CURRICULUM VITAE

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PLACE OF BIRTH: Zacatecas, Zacatecas, Mexico

CITIZENSHIP: Mexican

EDUCATION:

08/1995 – 06/2001 Universidad de Monterrey (UDEM), School of Medicine. Nuevo Leon, Mexico.

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/2000 – 06/2001 Medical and Surgical Internship Instituto Nacional de Ciencias Médicas y Nutrición "Salvador Zubirán". Mexico City

07/2001 – 06/2002 Social Service in Clinical Research Department of Hospital Epidemiology and Quality in Medical Services. Instituto Nacional de Ciencias Médicas y Nutrición "Salvador Zubirán". Mexico City

03/2003 – 02/2006 Diagnostic Radiology Residency Department of Radiology Instituto Nacional de Ciencias Médicas y Nutrición "Salvador Zubirán". Mexico City

07/2009 – 06/2010 Thoracic Imaging Fellowship, Froedtert Memorial Lutheran Hospital Medical College of Wisconsin

07/2010 – 06/2011 Digital Imaging Fellowship, Froedtert Memorial Lutheran Hospital Medical College of Wisconsin

07/2011 – 06/2012 Musculoskeletal Radiology Fellowship, Froedtert Memorial Lutheran Hospital Medical College of Wisconsin

07/2012 – 06/2013 Breast Imaging Fellowship, Froedtert Memorial Lutheran Hospital Medical College of Wisconsin

MILITARY SERVICE:

None

FACULTY APPOINTMENTS:

06/2017 – Present Assistant Professor, Department of Radiology, Division of Diagnostic Radiology, Section of Cardiothoracic Imaging, Medical College of Wisconsin.

07/2013 – 06/2017 Faculty/Partner, Grupo CT Scanner. Mexico City, Mexico

07/2013 – 06/2014 Assistant Professor, Department of Radiology Instituto Nacional de Cardiología "Ignacio Chávez" Mexico City, Mexico.

04/2006 – 06/2009 Assistant Professor, Department of Radiology "Adan Pitol Croda" Instituto Nacional de Ciencias Médicas y Nutrición "Salvador Zubirán" Mexico City, Mexico.

11/2008 – 03/2009 Assistant Professor, Department of Computed Tomography, Department of Radiology Instituto Nacional de Cardiología "Ignacio Chávez" Mexico City

ADMINISTRATIVE APPOINTMENTS:

07/2015 – 06/2017 Medical Director, CT Scanner de México, Grupo CT Scanner, Mexico City, Mexico.

07/2014 – 06/2017 Section Chief, Magnetic Resonance, CT Scanner de Mexico, Grupo CT Scanner, Mexico City, Mexico.

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

03/2015 – 02/2018 Program director Musculoskeletal Imaging Fellowship. Universidad Nacional Autonoma de Mexico. Grupo CT Scanner. Mexico City. Mexico.

HOSPITAL STAFF PRIVILEGES:

2017 Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI 53226

2017 St. Joseph's Hospital, 5000 W. Chambers, Milwaukee, WI 53210

SPECIALTY BOARDS AND CERTIFICATION:

Board Certified	Issue Date	Expiration
American Board of Radiology	10/2013	03/2019
Mexican Board of Radiology	03/2006	12/2021

Certificates	Issued By	Issue Date	Expiration
BLS	American Heart Association	05/2018	05/2019
ACLS	American Heart Association	11/2017	11/2019

Licensure	Number	Issue Date	Expiration
Wisconsin License	56949-20	03/2012	10/2019

AWARDS AND HONORS:

02/2016 Excellence in education. Grupo CT Scanner. Mexico City. Mexico.
12/2013 Diagnosis Please Award. Radiological Society of North America
08/2001 Distinguished student, of the School of Medicine, Universidad de Monterrey. Monterrey NL. Mexico.

