

CURRICULUM VITAE



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I. GRADO ACADEMICO

Licenciatura:

2001 Facultad de Medicina "Dr. Ignacio Chávez" Universidad Michoacana de San Nicolas de Hidalgo, Morelia, Michoacán, México

Cédula Profesional DGP 3692869

Residencia Médica

Medicina Interna

3/03-02/07 Instituto Nacional de Ciencias Médicas y Nutrición "Salvador Zubirán" Universidad Nacional Autónoma de México.

Cédula Profesional DGP 5397259

Certificación Consejo Mexicano de Medicina Interna 2008-2013

Posgrado en Gastroenterología

3/07-02/10 Instituto Nacional de Ciencias Médicas y Nutrición "Salvador Zubirán" Universidad Nacional Autónoma de México.

Cédula Profesional DGP 7817410

Certificación Consejo Mexicano de Gastroenterología, 2015-2020

Posgrado de alta especialidad en Motilidad Gastrointestinal

3/10-02/11 Instituto Nacional de Ciencias Médicas y Nutrición "Salvador Zubirán" Universidad Nacional Autónoma de México.

Post-Doctoral Fellowship en Neurogastroenterología and Motilidad Gastrointestinal

3/11-11/11 Post-Doctoral fellowship en University of Iowa Hospitals and Clinics, Department of Internal Medicine, Neurogastroenterology and Motility.

11/2011 a 09/2012 Post-Doctoral fellowship and Research Manager en Georgia Health Sciences University, Department of Medicine, Section of Gastroenterology and Hepatology.

Cargo Actual

Adscrito al departamento de Gastroenterología y al Laboratorio de Motilidad Gastrointestinal del Instituto Nacional de Ciencias Médicas y Nutrición "Salvador Zubirán"

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TRABAJOS PUBLICADOS EN REVISTAS REGISTRADAS

1. Barahona-Garrido J, Sarti HM, Barahona-Garrido MK, Hernandez-Calleros J, **Coss-Adame E**, Garcia-Saenz M, Yamamoto-Furusho JK. Serological markers in inflammatory bowel disease: a review of their clinical utility. **Rev Mex Gastro 2009; 74 (3): 230-37**
2. **Coss-Adame E**, Barahona-Garrido J, Yamamoto-Furusho JK. Cyclosporin in oral microemulsion for the treatment of severe ulcerative colitis refractory to intravenous steroids; experience in two cases. **Rev Mex Gastro 2009; 74 (4): 379-82**
3. Barahona-Garrido J, Martínez-Benítez B, Espinoza-Cardenas E, Sarti HM, Gutierrez-Manjarrez JI, Agurre-Gutierrez R, Tellez-Avila FI, **Coss-Adame E**, Garcia-Juarez I Yamamoto-Furusho JK. Cytomegalovirus infection in patients who required colectomy for toxic megacolon or severe steroid-refractory ulcerative colitis. **Dig Dis Sci Published on line Jan 22nd 2010.**
4. Valdovinos MA, **Coss E**, Cerda E. Diagnosis of achalasia using high resolution esophageal manometry. **Rev Gastroenterol Mex. 2010 oct-dec;75(4):439-440**
5. **Coss-Adame E**, Granados J, Uribe M, Torre A. Does HLA-DR7 differentiate the overlap syndrome of autoimmune hepatitis-primary biliary cirrhosis (AIH-PBC) from those with autoimmune hepatitis type 1? **Ann Hepatol. 2011 Jan-Mar;10(1):28-32.**
6. Nasr I, Attaluri A, **Coss-Adame E**, Rao SSC. Diagnostic Utility of Esophageal Balloon Distention Test in Evaluation of Esophageal Chest Pain. **Alimentary Pharmacol Ther 2012; 12: 1474-81**
7. Rao SSC, **Coss-Adame E**, Valestin J, Mysore K. Evaluation of constipation in older adults: Radioopaque markers (ROMs) versus wireless motility capsule (WMC). **Arch Gerontol Geriatr 2012 May 7th (Epub ahead of print).**
8. **Coss-Adame E**, Rao SSC. Pharmacologic Management of Chronic constipation. Medicina Universitaria, **Accepted May 2012, waiting for publication.**
9. Coss-Adame E. Esophageal motility in older adults: Adaptation or Dysmotility? *Revista Endoscopia* 2012; 24(2): 49
10. **Coss-Adame E**. Role of endoscopic procedures in the assessment of gastrointestinal motility disorders. **Accepted May 2012, waiting for publication**
11. Jacobs C, **Coss-Adame E**, Attaluri A, Valestin J, Rao SS. Dysmotility and proton pump inhibitor use are independent risk factors for small intestinal bacterial and/or fungal overgrowth. *Aliment Pharmacol Ther.* 2013 Jun;37(11):1103-11.

