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EDUCATION

2005-2010	F.R.C.P.C - NUCLEAR MEDICINE, MCGILL UNIVERSITY, MONTREAL
2001-2005	M.D. - FACULTY OF MEDICINE, MCGILL UNIVERSITY, MONTREAL
1997-2001	B.Sc. (HON). - IMMUNOLOGY, UNIVERSITY OF TORONTO, TORONTO

PROFESSIONAL QUALIFICATIONS

2013-	COLLEGE OF PHYSICIANS AND SURGEONS OF ALBERTA LICENSE
2017-2018	COLLEGE OF PHYSICIANS AND SURGEONS OF BRITISH COLUMBIA LICENSE
2010-2014	COLLEGE OF PHYSICIANS AND SURGEONS OF MANITOBA LICENSE
2010-	NUCLEAR MEDICINE SPECIALIST AND FELLOW OF THE ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA
2008	LICENTATE OF THE MEDICAL COUNCIL OF CANADA (LMCC)

POST GRADUATE EXPERIENCE

2023 APR -	THE WELLNESS COMPANY FOUNDING MEMBER, CANADIAN MEDICAL AND SCIENTIFIC BOARD MEMBER
2013 AUG -	CROSS CANCER INSTITUTE, DEPT OF DIAGNOSTIC IMAGING, - PRIMARY PET/CT READER - LEADER OF LARGEST MEDICAL ISOTOPE THERAPY PROGRAM IN CANADA, - MANAGED 250 CANCER PATIENTS WITH 177LU-DOTATATE
2010 JUL - 2013 AUG	BRANDON REGIONAL HEALTH CENTRE, DEPT OF NUCLEAR MEDICINE, BRANDON, MB - DIRECTOR OF NUCLEAR MEDICINE 2010-2014 - GREW THIS SOLO PRACTICE BY 50% OVER 3 -YEAR SPAN - SUPERVISED EXERCISE AND PHARMACOLOGIC CARDIAC STRESS TESTS - RADIOIODINE THERAPY FOR THYROID DISEASE - ACQUIRED FIRST DIAGNOSTIC SPECT/CT IN MANITOBA, GE NM670

ACADEMIC APPOINTMENTS

2013 JUL -	UNIVERSITY OF ALBERTA, DEPTS OF RADIOLOGY & ONCOLOGY - CLINICAL ASSISTANT PROFESSOR
2011 DEC - 2013 NOV	UNIVERSITY OF MANITOBA, DEPT OF RADIOLOGY - CLINICAL LECTURER

COMMITTEES

2012 JUL – 2014 JUL	ROYAL COLLEGE SPECIALTY COMMITTEE, NUCLEAR MEDICINE VOTING MEMBER - REGION 2 (MANITOBA, SASKATCHEWAN)
2010 JUL – 2013 DEC	MANITOBA BONE DENSITY PROGRAM COMMITTEE REPRESENTATIVE FOR BRANDON, MANITOBA
2010 JUL – 2013 DEC	PROVINCIAL IMAGING ADVISORY COMMITTEE (PIAC) FOR NUCLEAR MEDICINE IMAGING EQUIPMENT (MANITOBA)

