



Helen Nadel

Clinical Professor, Radiology - Pediatric Radiology

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **LPCH Radiology**

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Palo Alto, CA 94304

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ACADEMIC CONTACT INFORMATION

- **Administrative Associate**

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Bio

BIO

Dr. Nadel is a dual board -certified Pediatric Radiologist and Nuclear Medicine Physician in both the USA and Canada. She holds certifications from the Royal College of Physicians and Surgeons of Canada in Diagnostic Radiology and Nuclear Medicine, The American Board of Radiology (ABR) with certificate of added qualification in Pediatric Radiology and the American Board of Nuclear Medicine (ABNM). Dr. Nadel was an Associate Professor of Radiology at University of British Columbia and had been practicing as a pediatric radiologist and pediatric nuclear medicine physician at British Columbia Children's Hospital in Vancouver, British Columbia since 1983 after medical school at University of Manitoba (1977, Winnipeg, Manitoba), internship and residency at University of Toronto (1978-1982) and Pediatric Radiology fellowship (Chief Fellow) at Hospital for Sick Children (1982-1983, Toronto, Ont.) She has been working with the entire breadth of general and hybrid nuclear medicine studies in children in a fully integrated department of Pediatric Radiology and lecturing to promote this field for her entire career. Dr. Nadel currently uses PET/MR exclusively for PET imaging at Lucile Packard Children's Hospital at Stanford University.

CLINICAL FOCUS

- Nuclear Medicine
- Pediatric Radiology
- PET/MRI

ACADEMIC APPOINTMENTS

- Clinical Professor, Radiology - Pediatric Radiology

ADMINISTRATIVE APPOINTMENTS

- Director of Pediatric Nuclear Medicine, Lucile Packard Children's Hospital at Stanford, (2018- present)
- Head, Division of Nuclear Medicine, Department of Radiology, British Columbia Children's Hospital, (1983-2018)

HONORS AND AWARDS

- Honorable Mention Top Ten Poster Award Finalist-Authors Young, Khalsa, Balboni, Nadel, Society of Nuclear Medicine and Molecular Imaging (June 2020)
- Lifetime Achievement Award for contributions to EOSPNM for 20 years, European Society of Pediatric Nuclear Medicine (EOSPNM) (May 2019)
- first place poster- General Clinical Specialties, Society of Nuclear Medicine and Molecular Imaging (June 2019)

- 2017 Butterfly Award, Nuclear Medicine Working Group, Image Gently (Dec 2017)
- RSNA 2016 Educational Exhibit Certificate of Merit: Authors Liang, T, Nadel HR, Bray H, Radiological Society of North America (Dec 2016)
- Fifth Annual Dr. Massoud Majd Lectureship, Department of Radiology, Children's National Health System, Washington, DC (2016)
- First Place Educational Exhibit: Authors: N Shatani, H Bray, H Nadel, J Potts, Canadian Association of Radiologists (April 2016)
- Mickey (Cardiff) Williams Distinguished Service Award, Western Regional Society of Nuclear Medicine and Molecular Imaging. (October 2014)
- Best poster: Preliminary Experience Using PET-CT in Pediatric Bone and Soft Tissue Tumors, European Society of Pediatric Nuclear Medicine (2008)
- Wyeth Excellence in Teaching Award, awarded to BC Children's Hospital pediatric radiologists, Department of Pediatrics, University of British Columbia (2001)
- UBC Radiology Residency Award for Excellence in Teaching-pediatric radiologists, University of British Columbia Department of Radiology (1999-2000)
- Teaching Excellence Award, Nuclear Medicine Residency Training Program, Department of Radiology University of British Columbia (1993-94)
- In "Most Significant" 14 articles chest diseases 1985:Immotile Cilia Syndrome Radiology.1985;154(3), Radiology (Journal) RSNA (1986)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Board of Directors, American Board of Nuclear Medicine (2011 - 2017)
- Chair, Nuclear Medicine Committee, Society for Pediatric Radiology (2015 - 2020)
- Co-chair, Pediatric PET task force, PET Center of Excellence in Society of Nuclear Medicine and Molecular Imaging (2014 - present)
- Member, Nuclear Medicine Committee, Radiologic Society of North America (2017 - present)
- Member, Board of Directors- CT section, Intersocietal Accreditation Commission (2020 - present)
- Member, Membership Task Force, Society of Nuclear Medicine and Molecular Imaging (2020 - present)
- Member, ACR Committee on Practice Parameters, American College of Radiology (2018 - present)
- Member, Editorial Board, Journal of Nuclear Medicine (2017 - present)
- Member, Pediatric GI and GU Rapid Response AUC Guideline Sub-Committee, American College of Radiology (2017 - present)
- Member, Radiographics Nuclear Medicine and Molecular Imaging Panel, Radiologic Society of North America (2015 - present)
- Member, Continuing Education Committee, Society of Nuclear Medicine and Molecular Imaging (2013 - present)
- Member, Membership Committee, Society of Nuclear Medicine and Molecular Imaging (2013 - present)
- Member, Board of Directors, Society of Nuclear Medicine and Molecular Imaging (2013 - 2016)
- Vice Chair, Diagnostic Imaging Committee, Children's Oncology Group (2000 - 2015)
- Member, Diagnostic Imaging Committee, Children's Oncology Group (1991 - present)