12. Singh S, Heady S, **Coss-Adame E**, Rao SS. Clinical utility of colonic manometry in slow transit constipation. *Neurogastroenterol Motil*. 2013 Jun;25(6):487-95.
13. **Coss-Adame E**, Erdogan A, Rao SS. Treatment of Esophageal (Non cardiac) Chest Pain: Review. Published in advance *Clinical Gastroenterol Hepatol*
14. **Coss-Adame E**. Constipation and functional anorectal disorders. *Rev Gastroenterol Mex*. 2013 Aug;78 Suppl 1:37-9.
15. Rao SS, **Coss-Adame E**, Tantiplachiva K, Attaluri A, Remes-Troche JM. Translumbar and Transsacral Magnetic Neuro-Stimulation for the Assessment of Neuropathy in Fecal Incontinence. *Dis Colon Rect* 2014 Published ahead online
16. **Coss-Adame E**, Erdogan A, Rao SS. Treatment of esophageal (noncardiac) chest pain: an expert review. *Clin Gastroenterol Hepatol*. 2014 Aug;12(8):1224-45.
17. Valdovinos MA, Zavala-Solares MR, **Coss-Adame E**. Esophageal hypomotility and spastic motor disorders: current diagnosis and treatment. *Curr Gastroenterol Rep*. 2014 Nov;16(11):421
18. Ruiz-López MC, **Coss-Adame E**. Quality of life in patients with different constipation subtypes based on the Rome III criteria. *Rev Gastroenterol Mex*. 2015 Jan-Mar;80(1):13-20.
19. Furuzawa-Carballeda J, Aguilar-León D, Gamboa-Domínguez A, Valdovinos MA, Nuñez-Álvarez C, Martín-del-Campo LA, Enríquez AB, **Coss-Adame E**, Svarch AE, Flores-Nájera A, Villa-Baños A, Ceballos JC, Torres-Villalobos G. Achalasia--An Autoimmune Inflammatory Disease: A Cross-Sectional Study. *J Immunol Res*. 2015;2015:729217. doi: 10.1155/2015/729217. Epub 2015 May 20.
20. **Coss-Adame E**, Rao SS, Valestin J, Ali-Azamar A, Remes-Troche JM. Accuracy and Reproducibility of High-definition Anorectal Manometry and Pressure Topography Analyses in Healthy Subjects. *Clin Gastroenterol Hepatol*. 2015 Jun;13(6):1143-50.
 21. Dor Vs Toupet Fundoplication After Laparoscopic Heller Myotomy: Long-Term Randomized Controlled Trial Evaluated by High-Resolution Manometry. Torres-Villalobos G, Coss-Adame E, Furuzawa-Carballeda J, Romero-Hernández F, Blancas-Breña B, Torres-Landa S, Palacios-Ramírez A, Alejandro-Medrano E, Hernández-Ávila A, Flores-Najera A, Ávila Escobedo LM, Ramírez Angulo C, Rodríguez-Garcés A, Valdovinos MÁ. *J Gastrointest Surg*. 2017 Sep 18. doi: 10.1007/s11605-017-3578-8. [Epub ahead of print]
 22. Autoimmune comorbidity in achalasia patients.
 23. Romero-Hernández F, Furuzawa-Carballeda J, Hernández-Molina G, Alejandro-Medrano E, Núñez-Álvarez CA, Hernández-Ramírez DF, Azamar-Llamas D, Olivares-Martínez E, Breña B, Palacios A, Valdovinos MA, Coss-Adame E, Ramos-Ávalos B, Torres-Landa S, Hernández-Ávila AA, Flores-Nájera A, Torres-Villalobos G. *J Gastroenterol Hepatol*. 2017 May 31. doi: 10.1111/jgh.13839. [Epub ahead of print]
 24. Symptomatic recurrence upon proton pump inhibitor discontinuation correlated with results of Bravo® wireless esophageal pH monitoring in patients with gastroesophageal reflux disease. Coss-Adame E. *Rev Gastroenterol Mex*. 2017 Oct - Dec;82(4):275-276. doi: 10.1016/j.rgm.2017.07.002. Epub 2017 Aug 19. English, Spanish. No abstract available.