PUBLICATIONS

105. HULSCHER N, ALEXANDER PE, AMERLING R, GESSLING H, HODKINSON R, **MAKIS W**, RISCH HA, TROZZI M, MCCULLOUGH PA. A SYSTEMATIC REVIEW OF AUTOPSY FINDINGS IN DEATHS AFTER COVID-19 VACCINATION. (PREPRINT, ZENODO SERVER)
104. UVERSKY VN, REWAN EM, **MAKIS W**, RUBIO-CASILLAS A. IGG4 ANTIBODIES INDUCED BY REPEATED VACCINATION MAY GENERATE IMMUNE TOLERANCE TO THE SARS-COV-2 SPIKE PROTEIN. VACCINES 2023, 11, 991.
103. **MAKIS W**, PALAYEW M, RUSH C, PROBST S. DISSEMINATED MULTI-SYSTEM SARCOIDOSIS MIMICKING METASTASES ON 18F-FLUORODEOXYGLUCOSE POSITRON EMISSION TOMOGRAPHY / COMPUTED TOMOGRAPHY. MOL IMAGING RADIONUCL THER.2017 (ACCEPTED FOR PUBLICATION, MIRT-29200).
102. **MAKIS W**, CIARALLO A, PROBST S. PRIMARY THYROID LYMPHOMA: EXTERNAL BEAM RADIATION THERAPY INDUCED THYROIDITIS MIMICS RESIDUAL DISEASE ON SERIAL 18F-FLUORODEOXYGLUCOSE POSITRON EMISSION TOMOGRAPHY / COMPUTED TOMOGRAPHY IMAGING. MOL IMAGING RADIONUCL THER.2017 (ACCEPTED FOR PUBLICATION, MIRT-07088).
101. **MAKIS W**, HUDSON EW. UNILATERAL MUSCLE ARTEFACTS DUE TO NON-COMPLIANCE DURING UPTAKE PHASE OF 18F-FLUORODEOXYGLUCOSE POSITRON EMISSION TOMOGRAPHY / COMPUTED TOMOGRAPHY IN AN ONCOLOGIC PATIENT. MOL IMAGING RADIONUCL THER. 2017 (ACCEPTED FOR PUBLICATION, MIRT-02419).
100. **MAKIS W**, CIARALLO A, PROBST S. INFLAMMATORY AND ISCHEMIC POST LIVER TRANSPLANT COMPLICATIONS MIMIC MALIGNANCY ON 18F-FLUORODEOXYGLUCOSE POSITRON EMISSION TOMOGRAPHY/ COMPUTED TOMOGRAPHY. MOL IMAGING RADIONUCL THER. 2017 (ACCEPTED FOR PUBLICATION, MIRT-03371).
99. **MAKIS W**, CIARALLO A. THYROID INCIDENTALOMAS ON 18F-FDG PET/CT: CLINICAL SIGNIFICANCE AND CONTROVERSIES. MOL IMAGING RADIONUCL THER. 2017 (ACCEPTED FOR PUBLICATION, MIRT-94695).
98. **MAKIS W**, CIARALLO A. CLINICAL SIGNIFICANCE OF 18F-FLUORODEOXYGLUCOSE AVID PROSTATE GLAND INCIDENTALOMAS ON POSITRON EMISSION TOMOGRAPHY / COMPUTED TOMOGRAPHY. MOL IMAGING RADIONUCL THER. 2017; 26: 76-82.
97. **MAKIS W**, SAMJI K, HUNG RW, DESCHENES J. PLEOMORPHIC SPINDLE CELL SARCOMA (PSCS) (FORMERLY KNOWN AS MALIGNANT FIBROUS HISTIOCYTOMA, MFH) OF THE SPLEEN, MIMICS AN ATYPICAL HAEMANGIOMA ON ^{99m}Tc-RBC, CT AND ULTRASOUND: STAGING WITH 18F-FDG PET/CT. BJR CASE REP. 2017; 2: 20150519.
96. **MAKIS W**, BRIMO F, PROBST S. PRIMARY RENAL LEIOMYOSARCOMA PRESENTING WITH SUBCUTANEOUS AND OSSEOUS METASTASES: STAGING AND FOLLOW-UP WITH 18F-FDG PET/CT. NUCL MED MOL IMAGING. 2017. EPUB ONLINE.

