



## Matilde Nino-Murcia

Professor of Radiology at the Palo Alto Veterans Affairs Health Care System,  
Emerita

Radiology - General Radiology

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### Bio

#### ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Radiology - General Radiology

#### ADMINISTRATIVE APPOINTMENTS

- Assistant Chief, Radiology, VAPAHCS, (1986-2013)

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### Research & Scholarship

#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Gastrointestinal motility in spinal cord injury, patients; use of CT and MRI in imaging liver and biliary tree; contrast agents for MRI of the gastrointestinal tract and, hepatobiliary system; gastrointestinal motility disorders; abdominal, imaging; hepatobiliary imaging

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### Publications

#### PUBLICATIONS

- **Evaluation of periampullary pathology with CT volumetric oblique coronal reformations.** *AJR. American journal of roentgenology*  
Pham, D. T., Hura, S. A., Willmann, J. K., Nino-Murcia, M., Jeffrey, R. B.  
2009; 193 (3): W202-8
- **CT of pancreas: minimum intensity projections** *ABDOMINAL IMAGING*  
Salles, A., Nino-Murcia, M., Jeffrey, R. B.  
2008; 33 (2): 207-213
- **Effects of growth hormone and pioglitazone in viscerally obese adults with impaired glucose tolerance: A factorial clinical trial** *PLOS CLINICAL TRIALS*  
Attallah, H., Friedlander, A. L., Nino-Murcia, M., Hoffman, A. R.  
2007; 2 (5)
- **Small cystic lesions of the pancreas: clinical significance and findings at follow-up** *ABDOMINAL IMAGING*  
Kirkpatrick, I. D., Desser, T. S., Nino-Murcia, M., Jeffrey, R. B.  
2007; 32 (1): 119-125
- **Idiopathic granulomatous epididymo-orchitis - Sonographic appearance** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Mogensen, M., Nino-Murcia, M.  
2005; 24 (7): 1007-1010
- **MDCT in pancreatic adenocarcinoma: Prediction of vascular invasion and resectability using a multiphasic technique with curved planar reformations** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Vargas, R., Nino-Murcia, M., Trueblood, W., Jeffrey, R. B.

2004; 182 (2): 419-425

- **Which stoma works better for colonic dysmotility in the spinal cord injured patient?** *27th Annual Surgical Symposium of the Association-of-VA-Surgeons*  
Safadi, B. Y., Rosito, O., Nino-Murcia, M., Wolfe, V. A., Perkas, I.  
EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2003: 437-42
- **Multidetector-row helical CT and advanced postprocessing techniques for the evaluation of pancreatic neoplasms** *ABDOMINAL IMAGING*  
Nino-Murcia, M., Tamm, E. P., Chamsangavej, C., Jeffrey, R. B.  
2003; 28 (3): 366-377
- **Fluorodeoxyglucose positron emission tomography studies in the diagnosis and staging of transitional cell carcinoma** *International Bladder Symposium*  
Liu, I. J., Segall, G. M., Nino-Murcia, M., Terris, M. K.  
KLUWER ACADEMIC/PLENUM PUBL.2003: 129-142
- **Local staging of pancreatic carcinoma with multi-detector row CT: Use of curved planar reformations initial experience** *RADIOLOGY*  
Prokesch, R. W., Chow, L. C., Beaulieu, C. F., Nino-Murcia, M., Mindelzun, R. E., Barnmer, R., Huang, J., Jeffrey, R. B.  
2002; 225 (3): 759-765
- **Imaging for suspected appendicitis: Negative appendectomy and perforation rates** *RADIOLOGY*  
Bendeck, S. E., Nino-Murcia, M., Berry, G. J., Jeffrey, R. B.  
2002; 225 (1): 131-136
- **Gastric pancreatic rest leading to pyogenic liver abscess** *GASTROINTESTINAL ENDOSCOPY*  
Friedland, S., Yu, A., Rouse, R. V., Wong, D., Nino-Murcia, M., Soetikno, R. M.  
2002; 56 (3): 438-440
- **Multidetector-row CT and volumetric imaging of pancreatic neoplasms** *GASTROENTEROLOGY CLINICS OF NORTH AMERICA*  
Nino-Murcia, M., Jeffrey, R. B.  
2002; 31 (3): 881-?
- **Imaging the patient with right upper quadrant pain** *SEMINARS IN ROENTGENOLOGY*  
Nino-Murcia, M., Jeffrey, R. B.  
2001; 36 (2): 81-91
- **Multidetector CT of the pancreas and bile duct system: value of curved planar reformations.** *AJR. American journal of roentgenology*  
Nino-Murcia, M., Jeffrey, R. B., Beaulieu, C. F., Li, K. C., Rubin, G. D.  
2001; 176 (3): 689-693
- **Functional magnetic stimulation of the colon in persons with spinal cord injury** *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*  
Lin, V. W., Nino-Murcia, M., Frost, F., Wolfe, V., Hsiao, I., Perkas, I.  
2001; 82 (2): 167-173
- **Malignant mesothelioma of the tunica vaginalis testis - Atypical sonographic appearance** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Wolanske, K., Nino-Murcia, M.  
2001; 20 (1): 69-72
- **Focal liver lesions: Pattern-based classification scheme for enhancement at arterial phase CT** *RADIOLOGY*  
Nino-Murcia, M., Olcott, E. W., Jeffrey, R. B., Lamm, R. L., Beaulieu, C. F., Jain, K. A.  
2000; 215 (3): 746-751
- **Advantages of performing sonourethrography with lidocaine hydrochloride jelly in a prepackaged delivery system** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Desser, T. S., Nino-Murcia, M., Olcott, E. W., Terris, M. K.  
1999; 173 (1): 39-40
- **Urinary bladder pseudolesions on contrast-enhanced helical CT: Frequency and clinical implications** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Olcott, E. W., Nino-Murcia, M., Rhee, J. S.  
1998; 171 (5): 1349-1354