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

12/2016 - Present American Roentgen Ray Society
10/2013 - Present American Board of Radiology
03/2006 - Present Mexican Board of Radiology
12/2009 - Present Society of Thoracic Radiology
07/2004 - Present Radiological Society of North America
02/2004 - Present Mexican Society of Radiology

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

EDITORIAL BOARD:

06/2011 – Present Endoscopia Asociacion Mexicana de Endoscopia Gastrointestinal

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

01/2014 – 12/2017 Education Exhibits Committee - Musculoskeletal Subcommittee – Radiological Society of North America.
01/2018 – 12/2021 Education Exhibits Committee - Musculoskeletal Subcommittee – Radiological Society of North America.

INVITED LECTURES/WORKSHOPS/PRESENTATIONS (must be invited to present):

National

Sosa-Lozano LA. Liver Specific Contrast Agents and MR Elastography. Colegio Interamericano de Radiologia (CIR). Radiological Society of North America (RSNA). Chicago IL, 11/28/14 – 12/03/14

International

Sosa-Lozano LA. What is new in Acute and Chronic Pulmonary Embolism. 11 Latin American Thoracic Society. Mexico City, Mexico. 06/27/18 – 06/30/18.

Sosa-Lozano LA. Atelectasis. LI International Course of Radiology. Sociedad Mexicana de Radiologia. Mexico City, Mexico. 02/15/17 – 02/18/17.

Sosa-Lozano LA. Pelvic and Hip Pathology in Soccer Players. French Society of Radiology. 64 Journees Francophones de Radiologie. Paris, France. 10/12/16 – 10/16/16

Sosa-Lozano LA. Diagnostic Panel. L International Course of Radiology. Sociedad Mexicana de Radiologia. Mexico City, Mexico. 02/17/16 – 02/20/16.

Sosa-Lozano LA. MR Evaluation of the TFCC (triangular fibrocartilage complex) and Intrinsic Wrist Ligaments. XLIX International Course of Radiology. Sociedad Mexicana de Radiologia. Mexico City, Mexico. 02/18/15 – 02/21/15.

Sosa-Lozano LA. Abdominal imaging in Oncology. European Congress in Radiology. European Society of Radiology. Vienna, Austria. 03/06/14 – 03/10/14.

Sosa-Lozano LA. Update in Acute Pancreatitis. XLVIII International Course of Radiology. Sociedad Mexicana de Radiologia. Mexico City. Mexico 01/22/14 - 01/25/14.

Sosa-Lozano LA. Sonographic Evaluation of Ectopic Pregnancy. XII Annual Ultrasound Course. Sociedad Mexicana de Radiologia. Mexico City. Mexico. 09/04/13 – 09/07/13.

Sosa-Lozano LA. Sonographic Evaluation of Diffuse Liver Disease. XII Annual Ultrasound Course. Sociedad Mexicana de Radiologia. Mexico City. Mexico. 09/04/13 – 09/07/13.

Sosa-Lozano LA. Sonographic Evaluation of Renal Cysts. VII Annual Ultrasound Course. Sociedad Mexicana de Radiologia. Mexico City, Mexico. 09/12/08 – 09/15/08.

Sosa-Lozano LA. Imaging of Pulmonary Infections. XLII Annual Course of Radiology. Sociedad Mexicana de Radiologia. Mexico City, Mexico. 01/30/08 – 02/03/08.

Sosa-Lozano LA. Carotid Doppler. International Course of Atherosclerosis. Sociedad Mexicana de Cardiologia. Queretaro, Qro. Mexico. 04/19/07 – 04/21/07.

Sosa-Lozano LA. Sonographic Evaluation of Hyperparathyroidism. IV Annual Ultrasound Course. Sociedad Mexicana de Radiologia. 09/14/05 – 09/17/05.

PEER REVIEWED WORKSHOPS/PRESENTATIONS (must have abstract or submission peer reviewed before asked to present):

International

Cardenas Zeivy EM, **Sosa-Lozano LA**, Carbajosa Martinez MJ, Orozco Topete R. Utility of High Frequency Ultrasound to Characterize Tumor Skin Lesions. International League of Dermatological Societies 21st World Congress of Dermatology, Buenos Aires Argentina, 09/30/07.

