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## Josip Nosil, BSc, MSc, DSc

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### Education

- Apr 1974 – Nov 1977* **University of Zagreb**  
D.Sc. Degree, Medical Physics. 1977, Medical Physics  
Zagreb, Croatia
- Feb 1969 – Jul 1972* **University of Zagreb**  
MSc, Major in Nuclear and Atomic Physics  
Zagreb, Croatia
- Oct 1965 – Nov 1968* **University of Zagreb**  
BSc, Major in Solid State Physics  
Zagreb, Croatia

### Thesis

- Josip Nosil: *Solid Solutions of Transition Elements in Aluminium..* 01/2001, Supervisor: Paic
- Josip Nosil: *Production and Application of short-lived Radioisotopes in the Lung Ventilation Studies..* 01/1977,  
Degree: PhD, Supervisor: Spaventi, Slaus, Paic
- Josip Nosil: *Linear Polarisation of Elastically Scattered Gamma Rays of 662 keV in Uranium..* 01/1971,  
Supervisor: Ilakovac

### Research Experience

- Oct 2012 – present* **Owner, CEO, and President**  
Nosil DSc Innovation Inc., X-Rays  
Langley,
- Apr 1993 – Oct 2015* **Medical Physicist Consultant and Radiation Inspector**  
Bermuda government,  
Hamilton, Hamilton city, Bermuda  
Medical physics and radiation inspector
- Aug 1986 – May 2000* **Chief Medical Physicist**  
Vancouver Island Health Authority, Medical Imaging  
Victoria, Canada  
Acceptance testing and Annual Medical Physics Accreditation Survey of  
equipment performance. Evaluations of technologist's quality control  
procedures. Safety survey testing relating to the safe use of equipment.

- Sep 1978 – Sep 1986* **Consulting Medical Physicist**  
FOOTHILLS HOSPITAL, CALGARY, ALBERTA, Radiological Sciences and Medical Imaging  
Calgary, Canada
- Establish imaging techniques in the Mammography Group using mammography phantom.  
Developed routine quality control program of two Computed Tomography scanners using CT phantoms. Developed clinical software for use in Nuclear Medicine.
- Sep 1978 – Oct 1986* **Professor (Associate)**  
The University of Calgary, Radiological Sciences and Medical Imaging  
Calgary, Canada
- Developed specific liver blood flow evaluation method using Xe-133 inhalation. Quantitative characterisations of the caudate nucleus method through computed tomography. Double peak differential attenuation method for the measurement of the thickness,
- Mar 1975 – Jun 1978* **Medical Physicist**  
DR. MLADEN STOJANOVIC HOSPITAL, ZAGREB, CROATIA, Nuclear Medicine and Oncology  
Zagreb, Grad Zagreb, Croatia
- Developed a method of using radioactive krypton for ventilation studies in Nuclear Medicine Section.  
Responsible for interstitial and inter-cavity therapy planning and dosimetry calculations
- Mar 1974 – Apr 1975* **IAEA Fellowship Program**  
UNIVERSITY OF LONDON, ROYAL POSTGRADUATE MEDICAL SCHOOL, ENGLAND, UK, MEDICAL PHYSICS, Certificate of one year of training in Hospital Physics,  
London, England, United Kingdom
- Published several scientific papers with scientific staff of RPMS and Hammersmith Hospital, the principal subject being radioisotope production and use in medicine.
- May 1968 – Sep 1968* **BSc Student**  
Institute of Physics, Zagreb, Solid State Physics  
Zagreb, Grad Zagreb, Croatia
- Title of B.Sc. thesis: "Solid Solutions of Transition Elements in Aluminium."  
This confirmed the structure of solid solutions using the x-ray scattering method".  
Produced Solid State Solution of 6% of Ni in Al.
- Apr 1968 – Aug 1974* **Research Assistant**  
Ruđer Bošković Institute, Radiation Protection Division, Laboratory for Electromagnetic Interactions, Cyclotron Group  
Zagreb, Croatia
- Performed measurements of the linear polarisation of the gamma rays using a solid state detector. Responsible for the production of radioisotopes for use in

Medicine. Managed and produced radioactive krypton generator.