PROFESSIONAL EDUCATION

- Board Recertification, American Board of Radiology , Pediatric Radiology (2011)
- Board Recertification, American Board of Nuclear Medicine , Nuclear Medicine (2010)
- Board Certification, American Board of Radiology , Pediatric Radiology (2001)
- Board Certification, Royal College of Physicians and Surgeons of Canada , Nuclear Medicine (1989)
- Board Certification, American Board of Nuclear Medicine , Nuclear Medicine (1989)
- Board Certification, American Board of Radiology , Diagnostic Radiology (1983)
- Board Certification, Royal College of Physicians and Surgeons of Canada , Diagnostic Radiology (1982)
- Residency, University of British Columbia , Nuclear Medicine (1989)
- Fellowship, Hospital for Sick Children-University of Toronto , Pediatric Radiology (1983)
- Residency, University of Toronto , Diagnostic Radiology (1982)
- Internship, Toronto General Hospital- University of Toronto , Rotating Internship (1978)

- Medical Education MD, University of Manitoba , Medicine (1977)

COMMUNITY AND INTERNATIONAL WORK

- IAEA Consultant and Coordinated Projects PI, Vienna, Seoul, Bangkok

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Clinical research and scholarly interests include topics in Pediatric Nuclear Medicine to include AI evaluation for scintigraphic quantitation, PET MR evaluation of optimized techniques for use in pediatric patient management

Publications

PUBLICATIONS

- **The Utility of PET/CT in Guiding Radiotherapy Reduction for Children With Hodgkin Lymphoma Treated With ABVD** *JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY*
Ingleby, K. M., Nadel, H. R., Potts, J. E., Wilson, D. C., Eftekhari, A., Deyell, R. J.
2020; 42 (2): E87–E93
- **Ifosfamide, gemcitabine, and vinorelbine is an effective salvage regimen with excellent stem cell mobilization in relapsed or refractory pediatric Hodgkin lymphoma.** *Pediatric blood & cancer*
Marr, K., Ronsley, R., Nadel, H., Douglas, K., Gershony, S., Strahlendorf, C., Davis, J. H., Deyell, R. J.
2020: e28167
- **The Accuracy of Prevalent Vertebral Fracture Detection in Children Using Targeted Case-Finding Approaches** *JOURNAL OF BONE AND MINERAL RESEARCH*
Ma, J., Siminoski, K., Wang, P., Alos, N., Cummings, E. A., Feber, J., Halton, J., Ho, J., Houghton, K., Lang, B., Miettunen, P. M., Scuccimarri, R., Jaremko, et al
2020; 35 (3): 460–68
- **Imaging for diagnosis, staging and response assessment of Hodgkin lymphoma and non-Hodgkin lymphoma.** *Pediatric radiology*
McCarten, K. M., Nadel, H. R., Shulkin, B. L., Cho, S. Y.
2019; 49 (11): 1545–64
- **ALK-Positive Lung Adenocarcinoma Arising in an Adolescent Treated for Relapsed Neuroblastoma.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
Alwelaie, Y., Deyell, R. J., Nadel, H. R., Tucker, T., Laskin, J., Rassekh, S. R., Zhou, C., English, J. C., Lee, A. F.
2019; 14 (6): e132–e135
- **Use of optimized post-contrast enhanced PET/CT to improve diagnostic accuracy, staging, and follow-up of children with cancer**
Nadel, H., Kong, M., Potts, J., Strahlendorf, C.
SOC NUCLEAR MEDICINE INC.2019
- **Assessment of the Reconstructed Pulmonary Circulation With Lung Perfusion Scintigraphy After Unifocalization and Repair of Tetralogy of Fallot With Major Aortopulmonary Collaterals.** *World journal for pediatric & congenital heart surgery*
Wise-Faberowski, L., Irvin, M., Lennig, M., Long, J., Nadel, H. R., Bauser-Heaton, H., Asija, R., Hanley, F. L., McElhinney, D. B.
2019; 10 (3): 313–20
- **Impact of Vertebral Fractures and Glucocorticoid Exposure on Height Deficits in Children During Treatment of Leukemia** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Ma, J., Siminoski, K., Alos, N., Halton, J., Ho, J., Cummings, E. A., Shenouda, N., Matzinger, M., Lentle, B., Jaremko, J. L., Wilson, B., Stephure, D., Stein, et al
2019; 104 (2): 213–22
- **Is True Whole-body FDG-PET/CT required in paediatric lymphoma? An IAEA Multicentre Prospective Study.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
Cerci, J. J., Etchebehere, E. C., Nadel, H., Brink, A., Bal, C. S., Rangarajan, V., Pfluger, T., Kagna, O., Alonso, O., Begum, F. K., Bashir Mir, K., Magboo, V. P., Menezes, et al
2019