95. RAHIMI B, **MAKIS W**, RIAUKA T, MCEWAN AJB, MORRISH D. 131I-MIBG THERAPY IN A NEUROENDOCRINE TUMOR PATIENT UNDERGOING DIALYSIS. CLIN NUCL MED. 2017; 42: 350-353.
94. **MAKIS W**, CIARALLO A, PETROGIANNIS-HALLOTIS T, ROSENBERG A, PROBST S. FOLLICULAR LYMPHOMA TRANSFORMING INTO DIFFUSE LARGE B-CELL LYMPHOMA IN SPLEEN: SIMULTANEOUS APPEARANCE OF BOTH ON 18F-FDG PET/CT AND HISTOLOGY. CLINICAL IMAGING. 2017; 43: 88-92.
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92. **MAKIS W**, CIARALLO A, WANG B, GONZALEZ-VERDECIA M, PROBST S. COMPOSITE CUTANEOUS LYMPHOMA (IATROGENIC IMMUNODEFICIENCY ASSOCIATED LYMPHOPROLIFERATIVE DISORDER) IN A PATIENT WITH RHEUMATOID ARTHRITIS TREATED WITH METHOTREXATE: STAGING AND EVALUATION OF RESPONSE TO THERAPY WITH 18F-FDG PET/CT. NUCL MED MOL IMAGING. 2017; 51: 261-265.
91. **MAKIS W**, HUDSON EW, CHIU B. RECURRENT FOLLICULAR DENDRITIC CELL SARCOMA OF THE PAROTID GLAND IMAGED WITH 18F-FDG PET/CT. NUCL MED MOL IMAGING. 2016. EPUB ONLINE DEC.19, 2016.
90. **MAKIS W**, HUDSON EW. KLIPPEL-FEIL SYNDROME WITH SPINAL DYSRAPHISM. DIASTOMATOMYELIA ON 18F-NAF BONE PET, CT AND MRI IMAGING. CLIN NUCL MED. 2016; 41: 405-406.
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88. **MAKIS W**. PROGRESSING SCLEROSING MESENTERITIS (MESENTERIC PANNICULITIS) MIMICS PROGRESSION OF MALIGNANCY AFTER NEOADJUVANT CHEMOTHERAPY FOR GASTRIC ADENOCARCINOMA ON SERIAL 18F-FDG PET/CT. CLIN NUCL MED. 2016; 41: 313-316.
87. **MAKIS W**, MCCANN K, MCEWAN AJB, SAWYER M. COMBINED TREATMENT WITH 131I-MIBG AND SUNITINIB INDUCES REMISSION IN A PATIENT WITH METASTATIC PARAGANGLIOMA DUE TO HEREDITARY PARAGANGLIOMA-PHEOCHROMOCYTOMA SYNDROME FROM AN SDHB MUTATION. CLIN NUCL MED. 2016; 41: 204-206.
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85. **MAKIS W**, RAKHEJA R, PROBST S. APPEARANCE OF CNS HISTOPLASMOSIS ON 18F-FDG PET/CT WITH MRI CORRELATION. BJR CASE REP. 2016; 2: 20150443.
84. **MAKIS W**, DESCHENES J. CEREBRAL AND PULMONARY LYMPHOMATOID GRANULOMATOSIS AND EBV POSITIVE OESOPHAGEAL ULCER IN AN IMMUNOSUPPRESSED RENAL TRANSPLANT PATIENT STAGED AND FOLLOWED WITH SERIAL MRI AND 18F-FDG PET/CT AFTER RITUXIMAB THERAPY. BJR CASE REP. 2016; 2: 20150503.
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- BONE DISEASE WITH ²²³Ra-DICHLORIDE ALPHA PARTICLE THERAPY IN A PATIENT WITH MALIGNANT HEREDITARY PARAGANGLIOMA-PHEOCHROMOCYTOMA SYNDROME WITH SDHB MUTATION. CLIN NUCL MED. 2016; 41: 144-147.
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79. **MAKIS W**, McCANN K, McEWAN AJB. METASTATIC INSULINOMA PANCREATIC NEUROENDOCRINE TUMOR TREATED WITH ¹⁷⁷Lu-DOTATATE INDUCTION AND MAINTENANCE PRRT: A SUGGESTED PROTOCOL. CLIN NUCL MED. 2016; 41: 53-54.
78. **MAKIS W**, McCANN K, RIAUKA TA, McEWAN AJB. ECTOPIC CORTICOTROPIN-PRODUCING NEUROENDOCRINE TUMOR OF THE PANCREAS TREATED WITH ¹⁷⁷Lu-DOTATATE INDUCTION AND MAINTENANCE PRRT. CLIN NUCL MED. 2016; 41: 50-52.
77. **MAKIS W**, McCANN K, BRYANTON M, McEWAN AJB. CARDIAC METASTASES OF NEUROENDOCRINE TUMORS TREATED WITH ¹⁷⁷Lu-DOTATATE PEPTIDE RECEPTOR RADIONUCLIDE THERAPY OR ¹³¹I-MIBG THERAPIES. CLIN NUCL MED. 2015; 40: 962-964.
76. **MAKIS W**, McCANN K, RIAUKA TA, McEWAN AJB. RESOLUTION OF HYPERRENINEMIA, SECONDARY HYPERALDOSTERONISM, AND HYPOKALEMIA WITH ¹⁷⁷Lu-DOTATATE INDUCTION AND MAINTENANCE PEPTIDE RECEPTOR RADIONUCLIDE THERAPY IN A PATIENT WITH PANCREATIC NEUROENDOCRINE TUMOR. CLIN NUCL MED. 2015; 40: 880-884.
75. **MAKIS W**, McCANN K, RIAUKA TA, McEWAN AJB. GLUCAGONOMA PANCREATIC NEUROENDOCRINE TUMOR TREATED WITH ¹⁷⁷Lu-DOTATATE INDUCTION AND MAINTENANCE PEPTIDE RECEPTOR RADIONUCLIDE THERAPY. CLIN NUCL MED. 2015; 40: 877-879.
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73. **MAKIS W**, McCANN K, McEWAN AJ. INCIDENTAL ACINIC CELL CARCINOMA OF THE PAROTID GLAND DISCORDANT ON ¹²³I-MIBG, ¹¹¹In-OCTREOTIDE, AND ¹⁸F-FDG PET/CT IN A PATIENT WITH NEUROENDOCRINE TUMOR OF THE CECUM. CLIN NUCL MED. 2015; 40: 676-678.
72. **MAKIS W**, McCANN K, BUTEAU FA, McEWAN AJB. COMPLETE RESOLUTION OF NEUROENDOCRINE TUMOR SOFT TISSUE METASTASES FOLLOWING ¹⁷⁷Lu-DOTATATE INDUCTION AND MAINTENANCE THERAPY. CLIN NUCL MED. 2015; 40: 663-666.
71. **MAKIS W**, CIARALLO A, GOTRA A, HICKESON M. CLINICAL SIGNIFICANCE OF PAROTID GLAND INCIDENTALOMAS ON ¹⁸F-FDG PET/CT. CLIN IMAGING. CLIN IMAGING. 2015; 39: 667-671.
70. BRYANTON M, **MAKIS W**. PSEUDOMYOGENIC HEMANGIOENDOTHELIOMA MIMICKING MULTIPLE MYELOMA ON ¹⁸F-FDG PET/CT, FOLLOWED BY SPONTANEOUS REGRESSION. CLIN NUCL MED. CLIN NUCL MED. 2015; 40: 579-581.
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68. **MAKIS W**, McCANN K, McEWAN AJB. THYMOMA TREATED WITH ¹⁷⁷Lu-DOTATATE INDUCTION AND MAINTENANCE PRRT. CLIN NUCL MED. 2015; 40: E278-E281.
67. **MAKIS W**, McCANN K, McEWAN AJB. MEDULLARY THYROID CARCINOMA (MTC) TREATED WITH ¹⁷⁷Lu-DOTATATE PRRT: A REPORT OF TWO CASES. CLIN NUCL MED. 2015; 40: 408-412.
66. **MAKIS W**, McCANN K, McEWAN AJB. ESTHESIONEUROBLASTOMA (OLFACTORY NEUROBLASTOMA) TREATED WITH ¹¹¹In-OCTREOTATE AND ¹⁷⁷Lu-DOTATATE PRRT. CLIN