## Statistics

*RG Score* 22.34  
*Publications* 144  
*Reads* 655  
*Citations* 121

## Awards & Grants

*Nov 1976* Award: Prize of the Director of XIV Techfilm 1976 for Film "KRYPTON 81m"

## Skills & Activities

*Skills* Digital Imaging, Radiography, Interventional Radiology, Gamma Cameras, Medical Image Analysis, Medical Imaging, Ventilation, Lung, Imaging, Diagnostic Imaging, Digital Radiography, Radioisotopes, Radioactivity, PET, PET Imaging, Nuclear Medicine, Computed Tomography, Medical Imaging Physics, Molecular Imaging, Nuclear Imaging, Radionuclide Imaging, 3D-Imaging, Nuclear Medicine Instrumentation, Diagnostic Radiology, Diagnostic Radiography, Pediatric Radiology, Quantification, Small Animal Imaging, Interventional Radiography, Medical and Biomedical Image Processing, X-Ray Imaging

*Languages* Croatian, English

*Scientific Memberships* AAPM, COMP, Member of the Canadian Association of Radiologists and American College of Radiology, Authorised to survey Diagnostic x-ray equipment for the Province of BC, Ministry of Health, RPS Division. Advisor on the shielding of radiation facilities, Medical Physics Advisor to the Government of BC on Equipment Purchases and in Radiation Safety, "Qualified Medical Physicist in Mammography" by the Canadian College of Physicists in Medicine. Qualified to perform CAR Medical Physicist's Tests since June 15, 1995, Advisor to the H-4 Committee NEXT of the Conference of Radiation Control CRCPD's, Inc. of the Food and Drug Administration (FDA), Centre for Devices and Radiological Health (CDRH). Active in development of testing for CT and Chest Radiography Advisor to the H11, Inc. CRCPD's, on Mammography. Proposed protocol to test AEC was accepted. International Member of the CRCPD's, Inc. of the FDA since 1998.

*Interests* Radiological Phantoms, Spectral Approach to X-Ray Phantom Design, Patenting research for Commercial Applications

## Publication Highlights

[authors]: [title]. [details]

## Books

- Rober Matthews, Josip Nosil: *Radiological Phantoms*. 01/2015;
- Josip Nosil: *Bermuda Radiation Safety Manual*. 01/2001;
- P. W. Ewan, H. A. Jones, Josip Nosil, Obdrzalek, Z.M.B. Hughes: *Uneven Perfusion and Ventilation Within Lung Regions Studied with Nitrogen-13*. The Year Book of Nuclear Medicine 1980 edited by James L. Quinn III, M.D, 01/1980; Year Book Medical Publishers Inc., ISBN: 0-8151-6989-2
- G. Douglas, E. Greaves, P. McOrmond, J. Nosil, P. O'Brien, M. Olien: *Radiation Protection Policy Manual*. 1980 edited by Josip Nosil, 01/1980; Published by Alberta Occupational Health and Safety, Radiation Safety Branch, Canada.
- Josip Nosil, Z. Bajzer, S. Spaventi: *Use of Kr-81m Gas for Measurement of Absolute Regional Lung Ventilation*. The Year Book of Nuclear Medicine 1978 edited by James L. Quinn III, M.D., 01/1978; Year Book Medical Publishers Inc., Chicago, London., ISBN: 0-8151-6987-6
- Josip Nosil: *Mathematics for High School*. 01/1977;
- Josip Nosil: *Physics for Economists book for students*. Several, 01/1975; Dr. Nosil and College of Economics, Zagreb, Croatia.
- Josip Nosil: *Physics for High School student's manual*. Several, 01/1975; Dr. Nosil and High School, Zagreb, Croatia.
- Josip Nosil: *Mathematics for Economy Students*. 01/1973;