25. Mexican consensus on dyspepsia. Carmona-Sánchez R, Gómez-Escudero O, Zavala-Solares M, Bielsa-Fernández MV, Coss-Adame E, Hernández-Guerrero AI, Huerta-Iga F, Icaza-Chávez ME, Lira-Pedrin MA, Lizárraga-López JA, López-Colombo A, Noble-Lugo A, Pérez-Manauta J, Raña-Garibay RH, Remes-Troche JM, Tamayo JL, Uscanga LF, Zamarripa-Dorsey F, Valdovinos Díaz MA, Velarde-Ruiz Velasco JA. *Rev Gastroenterol Mex.* 2017 Oct - Dec;82(4):309-327. doi: 10.1016/j.rgm.2017.01.001. Epub 2017 Apr 14. English, Spanish.
26. The Mexican consensus on probiotics in gastroenterology. Valdovinos MA, Montijo E, Abreu AT, Heller S, González-Garay A, Bacarreza D, Bielsa-Fernández M, Bojórquez-Ramos MC, Bosques-Padilla F, Burguete-García AI, Carmona-Sánchez R, Consuelo-Sánchez A, Coss-Adame E, Chávez-Barrera JA, de Ariño M, Flores-Calderón J, Gómez-Escudero O, González-Huezo MS, Icaza-Chávez ME, Larrosa-Haro A, Morales-Arámbula M, Murata C, Ramírez-Mayans JA, Remes-Troche JM, Rizo-Robles T, Peláez-Luna M, Toro-Monjaraz EM, Torre A, Urquidi-Rivera ME, Vázquez R, Yamamoto-Furusho JK, Guarner F. *Rev Gastroenterol Mex.* 2017 Apr - Jun;82(2):156-178. doi: 10.1016/j.rgm.2016.08.004. Epub 2017 Jan 16. English, Spanish.
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29. Randomised clinical trial: mixed soluble/insoluble fibre vs. psyllium for chronic constipation. Erdogan A, Rao SS, Thiruvaiyaru D, Lee YY, Coss Adame E, Valestin J, O'Banion M. *Aliment Pharmacol Ther.* 2016 Jul;44(1):35-44. doi: 10.1111/apt.13647. Epub 2016 Apr 29.
30. The Mexican consensus on irritable bowel syndrome. Carmona-Sánchez R, Icaza-Chávez ME, Bielsa-Fernández MV, Gómez-Escudero O, Bosques-Padilla F, Coss-Adame E, Esquivel-Ayanegui F, Flores-Rendón ÁR, González-Martínez MA, Huerta-Iga F, López-Colombo A, Méndez-Gutiérrez TH, Noble-Lugo A, Nogueira-de Rojas JR, Raña-Garibay RH, Remes-Troche JM, Roesch-Dietlen F, Schmulson MJ, Soto-Pérez JC, Tamayo JL, Uscanga LF, Valdovinos MÁ, Valerio-Ureña J, Zavala-Solares MR. *Rev Gastroenterol Mex.* 2016 Jul-Sep;81(3):149-67.
31. Histopathologic patterns among achalasia subtypes. Torres-Villalobos G, Furuzawa-Carballeda J, Coss-Adame E, Valdovinos MA. *Neurogastroenterol Motil.* 2016 Apr;28(4):608.
32. Barrett's Oesophagus in an Achalasia Patient: Immunological Analysis and Comparison with a Group of Achalasia Patients. Torres-Landa S, Furuzawa-Carballeda J, Coss-Adame E, Valdovinos MA, Alejandro-Medrano E, Ramos-Ávalos B, Martínez-Benítez B, Torres-Villalobos G. *Case Rep Gastrointest Med.* 2016;2016:5681590. Epub 2016 Sep 26.

