musculoskeletal System in Pediatrics". 7th Annual Post Graduate Review in Pediatrics. U.B.C. Vancouver, B.C. May, 1984.

**Nadel, H.R.** "Imaging of Childhood Hepatobiliary Diseases: A Clinical Approach". Liver and Biliary Imaging Symposium. The Canadian Association of Radiologists. Vancouver, B.C. June, 1984.

**Nadel, H.R.** "Scintigraphy in Children". Practical Radiology 1985. Whistler, B.C. February, 1985.

**Nadel, H.R.** "Pediatric Nuclear Medicine". 17th Annual Nuclear Medicine Reunion. British Columbia Institute of Technology. Vancouver, B.C. June, 1985.

**Nadel, H.R.** "The Child with Vomiting". Practical Radiology, 1986. Whistler, B.C. February, 1986.

**Nadel, H.R.** "Imaging the Child with Chronic Abdominal Pain". Practical Radiology. Whistler, B.C. March, 1987.

**Nadel, H.R.** "Pediatric Gastric Emptying". Nuclear Medicine Refresher Course. Greater Victoria Hospital Society. Victoria, B.C. October, 1987.

**Nadel, H.R.** "Nuclear Medicine of the Urinary System". B.C. Association of Medical Radiation Technologists. Continuing Education Seminar. Vancouver, B.C. November, 1987.

**Nadel, H.R.** "Pediatric Renography and GFR". Pacific Northwest Chapter, Society of Nuclear Medicine Annual Spring Meeting. Blaine, Washington. March, 1988.

**Nadel, H.R.** "Pediatric Nuclear Medicine". University of Alberta, Diagnostic Radiology Residency Training Program. Calgary, Alberta. January, 1989.

**Nadel, H.R.** "Pediatric Renal Imaging". Alberta Diagnostic Sonographers Association - Refresher Course. Calgary, Alberta. October, 1989.

**Nadel, H.R.** "Imaging Kiddie's Kidneys". B.C. Ultrasound Society - Sono Sunday. Vancouver, BC. February, 1990.

**Nadel, H.R.** "Nuclear Medicine in the 90's - A Pediatric Experience". BCAMRT Annual General Conference. Vancouver, B.C. May, 1990.

**Nadel, H.R.** "Pediatric Ultrasound Assessment of the Abdomen and Pelvis". Grace Ultrasound Update: 1990. Vancouver, B.C. October, 1990.  
Connolly, M.B., Poskitt, K.J., Nadel, H.R., Farrell, K. "Functional Brain Imaging in Intractable Epilepsy in Childhood". Second Annual Research Day, Department of Pediatrics. UBC and BCCH. Vancouver, B.C. June, 1993.

**Nadel, H.R.** "Pyelonephritis and Urinary Tract Infections. State of the Art of Investigations, Imaging Techniques, Medical and Surgical Treatments". Continuing Medical Education Course of the University of British Columbia, Department of Pediatrics and BCMA Section of Pediatrics. Vancouver, BC. May, 1994.

**Nadel, H.R.** "Imaging in Pediatric Urinary Tract Infection". Practical Radiology. Whistler, B.C. February, 1995.

**Nadel, H.R.**, "Scintigraphy in Pediatric Rhabdomyosarcoma". Radiology-Pathology workshop of the Children's Cancer Group meeting, April 25, 1996, Vancouver, B.C.

**Nadel, H.R.**, "The Imaging of Pediatric Jaundice". Symposium: Jaundice: Diagnosis and Management, Canadian Association of Radiologists Annual Meeting June 11, 1996, Vancouver, B.C.

**Nadel, H.R.**, "Gastrointestinal Hemorrhage: Blood, Sweat, and ? Cheers", Advances in Pediatrics Seminar, January 23, 1998, BCCH, Vancouver, B.C.

**Nadel, H.R.**, "Pediatric Nuclear Medicine into the Third Millennium" Continuing Education Course, Western Regional Meeting Society of Nuclear Medicine, October 23, 1998, Long Beach, California.

**Nadel, H.R.**, "A Problem-Based Approach To Pediatric Urinary Tract Infection And Benign Bone Disease" Western Regional Meeting Society of Nuclear Medicine, October 23, 1998, Long Beach, California.

**Nadel, H.R.**, “Radiation Risk and Safety in Nuclear Medicine”, Pathology Department and OR Nurses In-service, BCCH, September ,1999, Vancouver, BC

**Nadel, H.R.**, “Radiation Safety in Sentinel Node Lymphoscintigraphy”, BC Women’s Breast Conference, January 26, 2001, Vancouver, B. C.

**Nadel, H.R.**, “Controversies in the Management of UTI in Children”, Pacific Northwest Chapter Society of Nuclear Meeting Annual Meeting, Mar 31, 2001, Ocean Shores, Wa.

**Nadel, H.R.**, “PET Imaging in Children, Clinical Applications of PET in Oncology”, Sponsored by BCCA and IPET, June 11, 2001, Vancouver, B. C

**Nadel, H.R.**, “The Impact of PET in Pediatrics”, Society of Nuclear Medicine Pacific Northwest Chapter meeting Blaine, Washington, April 13, 2002.

**Nadel, H.R.**, “Imaging Pediatric Bones”, BCCH Emergency Continuing Education Course, Vancouver, B. C. April 11, 2003.

**Nadel H.R.**, “Pediatric Nuclear Medicine, Why Children Are Not Small Adults”, Western Regional Meeting Society of Nuclear Medicine, October 23, 2004, Vancouver B.C.

**Nadel H.R.**, “Pediatric Nuclear Oncology, Radiology Grand Rounds, Emory University, Atlanta, Georgia, November, 2, 2004.

**Nadel H.R.**, “Neuroblastoma, Imaging and Therapy. Presented to Surgical Discipline Education Seminar, Children’s Oncology Group,, Los Angeles, California, April 1, 2005.

**Nadel H.R.**, “Pediatric PET CT: The Good, The Bad, and the Ugly” London Health Sciences Centre Nuclear Medicine Grand Rounds, London, Ontario, October 24, 2006

A. Byrne, **H Nadel** Pediatric PET CT: The Good, The Bad, and the Ugly also presented to University of British Columbia Radiology Grand Rounds, Vancouver, BC, Jan 24, 2007

**Nadel H.R.**, Pediatric PET CT, University of British Columbia Nuclear Medicine Grand Rounds , Vancouver, BC, May 1, 2007

**Nadel H.R.**, Pediatric Bone Density presented to the Eastern Great Lakes Chapter Society for Nuclear Medicine, Oakville, Ontario, Oct. 26. 2007

**Nadel H.R.**, Imaging 30 Years, presented at Scientific Symposium for 30 Year Reunion Class of '77 , University of Manitoba Medical School, Winnipeg, Manitoba, September 2007.

**Nadel H.R.**, Overview of PET-CT in Pediatric Oncology, Functional Imaging Session at BC Cancer Agency Annual Cancer Conference 2007, Vancouver, B.C., Nov 30, 2007,

**Nadel H.R.**, "Pediatric and Dosimetry Issues in PET/CT; The "High Road" for Low Dose Imaging in Children, Best Practices in PET/CT symposium, Sonoma, California, March 3-4, 2008

**Nadel H.R.**, "Hybrid Imaging in paediatrics: the sum is greater than each of the parts" Presented to City-Wide Nuclear Medicine Rounds at Guy's Thomas Hospital, London, England, May 30, 2008

**Nadel H.R.**, "SPECT-CT in Children", BC Children's Hospital Academic Radiology Rounds, Vancouver, B.C. June 10, 2008

**Nadel H.R.**, "Hybrid Imaging in Children"  
Sydney Children's Hospital, Sydney, Australia, April 15, 2009  
Royal Albert Hospital, Perth, Western Australia, April 21, 2009  
Starship Children's Hospital, Auckland, New Zealand May 7, 2009

**Nadel H.R.**, "Pediatric PET-CT", UCLA Rounds to Imaging, Pediatrics and Nuclear Medicine Department, Los Angeles, California, July 14, 2009

**Nadel H.R.**, " SPECT/CT Bone Imaging In Children " Radiology Rounds Presentation to Guy's St. Thomas Hospital Nuclear Medicine Department, and Great Ormond Street Hospital, London, England, Nov 2009

**Nadel H.R.**, "Pediatric PET-CT- Low Dose Considerations" Presentation to Radiology and Oncology Great Ormond Street Hospital, London, England, Nov 2009

**Nadel H.R.**, "Special Considerations For Pediatric Therapy Monitoring, Best Practices in PET/CT symposium, Sonoma, California, April 8-9, 2010

**Nadel H.R.**, "Pediatric Therapy Monitoring, Nuclear Medicine Grand Rounds, April 27, 2010

**Nadel H.R.**, "SPECT/CT Imaging in Children- Scintigraphic Multitasking" Siemens Multimodality Symposium Sept 26, 2010 Vancouver BC

**Nadel H. R** TRIUMF Colloquium – “What happens to the tracer once it leaves TRIUMF?: A Pediatric Perspective on PET/CT Vancouver, BC, October 28, 2010

**Nadel H.R.**, “Optimizing Pediatric PET/CT” Pacific Northwest Chapter SNM, Portland, Oregon, Mar 12, 2011

**Nadel H.R.**, “Image Gently”-Optimized Pediatric Hybrid Imaging, Pacific Northwest Chapter Society of Nuclear Medicine Meeting, Portland Oregon, March 10, 2012

**Nadel H.R.**, 18-F-DOPA in Neuroendocrine Disease? Alternative to FDG. Presentation at the Fifth Annual Symposium of Best Practices in PET/CT, Sonoma, CA, April 13, 2012

**Nadel H.R.**, “Image Gently”-Low Dose Pediatric Hybrid Imaging, 37th Annual Western Regional Meeting Society of Nuclear Medicine and Molecular Imaging, Monterey, Ca, October 25, 2012

**Nadel H.R.**, Kidney Scintigraphy Update, PNW SNMMI Chapter meeting, Portland, Or, March 9, 2013

**Nadel H.R.**, SPECT/CT for Pediatric Applications of Bone, PNW SNMMI Chapter meeting, Portland, Or, March 16, 2014

**Nadel H.R.**, Bone Density Evaluation in Children, PNW SNMMI Chapter meeting, Bellevue, Wa, March 19, 2016

**Nadel H.R.**, PET/CT and SPECT/CT in children: Optimizing Technique for Patient Management, University of British Columbia Department of Radiology Grand Rounds, Vancouver, British Columbia, February 8, 2017

**Nadel H. R.** Pediatric PET/MRI-Is this a “killer application”?, Pacific Coast Pediatric Radiology Association Annual Meeting, July 20, 2019, Whistler, B.C.