## Book Chapters

- Š. SPAVENTI, J. Nosil, Ž. Bajzer, R. Pardon: *Clinical and Experimental Applications of a New Mathematical Lung Model for Krypton 81m Inhalation*. CLINICAL AND EXPERIMENTAL APPLICATION OF KRYPTON 81m, Special Report No. 15 edited by J. PETER LAVANDER, 01/1978: chapter Chapter 8; British Journal of Radiology., ISBN: 0 905749 01 4

## Journal Publications

- Josip Nosil, John CF MacDonald, Ken Situ: *Appropriate phantom for automatic exposure control compensation testing in mammography*. 01/2000; 2., DOI:10.1109/IEMBS.2000.898020
- DONALD J.M. JUSWISHIN, WOLFGANG LEHWALD, JOSIP NOSIL: *THE GREEN TILES OF RICHMOND*. Risk management in Canadian health care 05/1992; CI(MAY 1992).
- Brian J. McParland, Josip Nosil, Brian Burry: *A survey of the radiation exposures received by the staff at two cardiac catheterization laboratories*. British Journal of Radiology 12/1990; 63(755), DOI:10.1259/0007-1285-63-755-885
- Paul D. Fisher, Gerhard W. Brauer, Josip Nosil, Duncan L. Scobie, R. P. Clark, Gordon W. Ritchie, Wilhelm J. Weigl: *Comprehensive computerized medical imaging at Victoria General Hospital: final implementation plan*. Proceedings of SPIE - The International Society for Optical Engineering 08/1990;, DOI:10.1117/12.18969
- Josip Nosil, Duncan L. Scobie, Gerald C. Justice, R. P. Clark, Gordon W. Ritchie, Wilhelm J. Weigl, Hartmut Gnoyke, Paul D. Fisher: *Performance of a partial PACS and its application to the development of*

*a fully integrated digital medical imaging department in a community hospital.* Proceedings of SPIE - The International Society for Optical Engineering 08/1990;, DOI:10.1117/12.19008

- Rebecca N. Warburton, Paul D. Fisher, Josip Nosil: *Comprehensive computerized medical imaging: interim hypothetical economic evaluation.* Proceedings of SPIE - The International Society for Optical Engineering 08/1990;, DOI:10.1117/12.19022
- Rebecca N. Warburton, Paul D. Fisher, Josip Nosil, Gerhard W. Brauer, William J. Lawrence, Gordon W. Ritchie: *Digital diagnostic imaging with a comprehensive PACS: Hypothetical economic evaluation at a large community hospital.* Journal of Digital Imaging 06/1990; 3(2), DOI:10.1007/BF03170569
- Josip Nosil, Keith I. Pearce, Richard A. Stein: *Linearity and contrast scale control in computed tomography.* Medical Physics 01/1989; 16(1), DOI:10.1118/1.596396
- J Nosil, V Sethi, J Bland, R Kloiber: *Double peak attenuation method for estimating organ location.* Physics in Medicine and Biology 12/1987; 32(11), DOI:10.1088/0031-9155/32/11/003
- D E Grove, R A Stein, J Nosil: *Effect of background correction on left ventricular ejection fraction calculation through analysis of a simple cardiac model.* Medical Physics 11/1986; 13(6), DOI:10.1118/1.595824
- Richard A. Stein, Keith I. Pearce, Josip Nosil, Timothy C. Strecker: *Toward Quantitative Characterization of the Caudate Nucleus Through CT Image Enhancement.* Journal of Computer Assisted Tomography 07/1985; 9(4), DOI:10.1097/00004728-198507010-00009
- M Kveder, Z Bajzer, J Nosil: *A mathematical model for the quantitative study of left to right cardiac shunt.* Physics in Medicine and Biology 04/1985; 30(3), DOI:10.1088/0031-9155/30/3/001
- M. Zadro, J. Nosil, Z. Bajzer, A. Svarc: *LETTER TO THE EDITOR: Mean transit time measurement from wash-in and wash-out curves (nuclear medicine).* Physics in Medicine and Biology 11/1981; 26(6), DOI:10.1088/0031-9155/26/6/017
- Z Bajzer, J Nosil: *Lung ventilation model for radioactive tracer tidal breathing.* Physics in Medicine and Biology 04/1980; 25(2), DOI:10.1088/0031-9155/25/2/009
- Ivanović M., A. Gadže, Ž. Bajzer, A. Švarc, J. Nosil: *DETERMINATION OF BLOOD FLOW VELOCITY IN VEIN.*
- Pamela W. Ewan, Hazel A. Jones, J Nosil, J Obdrzalek, J.M.B. Hughes: *Uneven perfusion and ventilation within lung regions studied with nitrogen-13.* Respiration Physiology 08/1978; 34(1), DOI:10.1016/0034-5687(78)90048-8
- S. Spaventi, Josip Nosil, Z. Bajzer, R. Pardon: *Clinical and Experimental Applications of a New Mathematical Lung Model for Kr-81m Inhalation.* The British journal of radiology 01/1978; Special Report 15(Chapter 8 (1978)).
- Z Bajzer, J Nosil: *A simple mathematical lung model for quantitative regional ventilation measurement using 81Krm.* Physics in Medicine and Biology 10/1977; 22(5), DOI:10.1088/0031-9155/22/5/017
- Josip Nosil, Š. Spaventi, I. ŠLAUS: *Selektivna proizvodnja rubidijevih radioisotopa (apha, kn) reakcijama na &9 Br i 81 Br.*
- J. Nosil, Š. Spaventi, I. Šlaus: *81mKr: Production, application, and use of computer for ventilation studies.* European journal of nuclear medicine and molecular imaging 03/1977; 2(1), DOI:10.1007/BF00448099
- J Nosil, Z Bajzer, S Spaventi: *The use of 81mKr gas for the measurement of absolute regional lung ventilation.* Nuklearmedizin 03/1977; 16(1).
- Josip Nosil: *The use of 81mKr.*