- **Update 2018: 18F-FDG PET/CT and PET/MRI in Head and Neck Cancer.** *Clinical nuclear medicine*
Sanli, Y., Zukotynski, K., Mittra, E., Chen, D. L., Nadel, H., Niederkoehr, R. D., Subramaniam, R. M.
2018; 43 (12): e439–e452
- **Computer-assisted Curie scoring for metaiodobenzylguanidine (MIBG) scans in patients with neuroblastoma** *PEDIATRIC BLOOD & CANCER*
Sokol, E. A., Engelmann, R., Kang, W., Pinto, N., Starkey, A., Lai, H., Nadel, H., Shulkin, B. L., Pu, Y., Appelbaum, D., Yanik, G. A., Cohn, S. L., Armato, et al
2018; 65 (12): e27417
- **Pediatric Esophageal Squamous Cell Carcinoma Staged With 18F-FDG PET/CT** *CLINICAL NUCLEAR MEDICINE*
Kong, M., Nadel, H.
2018; 43 (12): 946–48
- **Update 2018: 18F-FDG PET/CT and PET/MRI in Head and Neck Cancer** *CLINICAL NUCLEAR MEDICINE*
Sanli, Y., Zukotynski, K., Mittra, E., Chen, D. L., Nadel, H., Niederkoehr, R. D., Subramaniam, R. M.
2018; 43 (12): E439–E452
- **True Whole-Body Versus Standard F-18-FDG PET/CT Acquisition For Staging Pediatric Lymphoma**
Cerci, J., Etchebehere, E., Nadel, H., Brink, A., Bal, C., Rangarajan, V., Pfluger, T., Kagna, O., Alonso, O., Begum, F., Mir, K., Magboo, V., Menezes, et al
SPRINGER.2018: S187–S188
- **Guidelines on nuclear medicine imaging in neuroblastoma** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Bar-Sever, Z., Biassoni, L., Shulkin, B., Kong, G., Hofman, M. S., Lopci, E., Manea, I., Kozirowski, J., Castellani, R., Boubaker, A., Lambert, B., Pfluger, T., Nadel, et al
2018; 45 (11): 2009–24
- **18F-FDG PET/CT With Diffusely High FDG Uptake Throughout Subcutaneous Adipose Tissues** *CLINICAL NUCLEAR MEDICINE*
Kong, M., Nadel, H.
2018; 43 (10): 762–63
- **Validation of Standardized Interpretation Criteria for Early Response Evaluation with (18)FDG-PET/CT in Pediatric Lymphoma-A Report on an IAEA Multicenter Prospective Study**
Nadel, H., Etchebehere, E., Cerci, J., Brink, A., Bal, C., Rangarajan, V., Pfluger, T., Kagna, O., Alonso, O., Begum, F., Bashir Ali, K., Magboo, V., Menezes, et al
SPRINGER.2018: S187
- **Initial Experience in Children Using Solid State SPECT/CT Gamma Camera for I-123 mIBG Imaging**
Nadel, H. R., Kong, M. C., Anderton, W.
SPRINGER.2018: S710
- **Case - Bladder paraganglioma in a pediatric patient** *CUAJ-CANADIAN UROLOGICAL ASSOCIATION JOURNAL*
Malhotra, A. K., Yan, R., Tabeshi, R., Nadel, H., Tran, H., Masterson, J.
2018; 12 (5): E260–E264
- **Application of genomics to identify therapeutic targets in recurrent pediatric papillary thyroid carcinoma** *COLD SPRING HARBOR MOLECULAR CASE STUDIES*
Ronsley, R., Rassekh, S., Shen, Y., Lee, A. F., Jantzen, C., Halparin, J., Albert, C., Hawkins, D. S., Amed, S., Rothstein, R., Mungall, A. J., Dix, D., Blair, et al
2018; 4 (2)
- **Validation of Postinduction Curie Scores in High-Risk Neuroblastoma: A Children's Oncology Group and SIOPEX Group Report on SIOPEX/HR-NBL1** *JOURNAL OF NUCLEAR MEDICINE*
Yanik, G. A., Parisi, M. T., Naranjo, A., Nadel, H., Gelfand, M. J., Park, J. R., Ladenstein, R. L., Poetschger, U., Boubaker, A., Valteau-Couanet, D., Lambert, B., Castellani, M., Bar-Sever, et al
2018; 59 (3): 502–8
- **COMPUTER-ASSISTED CURIE SCORING OF METAIODOBEN-ZYLGUANIDINE SCANS FOR PATIENTS WITH NEUROBLASTOMA.**
Sokol, E., Engelmann, R., Pinto, N., Starkey, A., Nall, M., Lai, H., Nadel, H., Shulkin, B., Pu, Y., Appelbaum, D., Yanik, G., Cohn, S., Armato, et al
WILEY.2018: S51
- **Nivolumab in the Treatment of Refractory Pediatric Hodgkin Lymphoma** *JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY*
Foran, A. E., Nadel, H. R., Lee, A. F., Savage, K. J., Deyell, R. J.
2017; 39 (5): E263–E266