National / International

**Nadel H.R.**, “Thallium-201 Oncologic Imaging in Children”. Radiology Rounds, Department of Radiology, Children’s Memorial Hospital. Chicago, Illinois. March, 1993.

**Nadel H.R.**, “The Developing Brain”. New Developments in Pediatric Imaging.

Continuing Medical Education Course, 40th Annual Meeting of the Society of Nuclear Medicine. Toronto, Ontario. June, 1993.

**Nadel H.R.**, "Scintigraphy of Benign Bone Disease in Children". Radiology Rounds. Department of Radiology, Children's Hospital. Boston, MA. April, 1994.

**Nadel H.R.**, "Thallium -201 Scintigraphy in Pediatric Oncology". Department of Radiology Rounds, National Children's Medical Centre. Washington, D.C. April, 1994.

**Nadel H.R.**, "Tumor and Thallium. Hide and Seek". Categorical Course in Pediatric Nuclear Imaging. Society of Nuclear Medicine 41st Annual Meeting. Orlando, Florida. June 1994.

**Nadel H.R.**, "Thallium Tumor Imaging in Children". C.A.M.R.T. 52nd Annual General Conference. Winnipeg, Manitoba. June, 1994.

**Nadel H.R.**, "International Paediatric Challenge". Team member. 6th World Congress of the World Federation of Nuclear Medicine & Biology. Sydney, Australia. October, 1994

**Nadel H.R.**, "Thallium Tumor Imaging in Children". Radiology Rounds, Royal Children's Hospital. Melbourne, Australia. October, 1994.

**Nadel H.R.**, "Lung Scintigraphy in Children". Radiology Rounds, Royal Children's Hospital. Melbourne, Australia. October, 1994.

**Nadel H.R.**, "Thallium and Tumor in Children". Nuclear Medicine Rounds, Sloan-Kettering Memorial Hospital. New York, NY. November, 1994.

**Nadel H.R.**, "Thallium Tumor Imaging in Children". Pediatric 'Hematology-oncology rounds, Manitoba Cancer and Treatment Centre, Winnipeg, Manitoba, March 24, 1995.

**Nadel H.R.**, "Emergency Pediatric Nuclear Medicine", Categorical Course, American Roentgen Ray Society 95th Annual Meeting, American Roentgen Ray Society, Reston, Virginia May, 1995

**Nadel H.R.**, "Thallium Scintigraphy in the Management of Pediatric Tumors". Capital Region Nuclear Medicine Club, Ottawa, Ontario, May 3, 1995.

**Nadel H.R.**, "Emergency Pediatric Nuclear Medicine". Children's Hospital of Eastern Ontario, Ottawa, Ontario, May 3, 1995.

**Nadel H.R.**, “Benign Bone Disease in Children”. Pre-congress symposium on Benign Bone Disease at the European Association of Nuclear Medicine Congress 1995, Brussels, Belgium, August 26, 1995.

**Nadel H.R.**, “Thallium Scintigraphy in the Management of Pediatric Tumors”. Guy’s Hospital, London, England, September 6, 1995.

**Nadel H.R.**, “Thallium Scintigraphy in the Management of Pediatric Tumors”. Middlesex Hospital and UCL Medical School, London, England, September 7, 1995.

**Nadel H.R.**, “Emergency Pediatric Nuclear Medicine”. Nuclear Medicine Rounds, Sheba Medical Centre, Tel Hashomer, Israel, March 5, 1996.

**Nadel, H.R.**, “Thallium Tumor Imaging in Children”. Nuclear Medicine Rounds, Sheba Medical Centre, Tel Hashomer, Israel, March 5, 1996.

**Nadel, H.R.**, “Emergency Pediatric Nuclear Medicine”. Israeli Radiological Society 2nd Annual Pediatric Imaging Course, Jerusalem, Israel March 13, 1996.

**Nadel, H.R.**, “Thallium Tumor Imaging in Pediatric Musculoskeletal Neoplasm”. Tumor Board, Children’s Memorial Hospital, May 3, 1996, Chicago, Illinois.

**Nadel, H.R.**, “New Approaches to Pediatric Tumor Imaging”. Categorical Seminar Tumor Imaging: Are You Ready for the Revolution?, Society of Nuclear Medicine 43rd Annual Meeting, Denver, Colorado, June 2, 1996.

**Nadel, H.R.**, “Thallium and Beyond in Pediatric Tumors”. Categorical Seminar Current Concepts in Pediatric Tumor Imaging, Society of Nuclear Medicine 43rd Annual Meeting, Denver, Colorado, June 2, 1996.

**Nadel, H.R.**, Majd M, Howman-Giles, R. “Controversies in Pediatric Thallium Scintigraphy”. Categorical Seminar Current Concepts in Pediatric Tumor Imaging, Society of Nuclear Medicine 43rd Annual Meeting, Denver, Colorado, June 2, 1996.

**Nadel, H.R.**, “Chapter Bowl”, Team Member Pacific Northwest Chapter, Society of Nuclear Medicine 43rd Annual Meeting, Denver, Colorado, June 2, 1996.

**Nadel, H.R.**, “New Advances in Pediatric Tumor Imaging”. Pacific Northwest Chapter of the Society of Nuclear Medicine Annual Spring Meeting, March 16, 1997, Blaine, Washington.

**Nadel, H.R.**, "The Role of Nuclear Medicine in the Management of the Pediatric Oncology Patient". Presented to the Sierra Chapter of the Society of Nuclear Medicine Annual Spring Meeting, May 17, 1997, Santa Rosa, California.

**Nadel, H.R.**, "Evaluation of Pediatric Musculoskeletal Neoplasms". Categorical Seminar, Imaging of Musculoskeletal System and Uses of Gallium in Children. Presented at Society of Nuclear Medicine 44th Annual Meeting, June 1, 1997, San Antonio, Texas.

**Nadel, H.R.**, Urgent Pediatric Nuclear Imaging. Continuing Education Course at Society of Nuclear Medicine 44th Annual Meeting, June 2, 1997, San Antonio, Texas.

**Nadel, H.R.**, "Pediatrics - Read with the Experts". Presented at Society of Nuclear Medicine 44th Annual Meeting, June 3, 1997, San Antonio, Texas.

**Nadel, H.R.**, "Initial Experience with e.cam. Focus on Pediatric Applications", Western Regional Society of Nuclear Medicine Siemens Users Meeting, Sept 19, 1997, Monterey, California.

**Nadel, H.R.**, "Evaluation Of Pediatric Musculoskeletal Neoplasms", Los Angeles Radiological Society 1997 Nuclear Medicine Seminar, October 4, 1997, Pasadena, California.

**Nadel, H.R.**, "Detection of Residual Tumor in Osteogenic Sarcoma and Hodgkin's Disease", Postgraduate Course, SPR 1998 Pediatric Radiology: Anticipating the Millenium, May 6, 1998, Tucson, Arizona.

**Nadel, H.R.**, "Oncologic Disorders In: Pediatric Skeletal Scintigraphy: Optimizing Technique And Interpretation". Continuing Education Course at Society of Nuclear Medicine 45th Annual Meeting, June 8, 1998, Toronto, Ontario.

**Nadel, H.R.**, "Advances in Pediatric Oncologic Imaging". 56th Annual Canadian Association of Medical Radiation Technologists General Conference, June 17, 1998, Vancouver, British Columbia.

**Nadel, H.R.**, "Hepatobiliary Scintigraphy in Children". World Federation of Nuclear Medicine and Biology Meeting, August 30, 1998, Berlin, Germany.

**Nadel, H.R.**, "Diagnosis and Therapy of Pediatric Tumors" Post Congress Meeting Pediatric Nuclear Medicine, September 5, 1998, Munich, Germany.



**Nadel, H.R.**, "Pediatric Nuclear Medicine into the Third Millenium" Continuing Education Course, Western Regional Meeting Society of Nuclear Medicine, October 23, 1998, Long Beach, California.

**Nadel, H.R.**, "A Problem-Based Approach To Pediatric Urinary Tract Infection And Benign Bone Disease" Western Regional Meeting Society of Nuclear Medicine, October 23, 1998, Long Beach, California.

**Nadel, H.R.**, "Scintigraphy in Brain Development" The Second Kuwait International Conference of Radiology and Nuclear Medicine, February 22, 1999, Kuwait.

**Nadel, H.R.**, "Scintigraphy in Intractable Epilepsy in Infants and Children" The Second Kuwait International Conference of Radiology and Nuclear Medicine, February 22, 1999, Kuwait.

**Nadel, H.R.**, "New Directions in Pediatric Brain Scintigraphy in Older Children" The Second Kuwait International Conference of Radiology and Nuclear Medicine, February 22, 1999, Kuwait.