J Nosil, J M B Hughes, F R Hudson, M J Myers, P W Ewan: *Functional imaging of lung ventilation using the concept of mean transit time*. Physics in Medicine and Biology 04/1976; 21(2)., DOI:10.1088/0031-9155/21/2/007

Josip Nosil, Š. Spaventi, I. ŠLAUS: *81Kr: Production, Application, and Use of Computer for Ventilation Studies*. European Journal of Nuclear Medicine 03/1976; 2(2).

S. Spaventi, Josip Nosil, I. Slaus: *The Use of a Digital Computer for Ventilation Measurements with Kr-81m..*

B. Molak, J. Nosil, K. Ilakovac: *Linear Polarization of Elastically Scattered Gamma Rays of 279 and 662 keV in Uranium*.

Josip Nosil, S. Spaventi, G. Paic, Z. Dolenac, S. Kaucic, A. Gadze: *The Measurements of Regional Lung Ventilation with Radioactive Isotopes..* Libri Oncologici 01/1975; 412(412).

## Patents

Josip Nosil: *Phantom systems and methods for diagnostic x-ray equipment*. Ref. No: US8708562B1, Year: 04/2014

## Conference Proceedings

Josip Nosil: *Responsibility and Dental X-Rays Integrated Quality Assurance/Radiation Dose Phantom* Josip Nosil, BSc, MSc, DSc.. Pacific Dental Conference, March 17-19, 2016, Vancouver, BC, Canada; 03/2016, DOI:10.13140/RG.2.2.12990.08007

Josip Nosil, KEN SITU, JOHN MACDONALD, PATRICIA BAXTER: *IMAGE QUALITY PRODUCED BY CCD CHEST UNIT*. MEDICON 2001, IX Mediterranean Conference on Medical and Biological Engineering and Computing, Pula, Croatia; 06/2001

McOrmond, Bouz, Shaffer, J. Nosil: *McOrmond, P., Bouz, J., Shaffer, E. and Nosil, J., 1979. Assessment of Hepatobiliary Function Using Tc-99m HIDA and a Computer Interfaced Gamma Camera. Abstract from the 11th Annual Meeting of the Prairie Provinces Chapter of the Society of Nuclear Medicine. Regina, April 27-28, 1979, p. 8..* 11th Annual Meeting of the Prairie Provinces Chapter of the Society of Nuclear Medicine, Regna, Canada; 04/1997