- **American College of Radiology and Society of Nuclear Medicine and Molecular Imaging Joint Credentialing Statement for PET/MR Imaging: Body.** *Journal of nuclear medicine*
Subramaniam, R. M., Jadvar, H., Colletti, P. M., Guimaraes, A., Gullapali, R., Iagaru, A. H., McConathy, J., Meltzer, C. C., Nadel, H., Noto, R. B., Packard, A. B., Rohren, E., Oates, et al
2017
- **Response Assessment Criteria and Their Applications in Lymphoma: Part 2** *JOURNAL OF NUCLEAR MEDICINE*
Moghbel, M. C., Mittra, E., Gallamini, A., Niederkoeh, R., Chen, D. L., Zukotynski, K., Nadel, H., Kostakoglu, L.
2017; 58 (1): 13-22
- **The Way Towards an International MIBG Skeletal Score for High Risk Neuroblastoma: The Statistical Perspective**
Poetschger, U., Naranjo, A., Yanik, G., Castellani, M. R., Lambert, B., Lewington, V., Bar-Server, Z., Oudoux, A., Kaminska, A., Taborska, K., Biassoni, L., Parisi, M. T., Shulkin, et al
WILEY-BLACKWELL.2016: S39-S40
- **Response Assessment Criteria and Their Applications in Lymphoma: Part 1** *JOURNAL OF NUCLEAR MEDICINE*
Moghbel, M. C., Kostakoglu, L., Zukotynski, K., Chen, D. L., Nadel, H., Niederkoeh, R., Mittra, E.
2016; 57 (6): 928-935
- **IFOSFAMIDE, GEMCITABINE AND VINOURELBINE (IGEV) IS AN EFFECTIVE SALVAGE REGIMEN WITH EXCELLENT STEM CELL MOBILIZATION IN RELAPSED AND REFRACTORY PEDIATRIC HODGKIN LYMPHOMA**
Marr, K., Nadel, H., Strahlendorf, C., Davis, J., Deyell, R.
WILEY-BLACKWELL.2016: S15
- **Skeletal scintigraphy with SPECT/CT in benign pediatric bone conditions** *CLINICAL AND TRANSLATIONAL IMAGING*
De Palma, D., Nadel, H. R., Bar-Sever, Z.
2016; 4 (3): 191-201
- **Computer-assisted Curie scoring for metaiodobenzylguanidine (MIBG) scans in patients with neuroblastoma.**
Sokol, E., Engelmann, R., Pinto, N. R., Starkey, A., Nall, M., Lai, H., Nadel, H. R., Shulkin, B. L., Pu, Y., Applebaum, D., Yanik, G. A., Cohn, S., Armato, et al
AMER SOC CLINICAL ONCOLOGY.2016
- **Peritoneal-pericardial communication in an adolescent on peritoneal dialysis** *PEDIATRIC NEPHROLOGY*
Teoh, C., Nadel, H., Armstrong, K., Harris, K. C., White, C. T.
2016; 31 (1): 153-56
- **Incident Vertebral Fractures and Risk Factors in the First Three Years Following Glucocorticoid Initiation Among Pediatric Patients With Rheumatic Disorders** *JOURNAL OF BONE AND MINERAL RESEARCH*
LeBlanc, C. A., Ma, J., Taljaard, M., Roth, J., Scuccimarr, R., Miettunen, P., Lang, B., Huber, A. M., Houghton, K., Jaremko, J. L., Ho, J., Shenouda, N., Matzinger, et al
2015; 30 (9): 1667-75
- **Methotrexate, Doxorubicin, and Cisplatin (MAP) Plus Maintenance Pegylated Interferon Alfa-2b Versus MAP Alone in Patients With Resectable High-Grade Osteosarcoma and Good Histologic Response to Preoperative MAP: First Results of the EURAMOS-1 Good Response Randomized Controlled Trial.** *Journal of clinical oncology*
Bielack, S. S., Smeland, S., Whelan, J. S., Marina, N., Jovic, G., Hook, J. M., Krailo, M. D., Gebhardt, M., Pápai, Z., Meyer, J., Nadel, H., Randall, R. L., Deffenbaugh, et al
2015; 33 (20): 2279-2287
- **Characterizing standardized uptake values on diagnostic PET/CT scans according to pediatric lymphoma subtypes**
Halparin, J., Rassekh, S., Nadel, H.
SOC NUCLEAR MEDICINE INC.2015
- **Common normal variants of pediatric vertebral development that mimic fractures: a pictorial review from a national longitudinal bone health study** *PEDIATRIC RADIOLOGY*
Jaremko, J. L., Siminoski, K., Firth, G. B., Matzinger, M., Shenouda, N., Konji, V. N., Roth, J., Sbrocchi, A., Reed, M. H., O'Brien, M., Nadel, H., McKillop, S., Kloiber, et al
2015; 45 (4): 593-605
- **The Choice of Normative Pediatric Reference Database Changes Spine Bone Mineral Density Z-Scores But Not the Relationship Between Bone Mineral Density and Prevalent Vertebral Fractures** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*