**Nadel, H.R.**, "Technique and indications of planar and SPECT imaging in pediatric oncology". Scientific session speaker, Pediatric Oncology Group meeting, Chicago, Illinois, October 23, 1999.

**Nadel, H.R.**, "Emergency Pediatric Nuclear Medicine", Pediatric Grand Rounds, New Sydney Children's Hospital, Randwick, New South Wales, Australia, Nov 17, 1999.

**Nadel, H.R.**, "Emergency Pediatric Nuclear Medicine", Pediatric Grand Rounds, Sydney Children's Hospital, Westmead, Australia Nov 18, 1999.

**Nadel, H.R.**, "Thallium tumor imaging in musculoskeletal neoplasm", Oncology Rounds, Sydney Children's Hospital, Westmead, Australia Nov 18, 1999.

**Nadel, H.R.**, Resident teaching session Pediatric Nuclear Medicine, Sydney Children's Hospital, Westmead, Australia Nov 17, 1999.

**Nadel, H.R.**, "Bone and Tumor Imaging in Children". Keynote Speaker at Festschrift for IPC Murray, Prince of Wales Hospital, Sydney, Australia, November 20, 1999.

**Nadel, H.R.**, "Oncologic Nuclear Medicine: Applications of Planar Imaging and SPECT", Society for Pediatric Radiology, Sunrise Session, Monday May 1, 2000, Naples, Florida.

**Nadel, H.R.**, “Pediatric Oncologic Nuclear Medicine”, Grand Rounds Vail Hebron General Hospital, Barcelona, Spain, May 11, 2000.

**Nadel, H.R.**, “Gastrointestinal Pediatric Nuclear Medicine”, Interactive session, 3rd European Symposium on Pediatric Nuclear Medicine, May 12, 2000, Platja D’Aro Girona, Spain

**Nadel, H.R.**, “Oncologic Pediatric Nuclear Medicine”, Interactive session, 3rd European Symposium on Pediatric Nuclear Medicine, May 13, 2000 Platja D’Aro Girona, Spain.

**Nadel, H.R.**, Stilwell, M.E. “Cardiac Scintigraphy In The Pediatric Patient-From Neonate To Adult Congenital Heart Disease” . Categorical Course, Society of Nuclear Medicine, Annual Meeting, June 3, 2000. St. Louis, Missouri

**Nadel, H.R.**, Stilwell, M.E. “Cardiac Scintigraphy In The Pediatric Patient-From Neonate To Adult Congenital Heart Disease”. Technologist section, Society of Nuclear Medicine, Annual Meeting, June 6, 2000. St. Louis, Missouri

**Nadel, H.R.**, “Nuclear Medicine Imaging of Bone Tumors”, Radiology Pathology Symposium, Children’s Oncology Group Meeting, Phoenix, Arizona, November 3, 2000

**Nadel, H.R.**, “Pediatric Oncologic Nuclear Medicine”, RSNA Refresher Course, Radiological Society of North America Annual Meeting, Chicago, Illinois, November 30, 2000.

**Nadel, H.R.**, “The Impact of PET in Pediatrics, Society of Nuclear Medicine Mid-winter meeting Scottsdale, Arizona, Feb 10, 2002.

**Nadel, H.R.**, “Oncology in Pediatrics: Nuclear Medicine-What it has to offer: Advantages and Disadvantages” Pediatric Nuclear Medicine Pre-congress World Federation of Nuclear Medicine and Biology, Santiago Chile, September 28, 2002.

**Nadel, H.R.**, “Role Of Nuclear Medicine In Tumor Diagnosis And Therapy In Children” American Medical Association Track, World Federation of Nuclear Medicine and Biology, Santiago Chile, September 29, 2002.

**Nadel, H.R.**, “Nuclear Cardiology: A Pediatric Approach American Medical Association Track World Federation of Nuclear Medicine and Biology, Santiago Chile, September 29, 2002.

**Nadel, H.R.**, “Pediatric Nuclear Medicine Read with the Experts” American Medical Association Track World Federation of Nuclear Medicine and Biology, Santiago Chile, September 29, 2002.

**Nadel, H.R.**, “e.media- Initial Clinical Experience”, Siemens SPECT User’s symposium World Federation of Nuclear Medicine and Biology, Santiago Chile October 3, 2002.

**Nadel, H.R.**, “Role Of Nuclear Medicine In Tumor Diagnosis And Therapy In Children” Radiology Grand Rounds, McGill University, Montreal, Quebec, November 11, 2002.

**Nadel, H.R.**, “Scintigraphy of Benign Bone Disease”, Nuclear Medicine Rounds, McGill University, Montreal, Quebec, November 12, 2002

**Nadel, H.R.**, “Emergency Pediatric Nuclear Medicine”, Society of Nuclear Medicine Mid-Winter Meeting, Hollywood, Florida January 26, 2003.

**Nadel, H.R.**, “The Role of Nuclear Medicine in Tumor Diagnosis and Therapy in Children”, Montefiore Medical Park, Bronx, New York, February 3, 2003

**Nadel, H.R.**, “Emergency Pediatric Nuclear Medicine, Moses Montefiore Medical Centre Radiology Rounds, Bronx, New York February 4, 2003

**Nadel, H.R.**, Kaste, S, Guillerman, P “Approaches to Imaging in Pediatric Cancer”, American Society of Clinical Oncology Annual Meeting, Chicago, Illinois, June 1, 2003.

**Nadel, H.R.**, “e.media - Clinical Experience in Pediatric Imaging”, Siemens Users Meeting, Society of Nuclear Medicine Annual Meeting, New Orleans, June 23, 2003.

Gilday D, **Nadel H.R.**, “Pediatric Read with the Experts”, Continuing Education Session, Society of Nuclear Medicine Annual Meeting, New Orleans, June 24, 2003.

**Nadel H. R.**, “Osteoporosis: A Pediatric Disease? Bone Mineral Density Evaluation in Children”, Canadian Association of Radiologists Annual Meeting, Halifax, Nova Scotia, October 3, 2003.

**Nadel H.R.**,” PET and Neuroblastoma, Pediatric Categorical Seminar, Society of Nuclear Medicine Annual Meeting, Philadelphia, Pennsylvania, June 19, 2004

Gilday D, **Nadel H.R.**, “Pediatric Read with the Experts”, Continuing Education Session, Society of Nuclear Medicine Annual Meeting, New Orleans, June 20, 2004.

**Nadel, H.R.**, “Pediatric Nuclear Oncology”, International Congress of Radiology 2004, June 26, 2004, Montreal, Canada.

**Nadel, H.R.**, “ Pediatric Nuclear Oncology” Israeli Nuclear Medicine Society, Schneider Children’s Hospital, Tel Aviv , Israel, Dec 23, 2004, and Rambam Hospital, Haifa, Israel, Dec 27, 2004.

**Nadel, H.R.**, “The Role of Nuclear Medicine in Tumor Diagnosis and Therapy in Children”, Invited Speaker to the New York Academy of Medicine, Section of Nuclear Medicine, y, New York City, NY, February 8, 2005.

**Nadel, H.R.**, “The Role of Nuclear Medicine in Tumor Diagnosis and Therapy in Children “ and “Pediatric Nuclear Medicine, Why Children Are Not Small Adults”, Radiology Grand Rounds and Nuclear Medicine Rounds, University Medical and Dental School of New Jersey, Newark NJ, February 9, 2005.

**Nadel, H.R.**, “Why Children are Not Small Adults, Pediatric Nuclear Medicine Review, American Pharmacists Association Annual Meeting, Orlando, Florida, April 3, 2005.

**Nadel, H.R.**, “Pediatric Bone Densitometry, CSNM Annual Meeting, Vancouver, B.C. May 12, 2005.

**Nadel, H.R.**, “Pediatric Read With the Experts”, Continuing Education Session, Society of Nuclear Medicine Annual Meeting, Toronto, Ontario, June 19, 2005.

**Nadel H.R.**, “Adult Diseases Presenting in the Pediatric World”, Continuing Education Session, Society of Nuclear Medicine Annual Meeting, Toronto, Ontario, June 20, 2005.

**Nadel H.R.**, “Pediatric DXA: Interpretation and Reporting” Continuing Education Session, Society of Nuclear Medicine Annual Meeting, Toronto, Ontario, June 22, 2005

**Nadel, H.R.**, “Making the Correct Diagnosis- Nuclear Medicine Tools”, SIOP Pre-Meeting Educational Course, Sept 20, 2005 Vancouver, BC

**Nadel, H.R.**, Pediatric DXA and Osteoporosis, Interactive Session, 5th European Symposium on Paediatric Nuclear Medicine, Platja d’Aro, Girona., Spain, May 25, 2006

**Nadel, H.R.**, “Pediatric Read With the Experts”, Continuing Education Session, Society of Nuclear Medicine Annual Meeting, San Diego, June 4, 2006.