Josip Nosil, H.E. Duggan, P.R.Schmidt, P.I.Klassen: *Performance Specifications and Quality Control of Imaging Equipment in Medicine*. Society of Nuclear Medicine, SAITH, Calgary, Alberta; 04/1990

Josip Nosil, Duncan L. Scobie, Gerald C. Justice, R. P. Clark, Gordon W. Ritchie, Wilhelm J. Weigl, Hartmut Gnoyke, Paul D. Fisher: *Performance of a limited PACS and its application to the development of a fully integrated digital medical imaging department in a community hospital..* Society of Photo-Optical Instrumentation Engineers; 01/1990

Josip Nosil: *Images of the Future: Now in Victoria..* Presented at First IEEE Pacific Rim Conference on Communications, Computers, and Signal Processing,, June 1 -- 2, 1989, Victoria, B.C. Canada.; 06/1989

Josip Nosil, G. Justice, P. Fisher, G. Ritchie, W. J. Weigl, H. Gnoyke: *A Multi-Modality Picture Archive and Communication System at Victoria General Hospital*. Terry Fox Workshop in "Digital Imaging Technology for Oncology". Sponsored by the National Cancer Institute of Canada., Vancouver, British Columbia, October 19-22, 1988; 10/1988

Josip Nosil: *A Prototype Multi-Modality Picture Archive and Communication System at Victoria General Hospital*. XIV Congress of the Hungarian Radiologists,, Budapest, 24 -- 27 august 1988.; 08/1988

- Paul D. Fisher, Gerhard W. Brauer, Peter J. Hughes, Janice M. Lyle, Josip Nosil, Gordon W. Ritchie: *Clinically-Based Archive Model For A Picture Archive And Communication System*. Medical Imaging II; 06/1988, DOI:10.1117/12.968751
- J. Nosil, G. Justice, P. Fisher, G. Ritchie, W. J. Weigl, H. Gnoyke: *A Prototype Multi-Modality Picture Archive And Communication System At Victoria General Hospital*. Medical Imaging II; 06/1988, DOI:10.1117/12.968791
- G. Brauer, P. Fisher, J. Nosil, G. Ritchie: *Image Storage Requirements for PACS Predicted from Current Film Imaging Traffic in a 12 Room Imaging Department*. 51st Annual Meeting of the Canadian Association of Radiologists., Edmonton, Alberta, Canada, June 12-16, 1988.; 06/1988
- Josip Nosil: *PACS at VGH*. Engineering Institute of Canada Seminar on Biomedical Engineering in Victoria, June 9, 1988., Victoria, CB, Canada; 06/1988
- J. Nosil, D. Scobie, P. Fisher, G. Justice, A. Tsoi, G. Ritchie, W. Weigh, G. Gnoyke: *Image Transfer Performance of a Multi-Modality Picture Archive and Communication System at Victoria General Hospital*. the Annual Conference of the American Association of Physicists in Medicine in cooperation with the Association of University Radiologists, New Orleans, U.S.A., April 22-23, 1988.; 04/1988