- NUCL MED. 2015; 40: 317-321.
65. BOYCHAK O, VOS LJ, **MAKIS W**, BUTEAU FA, PERVEZ N, PARLIAMENT M, MCEWAN AJB, USMANI N. ROLE FOR 11C-CHOLINE PET IN ACTIVE SURVEILLANCE OF PROSTATE CANCER. CAN UROL ASSOC J. 2015; 9:E98-103.
 64. **MAKIS W**, MCCANN K, MCEWAN AJB. RHABDOID PAPILLARY MENINGIOMA TREATED WITH 177LU-DOTATATE PRRT. CLIN NUCL MED. 2015; 40: 237-240.
 63. **MAKIS W**, MCCANN K, MCEWAN AJB. EXTRAVENTRICULAR NEUROCYTOMA (EVN) TREATED WITH 177LU-DOTATATE INDUCTION AND MAINTENANCE THERAPIES. CLIN NUCL MED. 2015; 40: 234-236.
 62. **MAKIS W**, MCCANN K, BUTEAU FA, MCEWAN AJB. LIVER AND BONE METASTASES FROM SMALL BOWEL NEUROENDOCRINE TUMOR RESPOND TO 177LU-DOTATATE INDUCTION AND MAINTENANCE THERAPIES. CLIN NUCL MED. 2015; 40: 162-165.
 61. RAKHEJA R, **MAKIS W**, LAMBERT R, TURPIN S. INCIDENCE OF GALLIUM-67 CITRATE UPTAKE IN BROWN ADIPOSE TISSUE IN NEONATES. IMAGING MED. 2013; 5: 499-503.
 60. **MAKIS W**, KURZENCWYG D, HICKESON M. 18F-FDG PET/CT SUPERIOR TO SERUM CEA IN DETECTION OF COLORECTAL CANCER AND ITS RECURRENCE. CLIN IMAGING. 2013; 37: 1094-1097.
 59. RAKHEJA R, **MAKIS W**, TULBAH R, SKAMENE S, HOLCROFT C, NAHAL A, HICKESON M. NECROSIS ON FDG PET/CT CORRELATES WITH PROGNOSIS AND MORTALITY IN SARCOMAS. AJR 2013; 201: 170-177.
 58. **MAKIS W**, CIARALLO A, HICKESON M, DERBEKYAN V, NOVALES-DIAZ JA, LISBONA R. GASTRIC NEUROENDOCRINE CARCINOMA STAGED AND FOLLOWED WITH 18F-FDG PET/CT – A REPORT OF 3 CASES. CLIN NUCL MED. 2013; 38: 447-450.
 57. **MAKIS W**, CIARALLO A, RUSH C, HICKESON M. INFECTIOUS AND INFLAMMATORY COMPLICATIONS OF SURGICAL MANAGEMENT OF CANCER PATIENTS IMAGED WITH 18F-FDG PET/CT: A PICTORIAL ESSAY. CLIN IMAGING. 2013; 37: 669-679.
 56. **MAKIS W**, RAKHEJA R, NAHAL A, HICKESON M, LISBONA R. URINARY BLADDER LEIOMYOSARCOMA – STAGING WITH 18F-FDG PET/CT. CLIN NUCL MED. 2013; 38: e218-222.
 55. **MAKIS W**, CIARALLO A, RAKHEJA R, PROBST S, HICKESON M, RUSH C, NOVALES-DIAZ JA, DERBEKYAN V, STERN J, LISBONA R. SPECTRUM OF MALIGNANT RENAL AND URINARY BLADDER TUMORS ON 18F-FDG PET/CT: A PICTORIAL ESSAY. CLIN IMAGING. 2012; 36: 660-673.
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 50. CIARALLO A, **MAKIS W**, NOVALES-DIAZ JA, LISBONA R. SARCOMATOID CARCINOMA (CARCINOSARCOMA) OF THE LUNG MIMICS MALIGNANT PLEURAL MESOTHELIOMA ON 18F-FDG PET/CT – A REPORT OF 2 CASES. CLIN NUCL MED. 2012; 37: 416-419.