**Nadel, H.R.**, "New Thoughts on Pediatric Bone Density", Society of Nuclear Medicine Annual Meeting, San Diego, June 6, 2006

**Nadel, H.R.**, “The Sum is Greater Than the Individual Parts: The Added-Value of PET-CT”, Continuing education session Society of Nuclear Medicine Annual Meeting, San Diego, June 6, 2006

**Nadel, H.R.**, “Pediatric Read With the Experts”, Interactive Continuing Education Session, Society of Nuclear Medicine Annual Meeting, Washington, DC, June 3, 2007

**Nadel, H.R.**, “PET CT- How I Do It, Pediatric PET and PET-CT”, SNM Continuing Education Session, Society of Nuclear Medicine Annual Meeting, Washington, DC, June 4, 2007

**Nadel, H.R.**, “SPECT-CT in Children”, Presented to the 51st Annual Meeting Society for Pediatric Radiology, Scottsdale, Arizona, May 9, 2008

**Nadel, H.R.**, “Protocols for PET-CT in Children”, Presented to the 51st Annual Meeting Society for Pediatric Radiology, Scottsdale, Arizona, May 9, 2008

**Nadel, H.R.**, “Nuclear Medicine and Benign Bone Disease” Interactive Session, Symposium for to 6th European association of Pediatric Nuclear Medicine, Platja d’Aro, Spain, May 2008

**Nadel H.R.**, M. Parisi, M. Gelfand “PET/CT protocols and pitfalls Interactive Session, Symposium for to 6th European association of Pediatric Nuclear Medicine, Platja d’Aro, Spain, May 2008

**Nadel H.R.**, “Bone Imaging and SPECT-CT in Children”, Continuing Education lecture in Correlative Imaging Council Categorical course SNM Annual Meeting June 14, 2008

**Nadel H.R.**, “SPECT-CT in Children: What Studies Should We Do” Continuing Education lecture in Pediatric Council Categorical course, SNM Annual Meeting New Orleans, LA, June 14, 2008

**Nadel H.R.**, “PET and CT: Should We Do Everything As A Single Examination” Continuing Education lecture in Pediatric Council Categorical course, SNM Annual Meeting New Orleans, LA, June 14, 2008

**Nadel, H.R.**, "Pediatric Read with the Experts Interactive Continuing Education Session, Society of Nuclear Medicine Annual Meeting, New Orleans, LA, June 14, 2008

**Nadel H.R.**, "Multimodality Imaging for Pediatric PET-CT", Keynote Speaker 39th Annual Meeting of the Australia -New Zealand Society of Nuclear Medicine, Sydney, Australia, April 2009 also presented at Western Australia Chapter SNM, Perth, Western Australia April 21, 2009 and New Zealand Chapter SNM, Christchurch, NZ, May 5, 2009

**Nadel, H.R.**, IPC Murray Memorial Lecture-"SPECT-CT Imaging in Children: Scintigraphic Multitasking" 39th Annual Meeting of the Australia -New Zealand Society of Nuclear Medicine, April 2009

**Nadel, H.R.**, "PET-CTAND SPECT-CT Imaging in Children-The How and Why of the Technique" -Technologist Session, 39th Annual Meeting of the Australia-New Zealand Society of Nuclear Medicine, Sydney, Australia, April 2009  
**Nadel H. R.** "PET-CT- Interactive Session" 39th Annual Meeting of the Australia-New Zealand Society of Nuclear Medicine, Sydney, Australia, April 2009

**Nadel, H.R.**, "SPECT/CT Part II: I-123-MIBG (Diagnostic CT Scanner)" Part of SNM Categorical Seminar: Dose Reduction and SPECT/CT in Pediatrics for Clinicians and Technologists Society of Nuclear Medicine Annual Meeting, June 13, 2009, Toronto, Ontario

**Nadel, H.R.**, "FDG PET/CT in Lymphoma", Presented to the Annual Meeting Society for Pediatric Radiology, Boston, Mass, April 17, 2010

**Nadel, H.R.**, "PET/CT in bone tumors, Presented to Society of Nuclear Medicine Annual General Meeting, Salt Lake City Utah, June 7, 2010

**Nadel, H.R.**, "SPECT/CT in benign bone disease, Presented to Society of Nuclear Medicine Annual General Meeting, Salt Lake City Utah, June 7, 2010

**Nadel, H.R.**, "Pediatric PET Potpourri", SNM Midwinter Meeting Palm Springs, Ca. Jan 22, 2011

**Nadel, H.R.**, "Guidelines for Pediatric BMD" 2011 Canadian Association of Nuclear Medicine, Annual Scientific Meeting, Niagara Falls, Ontario, April 28, 2011

**Nadel, H.R.**, “Radiation Safety Summit: nuclear medicine and PET/CT justification and optimization”, International Pediatric Radiology Meeting, London, England, May 27, 2011

**Nadel, H.R.**, “SPECT/CT: Sunrise Session: Nuclear Medicine, Image Fusion”, International Pediatric Radiology Meeting, London, England, May 29, 2011

**Nadel, H.R.**, “Pediatric Sarcomas: PET/CT”: in pediatric categorical course “More Than Just Pretty Pictures: The Role of Pediatric Nuclear Medicine in Surgical, Oncologic, and Radiation Therapy - Part II”, Society of Nuclear Medicine Annual Meeting, June 4, 2011, San Antonio, Texas

**Nadel, H.R.**, “The Remaining Company of Other Soft Tissue Sarcomas” in categorical course “PET/CT in Oncology, Beyond the Usual Suspects - Part II” Society of Nuclear Medicine Annual Meeting, June 4, 2011, San Antonio, Texas

**Nadel, H.R.**, “Oncology/Infection” in Continuing education course “It's Friday and You Are Covering Pediatrics: Part I (Skeletal/GI/GU) and Part II (Oncologic/Infections/CNS/Miscellaneous)”, Society of Nuclear Medicine Annual Meeting, June 8, 2011, San Antonio, Texas

**Nadel, H.R.**, “Pediatric PET/CT and SPECT/CT – Imaging Multitasking”. Vancouver imaging Update, September 20, 2011, Vancouver, B.C.

**Nadel, H.R.**, “SPET/CT in Paediatric Oncology”, European Association of Nuclear Medicine, October 17, 2011, Birmingham, England

**Nadel, H.R.**, “The Expert’s View- INTERACTIVE: Pitfalls & Artifacts & Physiology in Paediatric Oncology: SPECT and SPECT/CT” October 19, 2011 Birmingham, England

**Nadel, H.R.**, “Dose Reduction in PET/ CT and SPECT/CT”, Danish Radiologic Society, Annual Meeting, Copenhagen, Denmark, January 26, 2012 also presented at Rigshospitalet, Copenhagen, Jan 24, 2012

**Nadel, H.R.**, “SPECT/CT Paediatric Oncology”, Danish Radiologic Society, Annual Meeting, Copenhagen, Denmark, January 26, 2012  
**Nadel H. R.** “Update in Pediatric Bone Imaging in: Musculoskeletal Disease”, F-18PET, FDG PET, and SPECT-CT, SNM Mid-winter Meeting, Orlando, FL, January 28, 2012

**Nadel, H.R.**, “Kidney Scintigraphy Update”, in GU Sunrise Session, Society for Pediatric Radiology Annual Meeting, April 18, 2012, San Francisco, CA

**Nadel, H.R.**, "Pediatric Bone Tumors and Soft Tissue Sarcomas: Therapeutic Response Monitoring and Outcomes" Society for Pediatric Radiology Annual Meeting, April 20, 2012, San Francisco, CA

**Nadel, H.R.**, "Tc-99m MDP Pediatric Bone Imaging". Presented at Society of Nuclear Medicine and Molecular Imaging Annual Meeting, Miami, FL, June 9, 2012

**Nadel, H.R.**, "SPECT/CT in Pediatrics:". Technical Meeting: Current Role of Hybrid Imaging and Radioguided Therapy, **IAEA**, Vienna Austria, Sept 4, 2012  
**Nadel H. R.** "PET/CT in Pediatrics: What you should know we do". Technical Meeting: Current Role of Hybrid Imaging and Radioguided Therapy, IAEA, Vienna Austria, Sept 5, 2012

**Nadel, H.R.**, "Pediatric Oncologic PET/CT and SPECT/CT: How I do it today vs how I will do it "tomorrow "2nd Tuebingen PET/MR Workshop Tuebingen Germany, April 12, 2013

**Nadel, H.R.**, " Neuroblastoma Pathology- Investigation and Management, in Image Dosimetry Guided Management of Neuroendocrine Tumors, SNMMI Categorical Seminar, SNMMI Annual Meeting Vancouver, BC, June 8, 2013

**Nadel, H.R.**, "Pediatric SPECT/CT: Musculoskeletal Applications, in Hybrid Imaging in Pediatric Nuclear Medicine, SNMMI Categorical Seminar, SNMMI Annual Meeting Vancouver, BC, June 8, 2013.

**Nadel, H.R.**, "Read with the experts": Pediatric Nuclear Medicine, SNMMI Annual Meeting Vancouver, BC, June 10, 2013

**Nadel, H.R.**, "Pediatric genitourinary scintigraphy update". SNMMI-TS Continuing Education session at SNMMI Annual meeting, Vancouver, B.C. June 11, 2013

**Nadel, H.R.**, "CT Dose Reduction in PET/CT Pediatric Dose Optimization Group Meeting (Non-CE Session) SNMMI Annual meeting Vancouver BC June 11, 2013

**Nadel, H.R.**, "The Role of PET/CT in Management of Paediatric Lymphoma: Dose Reduction Issues and Suggested Protocols". IAEA Consultancy and First Coordination meeting on the Role of PET/CT in Paediatric Lymphoma October 28, 2013 Vienna, Austria

**Nadel, H.R.**, "SPECT/CT for Pediatric Applications of Bone", PNW SNMMI Chapter meeting, Portland, Or, March 16, 2014



**Nadel, H.R.**, "Bone Scintigraphy State of the Art", Nuclear Medicine Session at the Society for Pediatric Radiology Nuclear Medicine Session, Washington, D.C., May 17, 2014

**Nadel, H.R.**, "SPECT/CT in pediatric oncology in Pediatric Hybrid Imaging", Continuing education session, SNMMI Annual Meeting, St. Louis, June 7, 2014

**Nadel, H.R.**, Pediatric Read with the Experts, Continuing education session, SNMMI Annual Meeting, St. Louis, June 9, 2014