- Josip Nosil: *Digital Project in Victoria General Hospital*. Victoria Section of the IEEE, February 16, 1988, Victoria, BC, Canada; 02/1988
- Josip Nosil, G. Justice, P. Fisher, G. Ritchie, W. Weigl, H. Gnojke: *A Prototype Multi-Modality Picture Archive and Communication System at Victoria General Hospital*. Society of Photo-Optical Instrumentation Engineers; 02/1988
- Josip Nosil, R. Rojek, R. Kloiber: *Lead Apron Effectiveness in Nuclear Medicine..* Canadian Radiation Protection Eight Annual Conference, Saskatoon, Saskatchewan, Canada, May 27-29, 1987.; 05/1987
- Josip Nosil, K.I. Pearce, R.A. Stein: *Linearity and Contrast Scale Control in Computed Tomography*. 72nd Scientific Assembly of the Radiological Society of North America, Chicago, USA, November 30-December 5.; 11/1986
- L. Strunin, Josip Nosil, R. Kloiber, D. Bukht, R. Lieu, W. Buckingham: *Strunin, L., Nosil, J., Kloiber, R., Bukht, D., Lieu, R. and Buckingham, W., 1985. Specific Liver Blood Flow Evaluation Using Inhalation of Xe-133. Presented at the 7th Annual Scientific Meeting, European Academy of Anesthesiology. Basel, Switzerland, September 5-8, 1985. Abstract in European Journal of Anesthesiology, Vol. 3, No. 1, p. 67, 1986.. 7th Annual Scientific Meeting, European Academy of Anesthesiology, Basel, Switzerland, September 5-8, 1985.; 09/1985*
- J. Nosil, R. Kloiber, D. Bukht, L. Strunin, W. Buckingham, R. Lieu: *Nosil, J., Kloiber, R., Bukht, D., Strunin, L., Buckingham, W. and Lieu, R., 1985. Specific Liver Blood Flow Evaluation Using Xe-133 Inhalation Method. Presented at the 27th Annual Meeting of the American Association of Physicists in Medicine. Seattle, Washington, August 11-15, 1985. Abstract in Medical Physics, Vol. 12, p. 532.. 27th Annual Meeting of the American Association of Physicists in Medicine. Seattle, Washington, August 11-15, 1985., Seattle, Washington, USA; 08/1985*
- J. Nosil, H. Rojek, R. Kloiber: *Nosil, J., Rojek, H. and Kloiber, R., 1984. Minimum Detectable Activity Requirements of Radionuclide for Counting System in Hospitals. Canadian Radiation Protection Fifth Annual Conference. Banff, 1984. Abstract in Health Physics, Vol. 49, No. 2, August 1985.. Canadian Radiation Protection Fifth Annual Conference, Banf, Alberta, Canada; 08/1985*
- Josip Nosil, R. Kloiber, D. Bukht, L. Strunin, W. Buckingham: *Specific Liver Blood Flow Evaluation Using Xe/133 Inhalation Method*. 1985 AAPM Annual Meeting, Seattle, Washington, USA; 07/1985