Lopez-Cruz AL, Kimura-Hayama ET, **Sosa-Lozano LA**, Rivas-Bezaury P. Ultrasound Evaluation of Complications in Renal Transplant. III Annual Ultrasound Course. Sociedad Mexicana de Radiologia. Mexico City, Mexico, 09/14/04 – 09/17/04.

Sosa-Lozano LA, Kimura-Hayama ET, Lopez-Cruz AL, Teliz-Meneses MA. Adrenal Imaging. XXXVIII Annual Course of Radiology. Sociedad Mexicana de Radiologia. Mexico City, Mexico. 02/04/04 – 02/08/04.

Sosa-Lozano LA, Teliz-Meneses MA. Pancreatic Insulinoma. XXXVIII Annual Course of Radiology. Sociedad Mexicana de Radiologia. Mexico City, Mexico. 02/04/04 – 02/08/04.

Kimura-Hayama ET, **Sosa-Lozano LA**, Mendoza JJ. Utility of Knee Ultrasound. II Annual Ultrasound Course. Sociedad Mexicana de Radiologia. Mexico City, Mexico. 09/12/03 - 09/15/03.

Sosa-Lozano LA, Ponce de Leon-Rosales S, Rangel-Frausto MS. Risk factors for Non-infectious Adverse Events in Hospitalized Patients. IV Panamerican Course of Hospital Epidemiology and Infection Control. Cancun Q. Roo, Mexico 11/27/02 – 11/30/02.

National

Norton-Gregory A, Shahir K, **Sosa-Lozano LA**, Sonavane S, Dhiraj Baruah. Beware of lesions mimicking neoplasms of the right atrium. American Roentgen Ray Society (ARRS). Honolulu 05/05/19 – 05/11/19.

Demko L, **Sosa-Lozano LA,** Laste Z, Wein M, Dhiraj D. Lessons learned from FFR CT our 2 and half years' experience. Society of Thoracic Radiology (STR). Savannah Georgia March 2019.

Demko L, **Sosa-Lozano LA,** Dhiraj D, Laste Z, Wein M. Thoracic manifestations of amyloidosis- how radiologists can help make the diagnosis. Society of Thoracic Radiology (STR). Savannah Georgia March 2019.

Demko L, Dhiraj D, Laste Z, Wein M, **Sosa-Lozano LA**. Computed tomography for preprocedural planning of mitral valve replacement. What the Cardiothoracic Surgeon/Interventional Cardiologist need to know? Society of Thoracic Radiology (STR). Savannah Georgia March 2019.

Meyer B, Norton- Gregory A, Demko L, Baginski B, Laste Z, Baruah D, Wein M, Criales S, **Sosa-Lozano LA.** "I can see your halo" A review of the halo and reverse halo signs. Radiological Society of North America (RSNA). Chicago IL 11/25/18 – 11/30/18.

Norton-Gregory A, Meyer B, Demko L, Baginski B, Laste Z, Baruah D, Wein M, Criales S, **Sosa-Lozano LA.** Upper Lobe Predominant Diseases: An Approach to Diagnosis. 104th Annual meeting. Radiological Society of North America (RSNA). Chicago IL 11/25/18 – 11/30/18.

Dhiraj B, **Sosa-Lozano LA**, Scott B, Zachary L, Kaushik S. Ways to reduce iodinated contrast dose in elderly patients for TAVR scans. Society of Thoracic Radiology (STR) 2018. Austin, Texas

Shnayderman D, Mulligan M, Laste Z, Wein M, **Sosa-Lozano LA**. Transition to 24/7/365 In-House Faculty Coverage: Improving Patient Quality and Safety While Maintaining the Integrity of Resident Education. 103th Annual Meeting. Radiological Society of North America (RSNA). Chicago IL 11/26/17 – 12/01/17.

Maldonado-Ramirez GA, Perez Johnston R, **Sosa-Lozano LA**, Criales-Vera SA, Kimura-Hayama ET. Granulomatous Diseases in the Abdomen: A Pictorial Essay. 100th Annual Meeting. Radiological Society of North America (RSNA). Chicago IL 11/30/14 – 12/05/14.