49. **MAKIS W**, CIARALLO A, HICKESON M. THE USE OF 18F-FDG PET/CT IN COWDEN SYNDROME TO DIFFERENTIATE MULTIFOCAL GASTRIC CARCINOMA FROM EXTENSIVE BENIGN GASTRIC POLYPOSIS. CLIN NUCL MED. 2012; 37: 311-314.
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46. **MAKIS W**, CIARALLO A, ABIKHZER G, STERN J. DESMOID TUMOR (AGGRESSIVE FIBROMATOSIS) OF THE COLON MIMICS MALIGNANCY ON DUAL TIME POINT 18F-FDG PET/CT IMAGING. BRIT J RADIOL. 2012; 85: E37-E40.
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44. **MAKIS W**, CIARALLO A, NOVALES-DIAZ JA. LUNG ADENOCARCINOMA STAGED AS AN UNKNOWN PRIMARY PRESENTING WITH SYMPTOMATIC COLON METASTASES: STAGING BY 18F-FDG PET/CT. NUCL MED MOL IMAGING. 2011; 45: 314-318.
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41. AL-HAKAMI HA, **MAKIS W**, ANAND S, MLYNAREK A, BLACK MJ, STERN J, PAYNE RJ, HIER MP. HEAD AND NECK INCIDENTALOMAS ON POSITRON EMISSION TOMOGRAPHIC SCANNING: IGNORE OR INVESTIGATE? J OTOLARYNGOL HEAD NECK SURG. 2011; 40: 384-390.
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 31. CIARALLO A, **MAKIS W**, DERBEKYAN V. PRIMARY PERIPHERAL T-CELL LYMPHOMA OF THE COLON MIMICS INFLAMMATORY BOWEL DISEASE: A POTENTIAL PITFALL WITH F-18 FDG PET/CT IMAGING. CLIN NUCL MED. 2011; 36: E61-E64.
 30. **MAKIS W**, CIARALLO A, NAHAL A, DERBEKYAN V. MALIGNANT EPITHELIOID HEMANGIOENDOTHELIOMA OF THE LOWER EXTREMITY: STAGING WITH F-18 FDG PET/CT. CLIN NUCL MED. 2011; 36: 590-592.
 29. **MAKIS W**, CIARALLO A, HICKESON M, DERBEKYAN V. RAPIDLY GROWING COMPLEX FIBROADENOMA WITH SURROUNDING DUCTAL HYPERPLASIA MIMICS BREAST MALIGNANCY ON SERIAL F-18 FDG PET/CT IMAGING. CLIN NUCL MED. 2011; 36: 576-579.
 28. **MAKIS W**, CIARALLO A, DERBEKYAN V, LISBONA R. HISTIOCYTIC SARCOMA INVOLVING LYMPH NODES: IMAGING APPEARANCE ON GALLIUM-67 AND 18F-FDG PET/CT. CLIN NUCL MED. 2011; 36: E37-38.
 27. **MAKIS W**, RUSH C. LIVER HERNIATION THROUGH THE FORAMEN OF MORGAGNI: A PITFALL IN ONCOLOGIC F-18 FDG PET/CT EVALUATION OF THE ANTERIOR MEDIASTINUM. CLIN NUCL MED. 2011; 36: 491-493.
 26. **MAKIS W**, CIARALLO A, HICKESON M, DERBEKYAN V. ANGIOMATOID FIBROUS HISTIOCYTOMA: STAGING AND EVALUATION OF RESPONSE TO THERAPY WITH F-18 FDG PET/CT. CLIN NUCL MED. 2011; 36: 376-379.
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 24. CIARALLO A, **MAKIS W**, HICKESON M, DERBEKYAN V. MALIGNANT PERIVASCULAR EPITHELIOID CELL TUMOR (PECOMA) OF THE UTERUS: SERIAL IMAGING WITH F-18 FDG PET/CT FOR SURVEILLANCE OF RECURRENCE AND EVALUATION OF RESPONSE TO THERAPY. CLIN NUCL MED. 2011; 36: E16-E19.
 23. RAKHEJA R, **MAKIS W**, HICKESON M. EXTRAOVARIAN PRIMARY PERITONEAL CARCINOMA: STAGING WITH 18F-FDG PET/CT. ABDOM IMAGING. 2012; 37: 304-308.
 22. **MAKIS W**, RUSH C, ABIKHZER G. NECROTIC PSEUDOTUMOR CAUSED BY A METAL-ON-METAL TOTAL HIP PROSTHESIS: IMAGING CHARACTERISTICS ON 18F-FDG PET/CT AND CORRELATIVE IMAGING. SKELETAL RADIOL. 2011; 40: 773-777.
 21. CIARALLO A, **MAKIS W**, NOVALES-DIAZ JA. INCIDENTAL PAPILLARY THYROID CARCINOMA IN A PATIENT PRESENTING WITH GRAVES' HYPERTHYROIDISM AND CONCOMITANT OBSTRUCTIVE SEQUESTERED INTRATHORACIC MULTINODULAR GOITER. CLIN NUCL MED. 2011; 36: 145-147.
 20. **MAKIS W**, NOVALES-DIAZ JA, HICKESON M. INTRAOCULAR LYMPHOMA AND CENTRAL NERVOUS SYSTEM LYMPHOMA INVOLVING THE HYPOTHALAMUS: STAGING AND EVALUATION OF RESPONSE TO THERAPY WITH F-18 FDG PET/CT. CLIN NUCL MED. 2010; 35: 956-959.
 19. **MAKIS W**, HICKESON M, NOVALES-DIAZ JA. UNSUSPECTED SYNCHRONOUS THYROID CARCINOMA REVEALED ON A POST-THERAPY F-18 FDG PET/CT, IN A PATIENT WITH FOLLICULAR LYMPHOMA. CLIN NUCL MED. 2010; 35: 879-881.
 18. **MAKIS W**, HICKESON M, BLUMENKRANTZ M. DERMATOPATHIC LYMPHADENITIS: A PITFALL FOR LYMPHOMA EVALUATION BY F-18 FDG PET/CT. CLIN NUCL MED. 2010; 35: 872-874.
 17. **MAKIS W**, STERN J. HEPATITIS C-RELATED PRIMARY EFFUSION LYMPHOMA OF THE PLEURA AND PERITONEUM, IMAGED WITH F-18 FDG PET/CT. CLIN NUCL MED. 2010; 35: 797-799.