**Nadel, H.R.**, SPECT/CT for Pediatric Sports Medicine, in Magnifying Pediatric Imaging in SNMMI-TS Continuing Education session, St. Louis, Mo, June 9, 2014

**Nadel, H.R.**, IAEA pediatric Nuclear Medicine Workshop: RAS6075 'Optimizing the Role of Nuclear Medicine Techniques in the Diagnosis and Clinical Management of Childhood Cancer and Inborn Diseases, Series of 9 lectures on Pediatric Nuclear Medicine, Seoul, Korea, Aug 4-8, 2014

**Nadel, H.R.**, "How Low Can We Go? Dose Reduction in Pediatric Nuclear Medicine and Hybrid Imaging", 39th Annual Western Regional Society of Nuclear Medicine and Molecular Imaging, Seattle, Washington, November 2, 2014

**Nadel, H.R.**, "Other Imaging Modalities in Pediatric Cancer": in Plenary Session IV Hybrid Imaging and Other Imaging Techniques in Pediatrics, IPET 2015, IAEA, Vienna, Austria, October 6, 2015

**Nadel, H.R.**, "Lessons From My Mentor - A Guiding Light To The Future: Optimized Hybrid Imaging In Children With Cancer", Fifth Massoud Majd Visiting Lectureship, Children's National Health System, Washington, D.C., March 24, 2016

**Nadel, H.R.**, "SPECT/CT in Pediatric Oncology", Sunrise session, International Pediatric Radiology Conjoint Meeting, Chicago, Ill, May 17, 2016

**Nadel, H.R.**, "Hybrid imaging in the Era of Personal Oncogenomics", ONcology and Nuclear Medicine SAM session, International Pediatric Radiology Conjoint Meeting, Chicago, Ill, May 20, 2016

**Nadel, H.R.**, "Response Assessment for Pediatric Lymphoma", SNMMI Continuing Education session, SNMMI Annual Meeting, San Diego, Ca, June 11, 2016

**Nadel, H.R.**, "Pediatric PET/CT: Guidelines and Promises", in: Technologies for

Better Health Session, International Pediatric Association Congress, Vancouver, BC August 21, 2016

**Nadel, H.R.**, "Pediatric Optimized Hybrid Imaging", and "Pediatric Read with the Experts", Red Cross Children's Hospital, Cape Town, South Africa visiting professor. Sept 21, 2016

**Nadel, H.R.**, "SPECT/CT in pediatric benign and malignant disease", South African Society of Nuclear Medicine 17th Biennial Congress, Pretoria South Africa, Sept 23, 2016

**Nadel, H.R.**, "Monitoring tumor response", Society of Nuclear Medicine and Molecular Imaging Mid-winter meeting, January 21, 2017, Phoenix, Arizona.

**Nadel, H.R.**, "Best practices in pediatric musculoskeletal trauma", Society of Nuclear Medicine and Molecular Imaging Mid-winter meeting, January 21, 2017, Phoenix, Arizona.

**Nadel, H.R.**, "Recent advances in Pediatric Nuclear Medicine", Nuclear Medicine Grand Rounds, March 27, 2017, Montefiore Medical Center, Bronx, NY

**Nadel, H.R.** "Case-based dose reduction in pediatric nuclear medicine: Practical and Necessary", SNMMI Continuing Education session, SNMMI Annual Meeting, June 13, 2017, Denver, Colorado.

**Nadel, H.R.** "SPECT/CT in benign and malignant disease to improve pediatric patient management". 31st Brazilian Nuclear Medicine Congress, Florianopolis, Brazil, Nov 3, 2017.

**Nadel, H.R.** " PET/CT to improve pediatric patient management". 31st Brazilian Nuclear Medicine Congress, Florianopolis, Brazil, Nov 3, 2017

**Nadel, H.R.** "Case Based review of Nuclear Medicine": PET/CT workshop- Lymphoma and Pediatric PET/CT in conjunction with SNMMI ) An interactive Session. RSNA Educational Course, Nov 28, 2017.

**Nadel, H.R.** "Benign and Malignant Thyroid Disease in Children, First Coordination Meeting and Workshop on General and Hybrid Imaging Techniques in Paediatric Patients/Children & Young Adults (including therapy)", February 5, 2018, Bangkok, Thailand.

**Nadel, H.R.** "Cardiac Scintigraphy in Children", First Coordination Meeting and Workshop on General and Hybrid Imaging Techniques in Paediatric

Patients/Children & Young Adults (including therapy)", February, 5, 2018, Bangkok, Thailand.

**Nadel, H.R** "Musculoskeletal Scintigraphy in Children including SPECT/CT", First Coordination Meeting and Workshop on General and Hybrid Imaging Techniques in Paediatric Patients/Children & Young Adults (including therapy)", February 6, 2018, Bangkok, Thailand.

**Nadel, H.R** "Pediatric Bone Density", First Coordination Meeting and Workshop on General and Hybrid Imaging Techniques in Paediatric Patients/Children & Young Adults (including therapy)", February 6, 2018, Bangkok, Thailand.

**Nadel, H.R** "Pediatric Bone Density- Read with the Experts", First Coordination Meeting and Workshop on General and Hybrid Imaging Techniques in Paediatric Patients/Children & Young Adults (including therapy)", February 6, 2018, Bangkok, Thailand.

**Nadel, H.R** "Pediatric GI Scintigraphy", First Coordination Meeting and Workshop on General and Hybrid Imaging Techniques in Paediatric Patients/Children & Young Adults (including therapy)", February 7, 2018, Bangkok, Thailand.

**Nadel, H.R** "PET/CT and SPECT/CT with the use of Diagnostic CT for Oncology in Pediatrics, which tracer? Which modality?: Read with the Experts", First Coordination Meeting and Workshop on General and Hybrid Imaging Techniques in Paediatric Patients/Children & Young Adults (including therapy)", February 7, 2018, Bangkok, Thailand.

**Nadel, H.R** "Nuclear Medicine Procedures in Children: Indications for PET/CT Studies" CANM-CAMRT Joint Annual Meeting, March 23, 2018, Vancouver, BC, Canada

**Nadel, H.R** "Back to Basics: Indications for Pet/CT studies", Western Regional Meeting Society of Nuclear Medicine and Molecular Imaging, October 27, 2018, Monterey, CA

**Nadel, H.R** Distinguishing Hodgkin Lymphoma from Non-Hodgkin Lymphoma on Imaging, Pediatric Oncologic Imaging, Nov 9, 2018, Memphis, Tn

**Nadel, H.R** Pediatrics in: Case based review of Nuclear Medicine: PET/CT workshop- interactive session educational course, RSNA Annual Meeting, Nov 27, 2018, Chicago, Il

**Nadel, H.R** Pediatric Gastrointestinal Imaging: in Review of Pediatric Nuclear

Medicine Educational refresher Course, RSNA annual meeting, Nov 30, 2018, Chicago, IL

**Nadel, H.R** Nuclear Medicine/Competencies: What Should I Order and When?, Educational Session ARRS Annual Meeting, May 9, 2019, Honolulu, HI

**Nadel, H.R** CE 59 PEDIATRIC PET/MR: PEDIATRIC IMAGING COUNCIL education course: Is it PET/MR or MR/ PET or Does It Matter? SNMMI Annual Meeting June 24, 2019 Anaheim, CA

**Nadel, H.R** CE 36 PET CT Response Assessment: Pediatric PET CT and MR, PET COE educational course, SNMMI Annual Meeting June 24, 2019 Anaheim, CA

**Nadel, H.R.** Review of Radiopharmaceuticals Used in Pediatric Nuclear Medicine, Clinical Trials Network, Society of Nuclear Medicine and Molecular Imaging Webinar Series Presentation, October 17, 2019

**Nadel, H.R** Pediatric Hybrid Imaging, Conference on Hybrid Imaging Live, European Society for Hybrid Imaging (ESHI), October 25, 2019, Vienna, AU

**Nadel, H.R** Getting to “just right” for pediatric PET/MRI-pediatric protocols and case review, SNMMI-ISMRM PET/MR symposium, October 27, 2019, NYU Langone Medical Center, New York, NY

**Nadel, H.R** MSCC33B:Case Based Review of Pediatric PET, RSNA Educational refresher course, RSNA Annual Meeting, Dec 3, 2019, Chicago, IL

**Nadel, H.R** RC311A:Review of Pediatric Nuclear Medicine: Gastrointestinal, RSNA Educational refresher course, RSNA Annual Meeting, Dec 3, 2019, Chicago, IL

**Nadel H.R** Can PET/MRI replace PET/CT? Refresher course in joint sponsored session “Optimising the management of children with cancer: how to improve?” , of ESHI-MT (European Society for Hybrid, Molecular and Translational Imaging) and ESPR (European Society of Paediatric Radiology) at European Congress of Radiology (ECR 2020). March 2020, Vienna, AU, Deferred due to COVID-19 pandemic

**Nadel H.R** PET/CT or PET/MR? in Instructional Course 208: NM & PET/CT: Rules and Rebels, ARRS 2020 Annual Meeting, May 5, 2020, Chicago, IL. Deferred due to COVID-19 pandemic

(e) Other Presentations- Peer Reviewed

**Nadel, H.R.**, Weisbrod, G. "Bone Island Mimicking Pulmonary Nodule". The Canadian Association of Radiologists. Montreal, 1980.

Goldfinger, M, **Nadel, H.R.**, Rothstein, R., Wortsman, J. "The Ultrasonographic Appearance of Ectopic Pregnancy". The Canadian Association of Radiologists. Winnipeg, 1982.

**Nadel, H.R.**, Stringer, D.A., Levison, M., Turner, J.A.P., Sturgess, J.M. "Radiology of the Immotile Cilia Syndrome". The Canadian Association of Radiologists. Quebec City, 1983.