Acosta-Bustillos AT, Criales-Vera SA, Zamora-Contreras D, Angulo-Salazar D, **Sosa-Lozano LA**, Castillo Castellon F, Jimenez-Santos M. Eyes Wide Open: Impending Death Signs in Cardiovascular Disease, What Every Radiologist Should Know. 100th Annual Meeting. Radiological Society of North America (RSNA). Chicago IL 11/30/14 – 12/05/14.

Shahir KS, **Sosa-Lozano LA**, McCrea JM, Goodman LR. Reduced Z Axis CTPA in Pregnant Women for Pulmonary Embolism – Do We Really Miss Any Important Diagnosis? How Much is the Resultant Dose Reduction? 99th Annual Meeting. Radiological Society of North America (RSNA). Chicago IL 12/01/13 – 12/06/13.

Wadhwa A, Gonyo MB, Shah CJ, Shaffer KA, Basir Z, **Sosa-Lozano LA.** Understanding DCIS: Beyond de Mammographic Calcifications. 98th Annual Meeting. Radiological Society of North America (RSNA). Chicago IL 11/25/12 – 12/01/12.

Sosa-Lozano LA, Marn CS, Goodman LR. PICC Lines Frequently Flip After Power Injection of Contrast. Annual Meeting. Society of Thoracic Radiology. Huntington Beach, Ca. 03/11/12 – 03/14/12.

Sosa-Lozano LA, Shahir KS, Goodman LR. Dense Hilum Sign: An important Sign with Multiple Meanings. 96th Annual Meeting. Radiological Society of North America (RSNA). Chicago IL. 11/28/10 – 12/03/10.

Perez-Castellon GM, Ramirez Carmona CR, Lozano TJ, Herrera-Zarza MC, Estrada G, **Sosa-Lozano LA**, Criales-Cortes JL, Kimura-Hayama ET. PET-CT in Lymphoma with Thoracic Involvement. 96th Annual Meeting. Radiological Society of North America (RSNA). Chicago IL. 11/28/10 – 12/03/10.

MEDICAL COLLEGE TEACHING ACTIVITIES:

Resident & Fellow Education

08/23/17 – present "Thoracic Manifestations of Immucompromised Patients" resident conference

10/24/17 – present “High Resolution CT of the Chest: The Basics” resident conference
10/25/17 – present “Case review Jeopardy” resident conference
12/04/17 – present “CT Evaluation of Transcatheter Valve Replacement” resident conference
02/27/18 – present “Atelectasis”, resident conference
04/12/18 – present “Diseases of trachea and bronchi”, resident conference
04/27/18 – present “Upper lobe predominant diseases” resident conference