- Josip Nosil, K.I Pearce, R. Stein, T.C. Strecker: *Physics of Quantitative Evaluation of Lesions In Organic Brain Disorders*. INTER AMERICAN MEETING OF MEDICAL PHYSICS 1984 , MEDICAL PHYSICS, CHICAGO; 05/1984
- Josip Nosil: *The Organ Depth Measurement by a Peak/Compton Ratio and Double Peak Method*. INTER AMERICAN MEETING OF MEDICAL PHYSICS 1984, CHICAGO; 05/1984
- Josip Nosil, HELENA ROJEK, R. KLOIBER: *MINIMAL DETECTABLE ACTIVITY REQUIREMENTS OF RADIONUCLIDES FOR COUNTING SYSTEMS IN HOSPITALS*. CANADIAN RADIATION PROTECTION ASSOCIATION, THE BANF CENTRE, BANFF, ALBERTA, CANADA; 05/1984
- J. Nosil, R. Kloiber: *Nosil, J. and Kloiber, R., 1984. The Organ Depth Measurement by Peak/Compton and Double Peak Method. Presented at Inter-American Medical Physics Meeting. Chicago, 1984.. Inter-American Medical Physics Meeting, Chicago 1984; 01/1984*
- J. Nosil, K.I. Pearce, R. Stein, T.C. Strecker: *Nosil, Z., Pearce, K.I., Stein, R. and Strecker, T.C., 1984. Physics of Quantitative Evaluation of Lesions in Organic Brain Disorders. Presented at InterAmerican Meeting of Medical Physics. Chicago, 1984.. InterAmerican Meeting of Medical Physics. Chicago, 1984., Chicago, USA; 01/1984*
- J. Nosil, H. Rojek: *Nosil, J. and Rojek, H., 1982. Scintillation Camera Uniformity as a Function of Gamma-Ray Energy. Abstract from the World Congress on Medical Physics and Biomedical Engineering, pp. 19-21. Hamburg, September 5-11, 1982. Also in Physics in Medicine and Biology; 28, 76, 1983.. World Congress on Medical Physics and Biomedical Engineering,, Hamburg, Germany; 09/1983*
- J. Nosil, H.E. Duggan, P.R. Schmidt, P.I. Klassen: *Nosil, J., Duggan, H.E., Schmidt, P.R., Klassen, P.I., 1980. Performance Specifications and Quality Control of Imaging Equipment in Medicine. Abstract from the 43rd Annual Meeting of the Canadian Association of Radiologists. Montreal, May 10-15, 1980.. 43rd Annual Meeting of the Canadian Association of Radiologists. Montreal, May 10-15, 1980., Montreal, May 10-15, 1980.; 05/1980*
- G. Douglas, E. Greaves, P. McOrmond, J. Nosil, P. O'Brien, M. Olien: *Douglas, G., Greaves, E., McOrmond, P., Nosil, J., O'Brien, P., Olien, M., 1980. Report on the Standardization of the Handling of Medically Used Radionuclides in Calgary. Abstracts of the First Annual Meeting of The Canadian Radiation Protection Association. Montreal, May 8-9, 1980.. First Annual Meeting of The Canadian Radiation Protection Association, Montreal, Quebec, Canada; 05/1980*
- J. Nosil, H.E. Duggan, G. Fettes: *Nosil, J., Duggan, H.E., Fettes, G., 1980. Scintillation Mobile Camera Data Transfer and Processing Systems. Abstract from the 12th Annual Meeting of the Society of Nuclear Medicine. Prairie Provinces Chapter, Calgary, April 10-12, 1980.. 12th Annual Meeting of the Society of Nuclear Medicine. Prairie Provinces Chapter, Calgary, April 10-12, 1980., Calgary, Alberta, Canada; 04/1980*
- A. Davies, M. Worbets, P. McOrmond, J. Nosil, H.E. Duggan: *Davies, A., Worbets, M., McOrmond, P., Nosil, J., Duggan, H.E., 1980. GE-535 and Bone Scans: Spot Views versus Scanning Mode. Abstract from the 12th Annual Meeting of the Society of Nuclear Medicine. Prairie Provinces Chapter, Calgary, April 10-12, 1980.. 12th Annual Meeting of the Society of Nuclear Medicine. Prairie Provinces Chapter, Calgary, Alberta, Canada; 04/1980*
- J. Nosil, H.E. Duggan, P. O'Brien, G. Douglas: *Nosil, J., Duggan, H.E., O'Brien, P., Douglas, G., 1980. Performance Measurements of the Scintillation Camera. Abstract from the 12th Annual Meeting of the Society of Nuclear Medicine, Prairie Provinces Chapter. Calgary, April 10-12, 1980.. 12th Annual Meeting of the Society of Nuclear Medicine, Prairie Provinces , Canada, Calgary, April 10-12, 1980.; 04/1980*