16. **MAKIS W**, STERN J. CHRONIC VASCULAR GRAFT INFECTION WITH FISTULA TO BONE CAUSING VERTEBRAL OSTEOMYELITIS, IMAGED WITH F-18 FDG PET/CT. CLIN NUCL MED. 2010; 35: 794-796.
15. **MAKIS W**, HICKESON M, DERBEKYAN V. MYELOID SARCOMA PRESENTING AS AN ANTERIOR MEDIASTINAL MASS INVADING THE PERICARDIUM: SERIAL IMAGING WITH F-18 FDG PET/CT. CLIN NUCL MED. 2010; 35: 706-709.
14. **MAKIS W**, LISBONA R, DERBEKYAN V. HODGKIN LYMPHOMA POST-TRANSPLANT LYMPHOPROLIFERATIVE DISORDER FOLLOWING PEDIATRIC RENAL TRANSPLANT. CLIN NUCL MED. 2010; 35: 704-705.
13. **MAKIS W**, DERBEKYAN V, NOVALES-DIAZ JA. PULMONARY LIGHT AND HEAVY CHAIN DEPOSITION DISEASE: A PITFALL FOR LUNG CANCER EVALUATION WITH F-18 FDG PET/CT. CLIN NUCL MED. 2010; 35: 640-643.
12. **MAKIS W**, LISBONA R. AGGRESSIVE VARIANT OF PRIMARY CUTANEOUS ANAPLASTIC LARGE T-CELL LYMPHOMA: A NEW ROLE FOR 18F-FDG PET/CT. CLIN NUCL MED. 2010; 35: 598-600.
11. **MAKIS W**, NOVALES-DIAZ JA, HICKESON M. PRIMARY THYROID OSTEOSARCOMA: STAGING AND EVALUATION OF RESPONSE TO THERAPY WITH F-18 FDG PET-CT. CLIN NUCL MED. 2010; 35: 517-520.
10. **MAKIS W**, DERBEKYAN V, HICKESON M. PRIMARY MEDIASTINAL LARGE B-CELL LYMPHOMA (THYMIC LYMPHOMA) IMAGED WITH 18F-FDG PET-CT. CLIN NUCL MED. 2010; 35: 421-424.
9. **MAKIS W**, NOVALES-DIAZ JA, LISBONA R. CARDIAC T-CELL LYMPHOMA IMAGED WITH 18F-FDG PET-CT AND CORRELATIVE IMAGING. CLIN NUCL MED. 2010; 35: 332-334.
8. **MAKIS W**, ABIKHZER G, STERN J. INCIDENTAL EARLY STAGE ENDOMETRIAL ADENOCARCINOMA DIAGNOSED BY F-18 FDG PET-CT, NEGATIVE ON ULTRASOUND AND NON-SPECIFIC ON MRI. CLIN NUCL MED. 2010; 35: 265-266.
7. **MAKIS W**, LAMBERT R. MYOSITIS OSSIFICANS MIMICS AN OSTEOID OSTEOMA, A PITFALL FOR Tc-99m MDP PLANAR AND SPECT SCINTIGRAPHY. CLIN NUCL MED. 2010; 35: 175-177.
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3. **MAKIS W**, ABIKHZER G, RUSH C. HYPERTROPHIC PULMONARY OSTEOARTHROPATHY DIAGNOSED BY FDG PET-CT IN A PATIENT WITH LUNG ADENOCARCINOMA. CLIN NUCL MED. 2009; 34: 625-627.
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CLINICAL TRIALS

NAME OF TRIAL	AGENT INVESTIGATORS SPONSORS	DESCRIPTION
BIAS COMPLETED: OCTOBER 30, 2013	11C-CHOLINE PET/CT DR.NAWAID USMANI	CAN 11C-CHOLINE PET/CT DETECT DISEASE PROGRESSION IN ACTIVE SURVEILLANCE OF PROSTATE CANCER? (BIAS: BIOLOGICAL INVESTIGATIONS IN ACTIVE SURVEILLANCE) ROLE: PET/CT IMAGING
PETPRO INITIATED: MARCH 10, 2014	11C-CHOLINE PET/CT DR. J.O. AMANIE	A PROSPECTIVE SINGLE-ARM PHASE I/II STUDY USING 11C-CHOLINE PET SCANS FOR DOSE ESCALATED HYPOFRACTIONATED IMAGE GUIDED INVERSELY PLANNED INTENSITY MODULATED EXTERNAL BEAM RADIOTHERAPY WITH BOOST TO PET DEFINED DOMINANT INTRAPROSTATIC LESIONS AND AS A PREDICTIVE FACTOR FOR BIOCHEMICAL DISEASE-FREE SURVIVAL IN PATIENTS WITH LOCALIZED PROSTATE CANCER ROLE: CO-INVESTIGATOR
TX-LUT-001 INITIATED: APRIL 29, 2014	177LU-DOTATATE DR.A.J.B McEWAN DR.V.MAKIS CANCER CONTROL ALBERTA	AN OPEN LABEL PHASE II, REGISTRY STUDY OF LUTETIUM-177(DOTA0,TYR3)OCTREOTATE (LU-DOTA-TATE) TREATMENT IN PATIENTS WITH SOMATOSTATIN RECEPTOR POSITIVE TUMOURS ROLE: CO-INVESTIGATOR