BIBLIOGRAPHY

REFEREED JOURNAL PUBLICATIONS/ORIGINAL PAPERS

1. Stoopen-Rometti M, Encinas-Escobar ER, Ramirez-Carmona CR, Wolpert-Barraza E, Kimura-Hayama E, **Sosa-Lozano** LA, Favila R, Kimura-Fujikami Y, Saavedra-Abril JA, Loaeza-Del Castillo A. Diagnosis and quantification of fibrosis, steatosis, and hepatic siderosis through multiparametric magnetic resonance imaging. Rev Gastroenterol Mex. 2017 Jan 12. pii: S0375-0906(16)30088-X. doi: 10.1016/j.rgmx.2016.06.001. [Epub ahead of print] English, Spanish
2. Cossio-Torrico PE, Ramírez-Carmona CR, Stoopen-Rometti M, Perochena-González A, **Sosa-Lozano** LA, Kimura-Hayama E. Liver-specific gadoxetic acid-enhanced magnetic resonance for focal lesion evaluation. Rev Gastroenterol Mex. 2015 Oct-Dec;80(4):267-75. doi: 10.1016/j.rgmx.2015.06.011. Epub 2015 Sep 3. English, Spanish
3. Shahir K, McCrea JM, **Lozano LA,** Goodman LR. Reduced z-axis technique for CT Pulmonary angiography in pregnancy--validation for practical use and dose reduction. Emerg Radiol. 2015 Dec;22(6):651-6. doi: 10.1007/s10140-015-1340-7. Epub 2015 Aug 25.
4. Sosa-**Lozano LA**, Marn C, Goodman LR. Power injectable peripherally inserted central venous catheter lines frequently flip after power injection of contrast. J Comput Assist Tomogr. 2012 Jul;36(4):427-30.
5. Tellez-Avila FI, Chavez-Tapia NC, López-Arce G, Franco-Guzmán AM, **Sosa-Lozano** LA, Alfaro-Lara R, Chan-Nuñez C, Giovannini M, Elizondo-Rivera J, Ramírez-Luna MA. Vascular invasion in pancreatic cancer: predictive values for endoscopic ultrasound and computed tomography imaging. Pancreas. 2012 May;41(4):636-8.
6. **Sosa-Lozano LA**, Shahir K, Akbar M, Goodman LR. A case of tracheal varices: an unusual but important cause of mural nodules in the trachea. Br J Radiol. 2011 Mar;84(999):e62-4.
7. Ortega PF, **Sosa-Lozano LA**, Patel M, Zambrano E. Cystic paraganglioma of the anterior mediastinum. Ann Diagn Pathol. 2010 Oct;14(5):341-6.
8. **Sosa-Lozano LA**, Goodman LR, Shahir K. Pulmonary embolism: optimizing the diagnostic imaging approach. Hosp Pract (Minneap). 2010 Aug;38(5):153-62.
9. Duarte-Rojo A, **Sosa-Lozano LA,** Saúl A, Herrera-Cáceres JO, Hernández-

Cárdenas C, Vázquez-Lamadrid J, Robles-Díaz G. Methods for measuring abdominal obesity in the prediction of severe acute pancreatitis, and their correlation with abdominal fat areas assessed by computed tomography. Aliment Pharmacol Ther. 2010 Jul;32(2):244-53. Epub 2010 Mar 3

10. Tellez-Avila FI, García-Osogobio S, Chavez-Tapia NC, Ramirez-Luna MA, Franco-Guzman A, **Sosa-Lozano A**, Giovannini M. Utility of endoscopy in patients with incidental gastrointestinal luminal wall thickening detected with CT. Surg Endosc. 2009 Oct;23(10):2191-6. Epub 2009 Jan 1

11. Ponce de León Rosales S, Lazcano Ponce E, Rangel Frausto MS, Sosa Lozano LA, Huertas Jiménez MA. **[Bioterrorism: notes for an agenda in case of the unexpected]** Sal Pub Mex 2001, 43(6):589-603

BOOKS, CHAPTERS & REVIEWS

1. **[Current controversies in Gastroenterology and Hepatology. Chapter 35 "CT in acute pancreatitis".]** Fundación Mexicana para la Salud A.C. Mexico City, 2007.

NON-REFEREED JOURNAL PUBLICATIONS/ORIGINAL PAPERS

1. Moguel Molina NI, Kimura Hayama ET, **Sosa Lozano LA**, Bezaury Rivas P, Cabrera Aleksandrova T, Vázquez Lamadrid J. **[Ultrasound features of renal cell carcinoma, Experience of five years in the Institute].** An Radiol Mex 2007, (2): 127-133.
2. Diaz Treviño GM, Bezaury Rivas P, Moguel Molina NI, **Sosa-Lozano LA**, Bacilio Pérez UH, Huicochea Castellanos S. **[Cancer of the Thyroid Gland: Ultrasonographic spectrum]** An Radiol Mex 2006, (3): 215-219.

3. **Sosa-Lozano LA**, Vazquez Lamadrid J, Bezaury Rivas P, Lopez Cruz AA, Kimura Hayama ET. **[Ultrasound importance in hyperparathyroidism evaluation].** An Radiol Mex 2005, 4(3): 227-231