- Josip Nosil: *Nosil, J., 1980. Quality Control of Medical Imaging. Western Canadian Medical Physics Conference. Edmonton, February 29-March 1, 1980.. Western Canadian Medical Physics Conference., Edmonton, Alberta, Canada; 02/1980*
- J. Nosil, P. McOrmond: *Digital Images, Mathematical Modeling And Physiological Parameters. 23rd Annual Technical Symposium; 02/1980, DOI:10.1117/12.958159*
- J. Nosil, P. McOrmond: *Digital Images, Mathematical Modeling And Physiological Parameters. 23rd Annual Technical Symposium; 12/1979, DOI:10.1117/12.958218*
- M. Ivanovic, A. Gadze, Z. Bajzer, A. Svarc, J. Nosil: *Ivanovic, M., Gadze, A., Bajzer, Z., Svarc, A. and Nosil, J., 1979. Determination of Blood Flow Velocity in Vein. Proceedings of the 15th Meeting of Yugoslav Nuclear Medicine Society. Banja Luka, September 26-29, 1979.. 15th Meeting of Yugoslav Nuclear Medicine Society, Banja Luka; 09/1979*
- Josip Nosil, P. McOrmond: *Digital Images, mathematical modeling and physiological parameters. THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, San Diego, California, August 29-30, 1979; 08/1979*
- P. McOrmond, J. Bouz, E. Shaffer, J. Nosil: *Assessment of Hepatobiliary function using Tc-99m H.I.D.A. and computer interfaced gamma camera. THE SOCIETY OF NUCLEAR MEDICINE PRAIRIE PROVINCES CHAPTER ANNUAL MEETING, REGINA, SASKATCHEWAN, CANADA; 04/1979*
- Josip Nosil, Ž. Bajzer: *THE EXPERIMENTAL BASE OF THE LUNG VENTILATION MODEL FOR RADIOACTIVE TIDAL BREATHING. THE SOCIETY OF NUCLEAR MEDICINE, PRAIRIE PROVINCES CHAPTER ANNUAL MEETING, APRIL 27 - 28, 1979, REGINA, SASKATCHEWAN, CANADA; 04/1979*
- Josip Nosil, and Z. Bajzer: *Nosil, J. and Bajzer, Z., 1979. The Experimental Base of the Lung Ventilation Model for Tidal Breathing. Abstract from the 11th Annual Meeting of the Prairie Provinces Chapter of the Society of Nuclear Medicine. Regina, April 27-28, 1979, p.6.. 11th Annual Meeting of the Prairie Provinces Chapter of the Society of Nuclear Medicine, Canada, Regina, Canada; 04/1979*
- M. Zadro, Z. Bajzer, J. Nosil, S. Spaventi: *The Determination of gas transit time distribution in lungs using radioactive tracer. Meeting of Yugoslav Nuclear and Particle Physicists, DUBROVNIK; 04/1979*
- Josip Nosil: *Zadro, M., Bajzer, Z., Nosil, J. and Spaventi, S., 1979. The Determination of Gas Transit Time Distribution Function in Lungs Using Radioactive Tracer Kr-81m. Proceedings of the 6th Meeting of the Yugoslav Nuclear and Particle Physicists. Dubrovnik, April 23-26, 1979, Fizika, Volume II, Supplement 1 (1979) 76.. 6th Meeting of the Yugoslav Nuclear and Particle Physicists., Dubrovnik; 04/1979*
- Josip Nosil: *THE USE OF COMPUTER FOR THE DETERMINATION OF REGIONAL SPECIFIC LUNG VENTILATION BY 81 KR M. VI MEETING OF CHEMISTS OF CROATIA, ZAGREB; 02/1979*
- Z. Bajzer, J. Nosil, S Spaventi: *Bajzer, Z., Nosil, J. and Spaventi, S., 1979. The Use of Computer for the Determination of Regional Specific Lung Ventilation with Kr-81m. Abstract from the Meeting of Chemists of Coratia and Yugoslav Symposium on the Application of Computers in Chemistry, Biochemistry and Engineering Sciences. Zagreb, February 14-16, 1979, pp. 472-473.. the Meeting of Chemists of Coratia and Yugoslav Symposium on the Application of Computers in Chemistry, Biochemistry and Engineering Sciences., Zagreb; 02/1979*
- Josip Nosil, P. McOrmond: *Nosil, J. McOrmond, P., 1979. Digital Images, Mathematical Modelling and physiological Parameters. Recent and Future Developments in Nuclear Imaging. Volume 2 06, 245-251, Editors: D.G. Brown, S.W. Smith). Published by the Society of Photo-Optical Instrumentation Engineers; also in Imaging Understanding Systems 11, Volume 205, 41- 47, Editor: C. Clark. Published by the Society of Photo- Optical Instrumentation Engineers.. Society of Photo-Optical Instrumentation Engineers; 01/1979*

- Ž. BAJZER, J. NOSIL: A MATHEMATICAL MODEL FOR REGIONAL AND WHOLE LUNG VENTILATION STUDIES WITH RADIOACTIVE TRACERS. V MEETING OF YUGOSLAV NUCLEAR PHYSICIST, PORTOROŽ; 11/1977
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