ABSTRACTS / PRESENTATIONS

2016

EUROPEAN NEUROENDOCRINE TUMOR SOCIETY (ENETS)
2016 ANNUAL MEETING, MARCH 9-11, 2016
BARCELONA, SPAIN

ORAL PRESENTATION:

McEWAN A, WIELER M, **MAKIS W**, McMULLEN T, MORRISH D, MACLEOD
S, SCHRADER L, SAWYER M
INDUCTION AND MAINTENANCE REGIMEN WITH PEPTIDE RECEPTOR
RADIONUCLIDE THERAPY (PRRT) LU-177-DOTA-TATE (LU-177) IN
PATIENTS WITH ADVANCED NEUROENDOCRINE TUMOURS (NET)
NEUROENDOCRINOLOGY 2016, 103 (SUPPL 1):94 (N12)

2014

CANADIAN UROLOGICAL ASSOCIATION 2014 ANNUAL MEETING,
JUNE 28 – JULY 1, 2014
ST.JOHN'S, NL, CANADA

POSTER PRESENTATION:

BOYCHAK A, **MAKIS W**, BUTEAU FA, PERVEZ N, PARLIAMENT M, McEWAN
AJ, USMANI N
CAN 11C-CHOLINE PET/CT DETECT DISEASE PROGRESSION IN ACTIVE
SURVEILLANCE OF PROSTATE CANCER?

2012

SOCIETY OF NUCLEAR MEDICINE (SNM) 2012 ANNUAL
MEETING, JUNE 9-13, 2012
MIAMI, FL, USA

ORAL PRESENTATION:

CIARALLO A, **MAKIS W**, GOTRA A, HICKESON M
SIGNIFICANCE OF INCIDENTAL PAROTID 18F-FDG UPTAKE ON
PET/CT AND ITS IMPACT ON PATIENT MANAGEMENT
J NUCL MED. 2012; 53 (SUPPLEMENT 1): 448

ORAL PRESENTATION:

CIARALLO A, **MAKIS W**, ZAKHARI A, HICKESON M
SIGNIFICANCE OF INCIDENTAL PROSTATE 18F-FDG UPTAKE ON
PET/CT AND ITS IMPACT ON PATIENT MANAGEMENT
J NUCL MED. 2012; 53 (SUPPLEMENT 1): 56

POSTER PRESENTATION:

CIARALLO A, **MAKIS W**, BATTAT R, CURTIS J, ZENG H, HICKESON M
SIGNIFICANCE OF INCIDENTAL THYROID 18F-FDG UPTAKE ON
PET/CT AND ITS IMPACT ON PATIENT MANAGEMENT
J NUCL MED. 2012; 53 (SUPPLEMENT 1): 2042

2012

**CANADIAN ASSOCIATION OF NUCLEAR MEDICINE (CANM)
2012 ANNUAL MEETING, MAY 2-5, 2012
OTTAWA, ON, CANADA**

ORAL PRESENTATION:

RAKHEJA R, **MAKIS W**, TULBAH R, SKAMENE S, HOLCROFT C, NAHAL A,
TURCOTTE R, HICKESON M
**NECROSIS ON 18F-FDG PET/CT CORRELATES WITH PROGNOSIS AND
MORTALITY IN SARCOMAS**

2011

**AMERICAN ROENTGEN RAY SOCIETY (ARRS)
2011 (111TH) ANNUAL MEETING, MAY 1-6, 2011
CHICAGO, ILLINOIS, USA**

ELECTRONIC EXHIBIT E560:

ABIKHZER G, **MAKIS W**, DERBEKYAN V, HICKESON M, LISBONA R
SPECTRUM OF AIDS FINDINGS ON FDG PET/CT

2011

**CANADIAN ASSOCIATION OF NUCLEAR MEDICINE (CANM)
2011 ANNUAL MEETING, APRIL 27-30, 2011
NIAGARA FALLS, ON, CANADA**

ORAL PRESENTATION:

RAKHEJA R, **MAKIS W**
**ROUND CELL LIPOSARCOMA PRESENTING AS AN FDG POSITIVE PRIMARY
WITH A FDG NEGATIVE RETROPERITONEAL METASTASIS: A PITFALL FOR
18F-FDG PET-CT IMAGING
WINNER OF THE ERIC LEPP PRIZE**

2010

**CANADIAN SOCIETY OF OTOLARYNGOLOGY AND HEAD & NECK SURGERY
2010 (64TH) ANNUAL MEETING, MAY 23-25, 2010
NIAGARA FALLS, ON, CANADA**

ORAL PRESENTATION:

AL-HAKAMI HF, HIER M, BLACK M, MLYNAREK A, PAYNE R, STERN J,
MAKIS W, ANAND S
HEAD & NECK INCIDENTALOMAS ON PET SCAN IGNORE OR INVESTIGATE

2008

**SOCIETY OF NUCLEAR MEDICINE (SNM) 2008 ANNUAL MEETING,
JUNE 14-18, 2008
NEW ORLEANS, LA, USA**

ORAL PRESENTATION:

MAKIS W, HICKESON M, DERBEKYAN V, NOVALES-DIAZ X, LISBONA R,
KURZENCWYG D
**PET-CT AND CEA IN THE DETECTION OF COLORECTAL CANCER
*J NUCL MED. 2008; 49 (SUPPLEMENT 1): 43P***

HONOURS AND AWARDS

2011	CANADIAN ASSOCIATION OF NUCLEAR MEDICINE 2011 ANNUAL MEETING ERIC LEPP PRIZE WINNER (NIAGARA FALLS, ON, CANADA)
2001	B.Sc. (HON) IMMUNOLOGY, FIRST CLASS HONOURS WITH DISTINCTION UNIVERSITY OF TORONTO, TORONTO, CANADA
2001	CANADIAN GENETIC DISEASES NETWORK SUMMER SCHOLARSHIP SUPERVISOR: DR.K.SIMINOVITCH SAMUEL LUNENFELD RESEARCH INSTITUTE, MT SINAI HOSP, TORONTO
1997-2001	UNIVERSITY OF TORONTO ADMISSION SCHOLARSHIP (1 TIME WINNER) UNIVERSITY OF TORONTO SCHOLAR (4 TIME WINNER) DEAN'S LIST SCHOLAR, UNIVERSITY OF TORONTO (4 TIME WINNER) J.S.MACLEAN UNIVERSITY COLLEGE ADMISSION SCHOLARSHIP UNIVERSITY OF TORONTO (4 TIME WINNER) DR. J.A. & C.P. DICKSON SCHOLARSHIP FOR SCIENCES AND MATH UNIVERSITY OF TORONTO (3 TIME WINNER)
1997, 1999	1997 NATIONAL CHAMPION, 1999 NATIONAL FINALIST CLASSICAL GUITAR CANADIAN MUSIC COMPETITION SCHOLARSHIP 1997, 1999 CANADIAN MUSIC COMPETITION, TORONTO, CANADA
1997	GOVERNOR GENERAL'S ACADEMIC MEDAL, ONTARIO, CANADA
1993, 1996	PROVINCIAL WINNER, CLASSICAL GUITAR ROYAL CONSERVATORY OF MUSIC TORONTO, ONTARIO, CANADA
1995-1996	INTERNATIONAL CHAMPION, CANADIAN CHAMPION INTERNATIONAL MATHEMATICS TOURNAMENT OF THE TOWNS HOSTED BY THE RUSSIAN ACADEMY OF SCIENCES & DEPARTMENT OF MATHEMATICS, UNIVERSITY OF TORONTO, CANADA
1995	HONOR ROLL, MERIT ROLL - AMERICAN MATHEMATICS COMPETITIONS MATHEMATICAL ASSOCIATION OF AMERICA
1994, 1996	1994 NATIONAL CHAMPION (PASCAL CONTEST) 1996 NATIONAL HONOR ROLL (FERMAT CONTEST) CANADIAN MATHEMATICS COMPETITION CENTRE FOR EDUCATION IN MATHEMATICS AND COMPUTING UNIVERSITY OF WATERLOO, CANADA

TEACHING

2015 APR.22 - **U OF ALBERTA ROYAL COLLEGE PRACTICE ORAL EXAM**
2014 APR.21-24 - 280 NUCLEAR MEDICINE CASES
- 2015: PGY-7 DR. WINSTON YING
- 2014: PGY-7 DR. MATTHEW KURUVILLA, DR. PARVEEN SUNNER

2015 FEB.20 - **ROYAL COLLEGE EXAM REVIEW COURSE IN NUCLEAR MEDICINE**
- SPONSORED BY UNIVERSITY OF ALBERTA
- LECTURE: NUCLEAR MEDICINE THERAPY

2015 JAN.5, FEB.2 - **U OF ALBERTA NUCLEAR MEDICINE RESIDENCY ACADEMIC HALF-DAY**
- FEB.2 LECTURE: RADIOBIOLOGY
- JAN.5 LECTURE: RADIOISOTOPE THERAPIES

2014 OCT.21 - **RADONC CLINICAL PHYSICS MONTH (CCI)**
2013 OCT.29 - LECTURE: RADIONUCLIDE THERAPY

2009-2010 **CHIEF RESIDENT OF NUCLEAR MEDICINE, MCGILL UNIVERSITY**
- CREATED 1600 TEACHING FILES (680 PET, 540 GENERAL NUCLEAR MEDICINE, 380 PEDIATRIC NUCLEAR MEDICINE)
DONATED TO MCGILL UNIVERSITY IN 2010

- **AUTHORED A 608-PAGE MANUSCRIPT "NUCLEAR MEDICINE REVIEW NOTES", WHICH WAS DONATED TO MCGILL UNIVERSITY, UNIVERSITÉ DE MONTRÉAL AND UNIVERSITY OF WESTERN ONTARIO IN 2010.**

MEMBERSHIP IN PROFESSIONAL SOCIETIES

CANADIAN ASSOCIATION OF NUCLEAR MEDICINE
SOCIETY OF NUCLEAR MEDICINE AND MOLECULAR IMAGING
INTERNATIONAL SOCIETY OF CLINICAL DENSITOMETRY (ISCD)
ALBERTA MEDICAL ASSOCIATION
CANADIAN MEDICAL ASSOCIATION

REFERENCES

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