**Nadel, H.R.**, "Renal Scintigraphy in Diffuse Superficial Nephroblastomatosis". Members' Miscellany Presentation at Society for Pediatric Radiology meeting. Boston, MA. April, 1985.

Halstead, A.C., Poskitt, K.J., **Nadel, H.R.**, "Serum Creatinine on the Kodak Ektachem 400: Implications for Creatinine Clearance". Canadian Society of Clinical Chemists/Canadian Association of Medical Biochemists. Vancouver, B.C. June, 1985.

Johnson, H., Gleave, M., Coleman, G.U., **Nadel, H.R.**, "Neonatal Renomegaly". American Academy of Pediatrics. Washington, D.C. November, 1986.

**Nadel, H.R.**, Poskitt, K.J., Chan, K.W. "The Value of Nuclear GFR Estimations in Children on Cisplatin Chemotherapy". The Society of Nuclear Medicine Western Regional meeting. San Diego, California. October, 1987.

Davidson, A.G.F., Wong, L.T.K., Opie, J., Schoni-Affolter, F.V., Schoni, M., **Nadel, H.R.**, "Gastroesophageal Reflux in Cystic Fibrosis". 10th International Cystic Fibrosis Congress. Sydney, Australia. March, 1988.

**Nadel, H.R.**, Poskitt, K.J., Flodmark, C.O. "Thallium Beyond the Heart: A Pediatric Experience". 75th Anniversary Scientific Assembly and Annual Meeting, Radiological Society of North America. Chicago, Illinois. November, 1989.

**Nadel, H.R.**, Poskitt, K.J., Flodmark, C.O., Urman, U. "Thallium Beyond the Heart: A Pediatric Experience". 5th Congress World Federation of Nuclear Medicine and Biology. Montreal. P.Q. August, 1990.

Stringer, D.A., Bray, H., McCrady, G., Poskitt, K.J., **Nadel, H.R.**, Culham, J.A.G., Newman, D.E. "Digital Radiography in Pediatric Musculoskeletal Disorders". C.A.R. Annual General Meeting. Hamilton, Ontario. June, 1991.

Werner, H.A., Pirie, G., **Nadel, H.R.**, LeBlanc, J.G. "Effect of Pulmonary Resection in Infancy and Childhood". American College of Chest Physicians 57th Annual Scientific Assembly. San Francisco, CA. November, 1991.

Werner, H.A., Pirie, G., **Nadel, H.R.**, LeBlanc, J.G. "Effect of Pulmonary Resection in Infancy and Childhood". Pediatric Critical Care Colloquium. Snowbird, Utah. January, 1992.

**Nadel, H.R.**, Frankel, M., Stringer, D.A., Chan, K.W. "Evaluation of Tl-201 Scintigraphy in Pediatric Extremity Osteogenic Sarcoma". Radiological Society of North America 78th Scientific Assembly and Annual Meeting. Chicago, Illinois. November, 1992.

**Nadel, H.R.**, Poskitt, K.J., Connolly, M.B., Farrell, K. "Functional Brain Imaging in Intractable Epilepsy in Children". The Society of Nuclear Medicine 18th Annual Western Regional Meeting. Vancouver, B.C. October, 1993.

Connolly, M.B., Poskitt, K.J., **Nadel, H.R.**, Farrell, K. "Cerebral Blood Flow (HMPAO-SPECT, Xenon-CT) in Children with Cryptogenic Lennox-Gastaut Syndrome". Annual meeting of the American Epilepsy Society, 1993.

Connolly, M.B., Poskitt, K.J., **Nadel, H.R.**, Farrell, K. "Xenon-Computed Tomography, HMPAO SPECT and MRI in Intractable Partial Epilepsy in Children". Presentation to Child Neurology Society. New York, NY. October, 1993.

Poskitt, K.J., **Nadel, H.R.**, Connolly, M.B., Farrell, K. "Neuroimaging In Cryptogenic Lennox-Gastaut Syndrome". Radiological Society of North America 79th Scientific Assembly and Annual Meeting. Chicago, Ill. November, 1993.

Mosskin, M., Poskitt, K.J., Connolly, M.B., Farrell, K., **Nadel, H.R.**, "PET, SPECT, & XeCT Imaging in Infantile Spasms". Symposium Neuroradiologicum. Kumamoto, Japan. September, 1994.

Stringer, D.A., **Nadel, H.R.**, Cairns, R.A., Sargent, M.A., Karmali, M., Newman, D.E. "Time-Motion Comparison Of US PACS And Conventional Multiformat Camera Imaging." Society for Pediatric Radiology Annual Meeting, Washington, D.C., April 30, 1995.

Long, G., **Nadel, H.R.**, Cairns, R.A., Spanghel, M., Tredwell, S.J. "Tc-99m MDP SPECT Imaging of Anterior Vascularized Rib Strut Grafts in Children with Progressive Kyphosis". International Pediatric Radiology 96, third conjoint meeting, Boston, Mass, May 27, 1996.

Long, G., **Nadel, H.R.**, Karmali, M. "Radiation Exposure Sustained By Sonographers When Pediatric Ultrasound is Performed in Conjunction with Scintigraphic Studies". International Pediatric Radiology 96, third conjoint meeting, Boston, Mass, May 29, 1996.

**Nadel, H.R.**, Stilwell, M. E. "Thymic Rebound: Characteristic Gallium SPECT Patterns in Children". Society of Nuclear Medicine 44th Annual Meeting, June 2, 1997, San Antonio, Texas.

Lotocka-Reysner H, Corr T, Delicati D, **Nadel, H.R.**, Pritchard S. "Correlation between ototoxicity and nephrotoxicity as measured by blood sampling GFR in pediatric patients post cisplatin chemotherapy". Presented at the American Society of Pediatric Hematology and Oncology meeting, September, 1997, San Francisco, California.

**Nadel, H.R.**, Cahill AM, Magee JF, Davis, J. "Pathologic Correlation Of Thallium Scintigraphy In Children With Osteogenic Sarcoma" World Federation of Nuclear Medicine and Biology Meeting, September 1, 1998, Berlin, Germany.

Gow K, Magee JF, **Nadel, H.R.**, Webber E. Meckel Diverticula: "A Fifteen Year Clinicopathological and Radiological Review" Canadian Association of Pediatric Surgery Meeting, September 1998, Toronto, Ontario.

**Nadel, H.R.**, Cahill AM, Magee JF, Davis, J. "Pathologic Correlation Of Thallium Scintigraphy In Children With Osteogenic Sarcoma and Ewing Sarcoma" Radiological Society of North America 84th Scientific Assembly and Annual Meeting. Chicago, Ill. December, 1998.

McEachern AM, **Nadel HR**, "Reflex Sympathetic Dystrophy : Characteristic Findings in Children". Presented at the Society for Pediatric Radiology Annual Meeting, May 16, 1999, Vancouver, Canada.

Gow K, Magee JF, **Nadel, H.R.**, Webber E. Meckel Diverticula: "A Fifteen Year Clinicopathological and Radiological Review" RSNA, November 30, 1999, Chicago, Illinois.

AT Byrne, DS Levine, **Nadel, H.R.**, 18F-FDG PET/CT in children – the use of intravenous contrast administration for diagnostic whole body imaging, presented to RSNA 92nd Scientific Assembly and Annual meeting, Chicago, Nov, 2006

AT Byrne, M Webber, K Brown, **Nadel, H.R.**, PET/CT in the Management of Pediatric Bone and Soft tissue Tumors presented to SPR 50th Annual Meeting, Miami, Florida, April 2007

AT Byrne, DS Levine, **Nadel, H.R.**, The Use of FDG PET-CT in a Pediatric Population-Combined Imaging Interpretation presented to SPR 50th Annual Meeting, Miami, Florida, April 2007

AT Byrne, DS Levine, **Nadel, H.R.**, Whole body low dose<sup>18</sup>F-FDG PET/CT using intravenous contrast in pediatric oncology presented to SNM Annual General Meeting, Washington, DC, June, 2007

AT Byrne, M Webber, K Brown, **Nadel, H.R.**, Preliminary Experience Using PET-CT in Pediatric Bone and Soft Tissue Tumors presented at 6th European association of Pediatric Nuclear Medicine, Platja d'Aro, Spain, May 2008

Paul A. Meyers, Cindy Schwartz, Mark Krailo, John H. Healey, Mark Bernstein, Donna Betcher, Ernest Conrad, William S. Ferguson, Mark C. Gebhardt, Allen Goorin, Michael Harris, Eugenie Kleinerman, Michael Link, **Helen Nadel**, Michael Nieder, Judith Sato, Gene P. Siegal, Michael Weiner, Robert Wells, Richard Womer, Holcombe Grier Osteosarcoma (os): improved outcome with Addition of muramyl tripeptide (mtp) to cisplatin (p), doxorubicin (a) High dose methotrexate (m) +/- ifosfamide., presented at the 2007 CTOS Annual Meeting, Seattle, WA, November 1-3, 2008

Ward LM, Matzinger M, Alos N, Atkinson S, Clarson C, Couch R, Cummings E, Glorieux FH, Grant R, Halton J, Lentle B, **Nadel H**, Rodd C, Siminoski K, Stephure D, Taback S, Shenouda N, Rauch F and the Canadian STOPP Consortium (2008). Advanced Vertebral Compression at Diagnosis among Children with Acute Lymphoblastic Leukemia. Oral presentation at the 30th American Society for Bone and Mineral Research Annual Meeting, Montreal, Quebec, September 2008. J Bone Mineral Res Vol 23: WG 23, S508

J. Feber, J. Roth, P.M. Miettunen, A. Ni, N. Alos, S. Atkinson, R. Stein, B. Couch, E. Cummings, F.H Glorieux, J. Hay, B. Lentle, M. Matzinger<sup>1</sup>, **H. Nadel**, F. Rauch, C.Rodd, D. Stephure, S. Taback, N. Shenouda, K. Siminoski, L.M. Ward and the Canadian STOPP Consortium Short-term Skeletal Changes in Children with Newly Diagnosed Glucocorticoid-treated Nephrotic Syndrome: Results of a National Chronic Illness Osteoporosis Surveillance Program Presented at 5th International Conference on Children's Bone Health Cambridge, England from 23 – 26 June 2009.