- Ma, J., Siminoski, K., Alos, N., Halton, J., Ho, J., Lentle, B., Matzinger, M., Shenouda, N., Atkinson, S., Barr, R., Cabral, D. A., Couch, R., Cummings, et al
2015; 100 (3): 1018–27
- **EURAMOS-1, an international randomised study for osteosarcoma: results from pre-randomisation treatment†.** *Annals of oncology*
Whelan, J. S., Bielack, S. S., Marina, N., Smeland, S., Jovic, G., Hook, J. M., Krailo, M., Anninga, J., Butterfass-Bahloul, T., Böhling, T., Calaminus, G., Capra, M., Deffenbaugh, et al
2015; 26 (2): 407-414
 - **Impact of Post-Induction Curie Scores in High-Risk Neuroblastoma**
Yanik, G., Naranjo, A., Parisi, M. T., Shulkin, B. L., Nadel, H., Gelfand, M. J., Ladenstein, R., Boubaker, A., Poetschger, U., Valteau-Couanet, D., Kreissman, S. G., Park, J. R., Matthay, et al
ELSEVIER SCIENCE INC.2015: S107
 - **Combined PET/MR: Where Are We Now? Summary Report of the Second International Workshop on PET/MR Imaging April 8-12, 2013, Tubingen, Germany** *MOLECULAR IMAGING AND BIOLOGY*
Bailey, D. L., Barthel, H., Beuthin-Baumann, B., Beyer, T., Bisdas, S., Boellaard, R., Czernin, J., Drzezga, A., Ernemann, U., Franzius, C., Gueckel, B., Handgretinger, R., Hartenbach, et al
2014; 16 (3): 295–310
 - **Validation of postinduction Curie scores in high-risk neuroblastoma.**
Yanik, G. A., Naranjo, A., Parisi, M. T., Shulkin, B. L., Nadel, H. R., Gelfand, M. J., Ladenstein, R. L., Boubaker, A., Poetschger, U., Lambert, B., Castellani, M., Valteau-Couanet, D., Kreissman, et al
AMER SOC CLINICAL ONCOLOGY.2014
 - **The added value of optimized co-registered diagnostic CT scan for I-123 mIBG SPECT-CT in children with neuroblastoma**
Nadel, H.
SOC NUCLEAR MEDICINE INC.2014
 - **SPECT/CT in pediatric patient management** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Nadel, H. R.
2014; 41: S104–S114
 - **Observer agreement in pediatric semiquantitative vertebral fracture diagnosis** *PEDIATRIC RADIOLOGY*
Siminoski, K., Lentle, B., Matzinger, M., Shenouda, N., Ward, L. M., Canadian STOPP Consortium
2014; 44 (4): 457–66
 - **Skeletal findings in the first 12 months following initiation of glucocorticoid therapy for pediatric nephrotic syndrome** *OSTEOPOROSIS INTERNATIONAL*
Phan, V., Blydt-Hansen, T., Feber, J., Alos, N., Arora, S., Atkinson, S., Bell, L., Clarson, C., Couch, R., Cummings, E. A., Filler, G., Grant, R. M., Grimmer, et al
2014; 25 (2): 627–37
 - **The Role of PET/CT in Assessing Pulmonary Nodules in Children With Solid Malignancies** *AMERICAN JOURNAL OF ROENTGENOLOGY*
McCarville, M., Billups, C., Wu, J., Kaufman, R., Kaste, S., Coleman, J., Sharp, S., Nadel, H., Charron, M., Lederman, H., Don, S., Shochat, S., Daw, et al
2013; 201 (6): W900–W905
 - **Anatomical distribution of vertebral fractures: comparison of pediatric and adult spines** *OSTEOPOROSIS INTERNATIONAL*
Siminoski, K., Lee, K., Jen, H., Warshawski, R., Matzinger, M. A., Shenouda, N., Charron, M., Coblentz, C., Dubois, J., Kloiber, R., Nadel, H., O'Brien, K., Reed, et al
2012; 23 (7): 1999–2008
 - **Long-term Risk of CKD in Children Surviving Episodes of Acute Kidney Injury in the Intensive Care Unit: A Prospective Cohort Study** *AMERICAN JOURNAL OF KIDNEY DISEASES*
Mammen, C., Al Abbas, A., Skippen, P., Nadel, H., Levine, D., Collet, J. P., Matsell, D. G.
2012; 59 (4): 523–30
 - **Skeletal findings in children recently initiating glucocorticoids for the treatment of nephrotic syndrome** *OSTEOPOROSIS INTERNATIONAL*
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, et al
2012; 23 (2): 751–60
 - **Incident vertebral fractures among children with rheumatic disorders 12 months after glucocorticoid initiation: A national observational study** *ARTHRITIS CARE & RESEARCH*