- **Dual-phase helical CT of locally invasive pancreatic adenocarcinoma.** *Journal of computer assisted tomography*  
Nino-Murcia, M., Olcott, E. W., Jeffrey, R. B.  
1998; 22 (2): 282-287
- **Esophageal wall thickening: A CT finding in diffuse esophageal spasm** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*  
NINOMURCIA, M., Stark, P., Triadafilopoulos, G.  
1997; 21 (2): 318-321
- **Dual-phase helical CT of the liver: value of arterial phase scans in the detection of small (< or = 1.5 cm) malignant hepatic neoplasms.** *AJR. American journal of roentgenology*  
HOLLETT, M. D., Jeffrey, R. B., Nino-Murcia, M., Jorgensen, M. J., Harris, D. P.  
1995; 164 (4): 879-884
- **COLOR DOPPLER SONOGRAPHY OF THE CYSTIC ARTERY - COMPARISON OF NORMAL CONTROLS AND PATIENTS WITH ACUTE CHOLECYSTITIS** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Jeffrey, R. B., NINOMURCIA, M., Ralls, P. W., Jain, K. A., Davidson, H. C.  
1995; 14 (1): 33-36
- **HEPATIC FOCAL NODULAR HYPERPLASIA - FINDINGS WITH COLOR DOPPLER SONOGRAPHY** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Learch, T. J., Ralls, P. W., Johnson, M. B., Jeffrey, R. B., NINOMURCIA, M., Lee, K. P., RADIN, D. R.  
1993; 12 (9): 541-544
- **COLOR FLOW DOPPLER CHARACTERIZATION OF FOCAL HEPATIC-LESIONS** *1992 ANNUAL MEETING OF THE AMERICAN ROENTGEN RAY SOC*  
NINOMURCIA, M., Ralls, P. W., Jeffrey, R. B., Johnson, M.  
AMER ROENTGEN RAY SOC.1992: 1195-97
- **FUNCTIONAL ABNORMALITIES OF THE GASTROINTESTINAL-TRACT IN PATIENTS WITH SPINAL-CORD INJURIES - EVALUATION WITH IMAGING PROCEDURES** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
NINOMURCIA, M., Friedland, G. W.  
1992; 158 (2): 279-281
- **CONGENITAL-ANOMALIES OF THE INFERIOR VENA-CAVA - EMBRYOGENESIS AND MR FEATURES** *UROLOGIC RADIOLOGY*  
Friedland, G. W., deVries, P. A., NINOMURCIA, M., King, B. F., Leder, R. A., Stevens, S.  
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- **INTRALUMINAL CONTRAST ENHANCEMENT AND MR VISUALIZATION OF THE BOWEL WALL - EFFICACY OF PFOB** *JMRI-JOURNAL OF MAGNETIC RESONANCE IMAGING*  
Rubin, D. L., Muller, H. H., NINOMURCIA, M., Sidhu, M., CHRISTY, V., Young, S. W.  
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- **CHRONIC GASTROINTESTINAL PROBLEMS IN SPINAL-CORD INJURY PATIENTS - A PROSPECTIVE ANALYSIS** *AMERICAN JOURNAL OF GASTROENTEROLOGY*  
Stone, J. M., NINOMURCIA, M., Wolfe, V. A., Perakash, I.  
1990; 85 (9): 1114-1119
- **ESOPHAGOGRAPHY AND ESOPHAGOSCOPY - COMPARISON IN THE EXAMINATION OF PATIENTS WITH HEAD AND NECK-CARCINOMA** *ARCHIVES OF OTOLARYNGOLOGY-HEAD & NECK SURGERY*  
NINOMURCIA, M., Vincent, M. E., Vaughan, C., Fee, W. E., Goode, R. L., Robbins, A. H., ZBORALSKE, F. F.  
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- **COLOSTOMY AS TREATMENT FOR COMPLICATIONS OF SPINAL-CORD INJURY** *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*  
Stone, J. M., Wolfe, V. A., NINOMURCIA, M., Perakash, I.  
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- **COLONIC TRANSIT IN SPINAL CORD-INJURED PATIENTS** *INVESTIGATIVE RADIOLOGY*  
NINOMURCIA, M., Stone, J. M., Chang, P. J., Perakash, I.  
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- **POLYPOID MENETRIERS DISEASE ASSOCIATED WITH ACROMEGALY** *GASTROINTESTINAL RADIOLOGY*