L.M. Ward, J. Roth, P. Miettunen, A. Ni, M. Matzinger, N. Alos, S. Atkinson, R. Stein, B. Couch, E. Cummings, F.H. Glorieux, J. Hay, B. Lentle, **H. Nadel**, F. Rauch, C. Rodd, D. Stephure, S. Taback, N. Shenouda, K. Siminoski and the Canadian STOPP Consortium Incident Vertebral Compression 1 Year Following Glucocorticoid Initiation among Children with Rheumatic Conditions: Results of a



National Chronic Illness Osteoporosis Surveillance Program. Presented at 5th International Conference on Children's Bone Health Cambridge, England from 23 – 26 June 2009

Angela Byrne; Ken Brown; Rod Rassekh; Christoph Senger; **Helen Nadel**; PET-CT in the Management of Pediatric Bone and Soft Tissue Tumors BC Children's Hospital, Canada Presented to Society of Nuclear Medicine Annual Meeting, Toronto, June 2009

Moinul Hossain, A.K.M., B. Shulkin, Gelfand, M.J., Bashir, H, Daw, N.C., Sharp, S.E., **Nadel, H.R.** Dome, J.S. "FDG positron emission tomography/computed tomography studies of Wilms' tumor. Presented at RSNA, Chicago, Dec 2009.

Matzinger MA, Shenouda N, Lentle B, Dubois J, **Nadel H.** High Incidence of Vertebral Fractures in Children with Acute Lymphoblastic Leukemia 12 Months After the Initiation of Therapy. Presented at Society for Pediatric Radiology Annual Meeting, San Francisco, Ca April 19, 2012.

J. Stanger, **H. Nadel**, E. Skarsgard, S. Butterworth. Intra-operative 18-F-DG probe in the operative management of pediatric malignancies, Canadian Association of Pediatric Surgeons (CAPS), Charlottetown, PEI, September, 2013

LM Ward<sup>1</sup>, J Ma, N Alos, B Lang, PM Miettunen, S Atkinson, D Cabral, C Clarson, R Couch, E A Cummings, J Feber, B Lentle, M Matzinger, **H Nadel**, C Rodd, N Shenouda, R Stein, D Stephure, S Taback, F Rauch, K Siminoski, and the Canadian STOPP Consortium. Glucocorticoid Therapy and the Risk of Incident Vertebral Fracture in Children with Rheumatic Disorders, ASBMR, 2014

**Nadel HR.** The added value of optimized co-registered diagnostic CT scan for I-123 mIBG SPECT-CT in children with neuroblastoma, SNMMI Annual Meeting, St. Louis, June 10, 2014

Halparin J, Rassekh R, **Nadel H.** Characterizing Standard Uptake Values in Diagnostic PET/CT scans according to Pediatric Lymphoma Subtypes, SIOP meeting, Toronto, Ontario, October 24, 2014

Ulrike Pötschger, Arlene Naranjo, Gregory A. Yanik, Maria-Rita Castellani, Ariane Boubaker, Bieke Lambert, Valerie Lewington, Zvi Bar-Sever, Aurore Oudoux, Anna Kaminska, Katarina Taborska, Lorenzo Biassoni, Marguerite T. Parisi, Barry L. Shulkin, **Helen R Nadel**, Michael J Gelfand, Julie R. Park, Susan G Kreissman, Dominique Valteau-Couanet, Katherine K. Matthay, Ruth Ladenstein. The Way towards an International mIBG Skeletal Score for High Risk Neuroblastoma: The Statistical Perspective abstract acceptance for Advances in

Neuroblastoma Research Association meeting, Cairns, Australia, June 19-23, 2016

Elizabeth Sokol, Roger Engelmann, Navin R. Pinto, Adam Starkey, Melanie Nall, Hollie Lai, **Helen R Nadel**, Barry L. Shulkin, Yonglin Pu, Daniel Applebaum, Gregory A. Yanik, Susan Lerner Cohn, Samuel Armato, III, Samuel Louis Volchenboun; Computer-assisted Curie scoring for metaiodobenzylguanidine (mIBG) scans in patients with neuroblastoma. ASCO meeting, Chicago, IL, June 3-7, 2016.

Matzinger, MA, Jinhui, M, Charron, M, Coblentz, C, Dubois, J, Kloiber, R, Mckillop, S, **Nadel, H**, O'Brien, M, Ree, M, Shenouda, N, Lentle, B, Jaremko, J, Ward, L. Bone morbidity and recovery in children with leukemia: Results of a six-year prospective longitudinal study. SPR Annual Meeting, Vancouver, BC, May 18, 2017

Eksioglu, S and **Nadel H**. Our experience with co-registered diagnostic CT scan and I-123 mIBG SPECT/CT in children with neuroblastoma, SPR Annual Meeting, Vancouver, BC, May 19, 2017

**H. Nadel** , E. Etchebehere , J. Cerci , A. Brink , C. Bal , V. Rangarajan, T. Pfluger , O. Kagna8, O. Alonso , F. Begum K. Bashir Ali, V. Magboo, L. Menezes, D. Paez, T. Pascual Validation of Standardized Interpretation Criteria for Early Response Evaluation with 18FDG-PET/CT in Pediatric Lymphoma- A Report on an IAEA Multicenter Prospective Study- Oral Presentation 576, Oct 16, 2018 EANM annual congress, Dusseldorf, Germany

J. Cerci , **H. Nadel** , E. Etchebehere,, A. Brink , C. Bal , V. Rangarajan, T. Pfluger , O. Kagna8, O. Alonso , F. Begum K. Bashir Ali, V. Magboo, L. Menezes, D. Paez, T. Pascual Is True Whole-body 18F-FDG-PET/CT required in pediatric lymphoma?- An IAEA multicentre prospective study- , Oral Presentation 577, Oct 16, 2018 EANM annual congress, Dusseldorf, Germany

M. E. Koran, **H.R. Nadel**, Finding “Just right”: the Goldilocks of MRI sequences in pediatric PET/MRI, Oral Presentation, RSNA Annual Meeting, December 5, 2019, Chicago, IL

(f) Other - Scientific Exhibits

1. “New Techniques for Detection of Large Vessel Arteritis”. Southwood, T.R., Buckley, A.R., Culham, J.A.G., **Nadel, H.R.**, Malleson, P.N., Petty, R.E.
  - a) Western Region American Rheumatism Association, San Diego, California. November, 1987.

- b) Research Day at Arthritis Society (B.C. & Yukon Division) Vancouver, November, 1987.
  - c) 52nd Annual Scientific Meeting of the American Rheumatism Association, Houston, May, 1988.
2. "Primary Megaureter in Infancy". Coleman, G.U., Johnson, H.W., **Nadel, H.R.** Western Section American Urological Association, San Francisco, California. February, 1988.
  3. "A Technique for Pediatric Gastric Emptying Scintigraphy". **Nadel, H.R.**, Hassall, E.G., Rimanic, A.L.
    - a) 35th Annual Meeting, Society of Nuclear Medicine, San Francisco, California. June, 1988.
    - b) 52nd Annual Meeting Canadian Association of Radiologists, Quebec City, P. Quebec, October, 1989.
  4. "Thallium Scintigraphy in Childhood Neoplasms". **Nadel, H.R.**, Poskitt, K.J., Flodmark, C.O. Society of Nuclear Medicine, 37th Annual Meeting. Washington, DC, June, 1990.
  5. "The Value of Stimulable Phosphor Technology in the Investigation of Musculoskeletal Disease in Children, with a Study on Dose Reduction". Stringer, D.A., **Nadel, H.R.**, Cairns, R.A., Poskitt, K.J., Bray, H., Mckenzie, W. Society for Pediatric Radiology annual meeting, Orlando, Florida, May 1992.
  6. "Spectrum of Benign Thallium-Avid Lesions of the Skeleton". **Nadel, H.R.**, Cairns, R.A. Annual meeting of the Society for Pediatric Radiology, Colorado Springs, April, 1994.
  7. "Tl-201 Uptake in Untreated Pediatric Brain Tumors". Rosenbaum, D, Shaw, D., Geyer, J., **Nadel, H.R.**, Jakacki, R., Siddiqui, A., Weinberger, E. American Society of Neuroradiology Annual General Meeting. Nashville. May, 1994.
  8. Pediatric Case of the Day: "Congenital fibrosarcoma". Fink, A.M., Stringer, D.A., Cairns, R.A., **Nadel, H.R.**, Magee, J.F. Radiologic Society of North America 80th Scientific Assembly and Annual Meeting, Chicago, November, 1994.
  9. Pediatric Case of the Day: "Cardiac Malignant Fibrous Histiocytoma". Murdoch, J., **Nadel, H.R.**, Culham, J.A., Stringer, D.A. Radiologic Society of North America 80th Scientific Assembly and Annual Meeting, Chicago, November, 1994.
  10. "Delayed Gastric Emptying in Children". Davidson, A.G.F., **Nadel, H.R.**, Wong, L.T.K., Ninth Annual North American Cystic Fibrosis Conference, Dallas, Texas, Oct 12-15, 1995.