- Rodd, C., Lang, B., Ramsay, T., Alos, N., Huber, A. M., Cabral, D. A., Scuccimarri, R., Miettunen, P. M., Roth, J., Atkinson, S. A., Couch, R., Cummings, E. A., Dent, et al
2012; 64 (1): 122–31
- **Novel use of F-DOPA PET/CT imaging in a child with paraganglioma/pheochromocytoma syndrome** *PEDIATRIC RADIOLOGY*
Levine, D. S., Metzger, D. L., Nadel, H. R., Oviedo, A., Adam, M. J., Skarsgard, E.
2011; 41 (10): 1321–25
 - **CISAPRIDE AND ITS EFFECT ON GASTRIC EMPTYING IN PEDIATRIC CYSTIC FIBROSIS PATIENTS**
Luu, K., Chilvers, M., Nadel, H., Jenkins, S., Ainsworth, N., Davidson, A.
WILEY-BLACKWELL.2011: 398
 - **FDG positron emission tomography/computed tomography studies of Wilms' tumor** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Hossain, A., Shulkin, B. L., Gelfand, M. J., Bashir, H., Daw, N. C., Sharp, S. E., Nadel, H. R., Dome, J. S.
2010; 37 (7): 1300–1308
 - **Prevalent Vertebral Fractures Among Children Initiating Glucocorticoid Therapy for the Treatment of Rheumatic Disorders** *ARTHRITIS CARE & RESEARCH*
Huber, A. M., Gaboury, I., Cabral, D. A., Lang, B., Ni, A., Stephure, D., Taback, S., Dent, P., Ellsworth, J., Leblanc, C., Saint-Cyr, C., Scuccimarri, R., Hay, et al
2010; 62 (4): 516–26
 - **Pediatric Applications for PET/CT and SPECT/CT** *HYBRID PET/CT AND SPECT CT IMAGING*
Nadel, H. R., Byrne, A. T., Delbeke, D., Israel, O.
2010: 621–56
 - **Pediatric Bone Scintigraphy Update** *SEMINARS IN NUCLEAR MEDICINE*
Nadel, H. R.
2010; 40 (1): 31–40
 - **Prevalent vertebral compression in children with newly diagnosed rheumatic conditions: Results of a national chronic illness osteoporosis surveillance program**
Miettunen, P. M., Roth, J., Huber, A., Ni, A., Matzinger, M., Alos, N., Atkinson, S., Couch, B., Cummings, E., Glorieux, F. H., Hay, J., Lentle, B., Nadel, et al
ELSEVIER SCIENCE INC.2009: S73
 - **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** *JOURNAL OF BONE AND MINERAL RESEARCH*
Halton, J., Gaboury, I., Grant, R., Alos, N., Cummings, E. A., Matzinger, M., Shenouda, N., Lentle, B., Abish, S., Atkinson, S., Cairney, E., Dix, D., Israels, et al
2009; 24 (7): 1326–34
 - **Incident vertebral compression 1 year following glucocorticoid initiation among children with rheumatic conditions: Results of a National Chronic Illness Osteoporosis Surveillance Program**
Ward, L. M., Roth, J., Miettunen, P. M., Ni, A., Matzinger, M., Alos, N., Atkinson, S., Stein, R., Couch, R., Cummings, E., Glorieux, F. H., Hay, J., Lentle, et al
ELSEVIER SCIENCE INC.2009: S55
 - **Short-term skeletal changes in children with newly diagnosed glucocorticoid-treated nephrotic syndrome**
Feber, J., Roth, J., Miettunen, P. M., Ni, A., Alos, N., Atkinson, S., Stein, R., Couch, R., Cummings, E., Glorieux, F. H., Hay, J., Lentle, B., Matzinger, et al
ELSEVIER SCIENCE INC.2009: S73
 - **Occurrence of Basal Ganglia Germ Cell Tumors Without a Mass** *ARCHIVES OF NEUROLOGY*
Almubarak, S., Gan, Y., Steinbok, P., Henderson, G., Poskitt, K., Nadel, H., Goddard, K., Hukin, J.
2009; 66 (6): 789–92
 - **Early experience with PET/CT scan in the evaluation of pediatric abdominal neoplasms**
Murphy, J. J., Tawfeeq, M., Chang, B., Nadel, H.
W B SAUNDERS CO-ELSEVIER INC.2008: 2186–92
 - **Advanced Vertebral Compression at Diagnosis among Children with Acute Lymphoblastic Leukemia.**
Ward, L. M., Matzinger, M., Alos, N., Atkinson, S., Clarkson, C., Couch, R., Cummings, E., Glorieux, F. H., Grant, R., Halton, J., Lentle, B., Nadel, H., Rodd, et al
AMER SOC BONE & MINERAL RES.2008: S367