- Chang, P. J., NINOMURCIA, M., Kosek, J.  
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- **LEIOMYOMA OF THE TESTIS - SONOGRAPHIC AND PATHOLOGIC FINDINGS** *JOURNAL OF THE CANADIAN ASSOCIATION OF RADIOLOGISTS-JOURNAL DE L ASSOCIATION CANADIENNE DES RADIOLOGISTES*  
NINOMURCIA, M., Kosek, J.  
1989; 40 (3): 178-179
  - **MESENTERIC CYST WITH ATYPICAL COMPUTED-TOMOGRAPHY APPEARANCE** *CLINICAL IMAGING*  
Stevens, S. K., NINOMURCIA, M., Bloom, R., CHANG, K. L.  
1989; 13 (2): 119-121
  - **THE ROLE OF BONE-SCAN AND RADIOGRAPHY IN THE DIAGNOSTIC EVALUATION OF SUSPECTED PEDAL OSTEOMYELITIS** *CLINICAL NUCLEAR MEDICINE*  
Segall, G. M., NINOMURCIA, M., Jacobs, T., Chang, K.  
1989; 14 (4): 255-260
  - **GASTROINTESTINAL MANIFESTATIONS OF ESSENTIAL MIXED CRYOGLOBULINEMIA** *GASTROINTESTINAL RADIOLOGY*  
Baxter, R., NINOMURCIA, M., Bloom, R. J., Kosek, J.  
1988; 13 (2): 160-162
  - **IMAGING THE EFFECTS OF AN ECTOPIC SPLEEN ON THE URINARY-TRACT** *UROLOGIC RADIOLOGY*  
NINOMURCIA, M., Friedland, G. W., Gross, D.  
1988; 10 (4): 195-197
  - **BLADDER INFARCT** *UROLOGIC RADIOLOGY*  
NINOMURCIA, M., Friedland, G. W.  
1988; 9 (4): 234-236
  - **UNUSUAL FISTULAS BETWEEN THE RECTUM AND THE LOWER URINARY-TRACT - SIMPLE TECHNIQUES FOR DIAGNOSIS** *UROLOGIC RADIOLOGY*  
NINOMURCIA, M., Friedland, G. W.  
1988; 9 (4): 240-242
  - **OBLITERATIVE PYELITIS** *UROLOGIC RADIOLOGY*  
NINOMURCIA, M., Friedland, G. W.  
1988; 10 (2): 100-102