11. "Myocardial Perfusion Imaging with Tc-99m Sestamibi (MIBI) in a Pediatric Population". Nield, L., **Nadel, H.R.**, Human, D. Department of Pediatrics Fourth Annual Research Day, Vancouver, B. C., June 14, 1996. (received resident prize for best poster)

12. "Myocardial Perfusion Imaging with Tc-99m Sestamibi in a Pediatric Population" Nield, L.E., **Nadel, H.R.**, Human, D.G. Presented at the Society of Nuclear Medicine 44th Annual Meeting, June 1-5 1997, San Antonio, Texas.

13. Chanoine JP, Cheng PS, de Sa DJ, **Nadel H.R**, Ostry A, Prendiville J. Hereditary heterotopic ossification: Are there overlaps between the different types? Presented at the Society for Pediatric Pathology, Atlanta, Georgia, March 2001.

14. Sargent MA, Cronhjort M, **Nadel H.R**, Cairns RA, Poskitt KJ. Imaging of Back Pain in Children. Presented at the International Pediatric Radiology Conference. Paris, France. May, 2001.

15. Alsufyani K.A., Ortiz-Alvarez O., Cabral D.A., Tucker L.B., Petty R.E., **Nadel H.R.**, And Malleson P.N., "Bone Mineral Density Measured By Dual Energy X-Ray Absorptiometry (Dexa) In Patients With Juvenile Onset Systemic Lupus Erythematosus (Jsle)" Poster Session Presentation European Symposium on Pediatric Nuclear Medicine, Plaja D'Oro, Spain, May 15, 2003.

16. **Nadel H.R.**, "An Interesting Case Of An Enteric Duplication Cyst Presenting With Painless Rectal Bleeding After Appendectomy" Riley M.R., Lewis F.C., Webber E., **Nadel H.R.**, Jevon G., Schreiber R. Poster Session Presentation European Symposium on Pediatric Nuclear Medicine, Plaja D'Aro, Spain, May 15, 2003.

17. R Lim, DS Levine, **HR Nadel**, M Charron, Vesicoureteral Reflux and Renal Scarring: Practices and Controversies in Pediatric Genitourinary Imaging, displayed at RSNA 92nd Scientific Assembly and Annual meeting, Chicago, Nov, 2006.

18. DC Moe, **H Nadel**, MT Parisi, Corner Shots in Pediatric Nuclear Medicine: Anticipating the Unexpected displayed at SPR 50th Annual Meeting, Miami, Florida, April 2007.

19. Optimized Timing of PET/CT Scans in Pediatric Bone and Soft Tissue Tumors **HR Nadel**, K Brown, AT Byrne, D Levine, C Senger, R Rassekh, M Webber, H Lee, Department of Radiology<sup>1</sup> Orthopedics<sup>2</sup>Oncology<sup>3</sup> Pathology<sup>4</sup>, BC Children's Hospital, Vancouver, BC, Canada presented at Cancer Imaging

and Radiation Therapy Symposium, A multidisciplinary approach, sponsored by ASTRO and RSNA, Atlanta, Ga, April 29-30, 2011

20. **STOPP Consortium** posters presented at ASBMR Oct 2010, Toronto, Ont  
Anatomical Distribution of Vertebral Fractures in the Pediatric Population

21. **STOPP Consortium** posters presented at ASBMR Oct 2010, Toronto, Ont  
Prevalent Vertebral Fractures in an Inception Cohort of Children with  
Glucocorticoid-Treated Illnesses: Relationship with Spine BMD and Comparison  
of Two Methods for Vertebral Fracture Assessment

22. Luu K, Chilvers, M, **Nadel, H**, Jenkins, S, Ainsworth, N, Davidson, G  
Cisapride and its effect on gastric emptying in pediatric cystic fibrosis patients.  
2011 North American Cystic Fibrosis Conference, November 2011, Anaheim, CA

23. N Alos, R Grant, J Halton, S Atkinson, D Cabral, R Couch, E Cummings, M  
Matzinger, P Miettunen, **H Nadel**, C Rodd, N Shenouda, D Stephure, R Stein, S  
Taback, F Rauch, B Lentle, K Siminoski, LM Ward, and the Canadian STOPP  
Consortium. Incidence of Vertebral Fractures in Children with Leukemia after 12  
Months of Chemotherapy: Results of the Canadian Steroid-associated  
Osteoporosis in the Pediatric Population (STOPP) ASBMR meeting, San Diego,  
Sept 2011

24. Makarenko S, Sekhon I, **Nadel H**, Skarsgard E, Novel use of a portable PET  
probe in intraoperative localization of persistent adrenocortical carcinoma.  
Presented at Carmel Western Student Medical Research Forum, January 26-28,  
2012 Carmel, CA. and UBC Radiology Research Day, June 2012

25. Khashoggi K, Santos R, Byrne A, Bray H, **Nadel H**, Jamieson D. A pictorial  
essay: Pediatric gastric lesions. Society for Pediatric Radiology Annual Meeting,  
April 2012, San Francisco CA

26. LM Ward<sup>1</sup>, J Ma<sup>1</sup>, N Alos<sup>2</sup>, PM Miettunen<sup>3</sup>, RM Grant<sup>4</sup>, J Halton<sup>1</sup>, S  
Atkinson<sup>5</sup>, D Cabral<sup>6</sup>, C Clarson<sup>7</sup>, R Couch<sup>8</sup>, E A Cummings<sup>9</sup>, J Feber<sup>1</sup>, B  
Lentle<sup>6</sup>, M Matzinger<sup>1</sup>, **H Nadel**<sup>6</sup>, C Rodd<sup>10</sup>, N Shenouda<sup>1</sup>, R Stein<sup>7</sup>, D  
Stephure<sup>3</sup>, S Taback<sup>11</sup>, K Siminoski<sup>8</sup>, F Rauch<sup>10</sup>, and the Canadian STOPP  
Consortium<sup>12</sup> Glucocorticoid Therapy and the Risk of Incident Vertebral Fracture  
in Children with Acute Lymphoblastic Leukemia 6th international Conference on  
Children's Bone Health 22 - 25 June 2013 Rotterdam, Netherlands

27. Savage, T, **Nadel H**. Adrenocortical carcinoma in children: Imaging of a rare  
adrenal tumor and experiences in the role of FDG-PET/CT in staging and follow-  
up. Society for Pediatric Radiology Annual Meeting, Seattle, April 2015.

28. Halparin J, Rassekh R, **Nadel H**. Characterizing standardized uptake values on diagnostic PET/CT scans according to pediatric lymphoma subtypes. Society of Nuclear Medicine and Molecular Imaging Annual Meeting, Baltimore, June 2015.

29. Darras K, **Nadel H**. Imaging Monsters: The role of PET/CT in evaluating pediatric germ cell tumors, Society of Nuclear Medicine and Molecular Imaging Annual Meeting, Baltimore, June 2015.

30. Pediatric Chest X-ray Findings Guide Wise Choices for Secondary Investigation. Naoya Shatani, H. Bray, **H Nadel**, J. Potts, Canadian Association of Radiologists Annual Meeting, Montreal, PQ, April 2016

31. Liang, T, **Nadel H**, Bray H Not Just Nodes! Imaging Review of the Pulmonary Manifestations of Pediatric Lymphoma and Lymphoma-like Disorders, RSNA Annual Meeting, Chicago, Nov 2016.

32. Dabadie, A, Todorovic, E, Lee A, Yang C, **Nadel H**, Jamieson D, Bray H., Interstitial lung disease in children: an illustrated review of the classification of the American Thoracic Society, RSNA Annual Meeting, Chicago, Nov 2016

33. Dabadie A, **Nadel H**, Bray H. Every pediatric gastric mass is not a stromal tumor! A pictorial essay: common and uncommon gastric lesions found in pediatric population. RSNA Annual Meeting, Chicago, Nov 2016

34. McQuinn, G, Stanescu, L, Iyar, R, **Nadel, H**, Parisi, M. Expecting the unexpected: Classic and unusual nuclear medicine appearances of common pediatric malignancies. SPR Annual Meeting, Vancouver, BC, May 2017

35. **Nadel, H**, M. Kong, W. Anderton Initial Experience in Children Using Solid State SPECT/CT Gamma Camera for I-123 mIBG Imaging, Electronic Poster presentation E-1002 2018 EANM annual congress, Dusseldorf, Germany

36. **Nadel, H**, Kong MC, Potts JE, Strahlendorf C. Use of optimized post-contrast enhanced PET/CT to improve diagnostic accuracy, staging, and follow-up of children with cancer. SNMMI 66 th Annual Meeting, Anaheim, CA, June 2019

8. WORK IN PROGRESS (including degree of completion)

1. Use of optimized post-contrast enhanced PET/CT to improve diagnostic accuracy, staging, and follow-up of children with cancer. A review of single institutional 12 year experience. M Kong (student), J Potts, **HR Nadel**. (60%)

2. Intraoperative Use of High Energy Gamma Probe for 18-FDG localization for lesion detection. D. Healey (fellow trainee), R. Baird, S Butterworth, E. Skarsgard, **HR Nadel**. (10%).
3. Evaluation of the use of co-registered diagnostic CT scan and I-123 mIBG SPECT/CT in children with neuroblastoma, S Eksioglu (fellow trainee), **HR Nadel**. (50%)
4. Added value of co-registered MDP SPECT/CT in pediatrics. S Desai (fellow trainee), **HR Nadel** (10%)
5. M. E. Koran, J. Sandberg, F. Moradi, **H.R. Nadel**, Finding “Just right”: the Goldilocks of MRI sequences in pediatric PET/MRI (60%)
6. V. Young, U.Khalsa, **H.R. Nadel**, PET/MR findings in vasculitis (20%)
7. K. Guja, **H.R. Nadel**, Spectrum of PET/MR findings in LCH.