- **Embryonal rhabdomyosarcoma as a second malignancy following multimodal therapy for advanced-stage neuroblastoma** *PEDIATRIC RADIOLOGY*
Mann, G. S., Byrne, A. T., Nadel, H. R., Bray, H.
2008; 38 (9): 1017–20
- **Imaging guidelines for children with Ewing sarcoma and osteosarcoma: A report from the Children's Oncology Group Bone Tumor Committee** *PEDIATRIC BLOOD & CANCER*
Meyer, J. S., Nadel, H. R., Marina, N., Womer, R. B., Brown, K. L., Eary, J. F., Gorlick, R., Grier, H. E., Randall, R. L., Lawlor, E. R., Lessnick, S. L., Schomberg, P. J., Kailo, et al
2008; 51 (2): 163-170
- **Pediatric positron emission tomography-computed tomography protocol considerations** *SEMINARS IN ULTRASOUND CT AND MRI*
Nadel, H. R., Shulkin, B.
2008; 29 (4): 271–76
- **Addition of muramyl tripeptide to chemotherapy for patients with newly diagnosed metastatic osteosarcoma: A report from the Children's Oncology Group**
Chou, A. J., Kleinerman, E., Krailo, M. D., Betcher, D., Healey, J., Nadel, H., Nieder, M., Weiner, M., Wells, R. J., Meyers, P. A.
AMER SOC CLINICAL ONCOLOGY.2008
- **Bone scan update** *SEMINARS IN NUCLEAR MEDICINE*
Nadel, H. R.
2007; 37 (5): 332–39
- **Upfront window trial of topotecan in previously untreated children and adolescents with poor prognosis metastatic osteosarcoma** *CANCER*
Seibel, N. L., Krailo, M., Chen, Z., Healey, J., Breiffeld, P. R., Drachtman, R., Greffe, B., Nachman, J., Nadel, H., Sato, J. K., Meyers, P. A., Reaman, G. H.
2007; 109 (8): 1646–53
- **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** *JOURNAL OF RHEUMATOLOGY*
Alsufyani, K. A., Ortiz-Alvarez, O., Cabral, D. A., Tucker, L. B., Petty, R. E., Nadel, H., Malleson, P. N.
2005; 32 (4): 729–33
- **Nuclear medicine topics in pediatric musculoskeletal disease - Techniques and applications** *RADIOLOGIC CLINICS OF NORTH AMERICA*
Nadel, H. R., Stilwell, M. E.
2001; 39 (4): 619-+
- **Hereditary heterotopic ossification: Are there overlaps between the different types?**
Chanoine, J. P., Cheng, P. S., Ostry, A., de Sa, D., Nadel, H., Prendiville, J.
NATURE PUBLISHING GROUP.2001: 6P
- **Laparoscopy as a cause of a false-positive Meckel's scan** *CLINICAL NUCLEAR MEDICINE*
McKevitt, E. C., Baerg, J. E., Nadel, H. R., Webber, E. M.
1999; 24 (2): 102–4
- **The DMSA scan in paediatric urinary tract infection.** *Australasian radiology*
Ditchfield, M. R., Nadel, H. R.
1998; 42 (4): 318–20
- **B mode ultrasonography - spectrum of paediatric ocular disease**
Long, G., Stringer, D. A., Nadel, H. R., Fink, A. M., Lewis, P., Carruthers, J. D., Lyons, C.
ELSEVIER IRELAND LTD.1998: 132–47
- **Procedure guideline for radionuclide cystography in children** *JOURNAL OF NUCLEAR MEDICINE*
Mandell, G. A., Eggli, D. F., Gilday, D. L., Heyman, S., Leonard, J. C., Miller, J. H., Nadel, H. R., Treves, S. T.
1997; 38 (10): 1650–54
- **Procedure guideline for renal cortical scintigraphy in children** *JOURNAL OF NUCLEAR MEDICINE*
Mandell, G. A., Eggli, D. F., Gilday, D. L., Heyman, S., Leonard, J. C., Miller, J. H., Nadel, H. R., Treves, S. T.
1997; 38 (10): 1644–46

- **Hepatobiliary scintigraphy in children** *SEMINARS IN NUCLEAR MEDICINE*
Nadel, H. R.
1996; 26 (1): 25–42
- **Where are we with nuclear medicine in pediatrics?** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE*
Nadel, H. R.
1995; 22 (12): 1433–51
- **PEDIATRIC CASE OF THE DAY - MALIGNANT FIBROUS HISTIOCYTOMA (MFH) OF THE LEFT ATRIUM** *RADIOGRAPHICS*
MURDOCH, M. J., NADEL, H. R., CULHAM, J. A., STRINGER, D. A.
1995; 15 (5): 1227–30
- **OBSTRUCTIVE LUNG-DISEASE IN CHILDREN AFTER ALLOGENEIC BONE-MARROW TRANSPLANTATION - EVALUATION WITH HIGH-RESOLUTION CT** *AMERICAN JOURNAL OF ROENTGENOLOGY*
SARGENT, M. A., CAIRNS, R. A., MURDOCH, M. J., NADEL, H. R., WENSLEY, D., SCHULTZ, K. R.
1995; 164 (3): 693–96
- **PEDIATRIC CASE OF THE DAY - CONGENITAL FIBROSARCOMA (CFS)** *RADIOGRAPHICS*
FINK, A. M., STINGER, D. A., CAIRNS, R. A., NADEL, H. R., MAGEE, J. F.
1995; 15 (1): 243–46
- **HYPERSENSITIVITY REACTION TO SINGLE CONTRAST BARIUM MEAL STUDIES IN CHILDREN** *PEDIATRIC RADIOLOGY*
STRINGER, D. A., HASSALL, E., FERGUSON, A. C., CAIRNS, R., NADEL, H., SARGENT, M.
1993; 23 (8): 587–88
- **TL-201 FOR ONCOLOGICAL IMAGING IN CHILDREN** *SEMINARS IN NUCLEAR MEDICINE*
NADEL, H. R.
1993; 23 (3): 243–54
- **LUNG-VOLUMES, MECHANICS, AND PERFUSION AFTER PULMONARY RESECTION IN INFANCY** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
WERNER, H. A., PIRIE, G. E., NADEL, H. R., FLEISHER, A. G., LEBLANC, J. G.
1993; 105 (4): 737–42
- **THE ROLE OF ULTRASOUND IN EVALUATION OF TAKAYASU ARTERITIS** *JOURNAL OF RHEUMATOLOGY*
BUCKLEY, A., SOUTHWOOD, T., CULHAM, G., NADEL, H., MALLESON, P., PETTY, R.
1991; 18 (7): 1073–80
- **FUNCTIONAL ASPLENIA IN CHILDHOOD ONSET SYSTEMIC LUPUS-ERYTHEMATOSUS** *JOURNAL OF RHEUMATOLOGY*
MALLESON, P., PETTY, R. E., NADEL, H., DIMMICK, J. E.
1988; 15 (11): 1648–52
- **PNEUMORRHACHIS AFTER JEJUNAL ENTRAPMENT CAUSED BY A FRACTURE DISLOCATION OF THE LUMBAR SPINE** *AMERICAN JOURNAL OF ROENTGENOLOGY*
SILVER, S. F., NADEL, H. R., FLODMARK, O.
1988; 150 (5): 1129–30
- **NEONATAL RENOMEGALY** *JOURNAL OF UROLOGY*
JOHNSON, H. W., GLEAVE, M., COLEMAN, G. U., NADEL, H. R., RAFFEL, J., WECKWORTH, P. F.
1987; 138 (4): 1023–27
- **PEDIATRIC RADIOLOGIC IMAGING** *CANADIAN FAMILY PHYSICIAN*
NADEL, H. R.
1986; 32: 1049–54
- **SERUM CREATININE ON THE KODAK EKTACHEM-400 - IMPLICATIONS FOR CREATININE CLEARANCE**
HALSTEAD, A. C., POSKITT, K., NADEL, H.
PERGAMON-ELSEVIER SCIENCE LTD.1985: 208
- **THE IMMOTILE CILIA SYNDROME - RADIOLOGICAL MANIFESTATIONS** *RADIOLOGY*

NADEL, H. R., STRINGER, D. A., LEVISON, H., TURNER, J. A., STURGESS, J. M.
1985; 154 (3): 651–55

PRESENTATIONS

- Pediatric Hybrid Imaging - European Society for Hybrid Imaging (ESHI) (10/25/2019 - 10/25/2019)
- Getting to “just right” for pediatric PET/MRI-pediatric protocols and case review - SNMMI and ISMRM (10/26/2019 - 10/28/2019)
- Finding “Just right”: the Goldilocks of MRI sequences in pediatric PET/MRI - RSNA (12/5/2019 - 12/5/2019)