33. A Review of Esophageal Chest Pain. Coss-Adame E, Rao SS. *Gastroenterol Hepatol (N Y)*. 2015 Nov;11(11):759-66.
34. The Mexican consensus on probiotics in gastroenterology. Valdovinos MA, Montijo E, Abreu AT, Heller S, González-Garay A, Bacarreza D, Bielsa-Fernández M, Bojórquez-Ramos MC, Bosques-Padilla F, Burguete-García AI, Carmona-Sánchez R, Consuelo-Sánchez A, Coss-Adame E, Chávez-Barrera JA, de Ariño M, Flores-Calderón J, Gómez-Escudero O, González-Huezo MS, Icaza-Chávez ME, Larrosa-Haro A, Morales-Arámbula M, Murata C, Ramírez-Mayans JA, Remes-Troche JM, Rizo-Robles T, Peláez-Luna M, Toro-Monjaraz EM, Torre A, Urquidi-Rivera ME, Vázquez R, Yamamoto-Furusho JK, Guarner F. *Rev Gastroenterol Mex*. 2017 Apr - Jun;82(2):156-178.
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36. Symptomatic recurrence upon proton pump inhibitor discontinuation correlated with results of Bravo® wireless esophageal pH monitoring in patients with gastroesophageal reflux disease. Coss-Adame E. *Rev Gastroenterol Mex*. 2017 Oct - Dec;82(4):275-276.
37. Dor Vs Toupet Fundoplication After Laparoscopic Heller Myotomy: Long-Term Randomized Controlled Trial Evaluated by High-Resolution Manometry. Torres-Villalobos G, Coss-Adame E, Furuzawa-Carballeda J, Romero-Hernández F, Blancas-Breña B, Torres-Landa S, Palacios-Ramírez A, Alejandro-Medrano E, Hernández-Ávila A, Flores-Najera A, Ávila Escobedo LM, Ramírez Angulo C, Rodríguez-Garcés A, Valdovinos MÁ. *J Gastrointest Surg*. 2018 Jan;22(1):13-22.
38. Autoimmune comorbidity in achalasia patients. Romero-Hernández F, Furuzawa-Carballeda J, Hernández-Molina G, Alejandro-Medrano E, Núñez-Álvarez CA, Hernández-Ramírez DF, Azamar-Llamas D, Olivares-Martínez E, Breña B, Palacios A, Valdovinos MA, Coss-Adame E, Ramos-Ávalos B, Torres-Landa S, Hernández-Ávila AA, Flores-Nájera A, Torres-Villalobos G. *J Gastroenterol Hepatol*. 2018 Jan;33(1):203-208
39. The Mexican consensus on chronic constipation. Remes-Troche JM, Coss-Adame E, López-Colombo A, Amieva-Balmori M, Carmona Sánchez R, Charúa Guindic L, Flores Rendón R, Gómez Escudero O, González Martínez M, Icaza Chávez ME, Morales Arámbula M, Schmulson M, Tamayo de la Cuesta JL, Valdovinos MÁ, Vázquez Elizondo G. *Rev Gastroenterol Mex*. 2018 Mar 16. pii: S0375-0906(18)30047-8. doi: 10.1016/j.rgmx.2017.12.005
40. Furuzawa-Carballeda J, Zuñiga J, Hernández-Zaragoza DI, Barquera R, Marques-García E, Jiménez-Alvarez L, Cruz-Lagunas A, Ramírez G, Regino NE, Espinosa-Soto R, Yunis EJ, Romero-Hernández F, Azamar-Llamas D, Coss-Adame E, Valdovinos MA, Torres-Landa S, Palacios-Ramírez A, Breña B, Alejandro-Medrano E, Hernández-Ávila A, Granados J, Torres-Villalobos

G. An original Eurasian haplotype, HLA-DRB1*14:54-DQB1*05:03, influences the susceptibility to idiopathic achalasia. *PLoS One*. 2018 Aug 9;13(8):e0201676.

41. Remes-Troche JM, Uscanga-Domínguez LF, Aceves-Tavares RG, Calderón de la Barca AM, Carmona-Sánchez RI, Cerda-Contreras E, Coss-Adame E, Icaza-Chávez ME, Lopéz-Colombo A, Milke-García MP, Morales-Arámbula M, Peláez-Luna M, Ramos Martínez P, Sánchez-Sosa S, Treviño-Mejía MC, Vázquez-Frías R, Worona-Dibner LB, Zamora-Nava LE, Rubio-Tapia A. Clinical guidelines on the diagnosis and treatment of celiac disease in Mexico. *Rev Gastroenterol Mex*. 2018 Oct - Dec;83(4):434-450.
42. Furuzawa-Carballeda J, Boon L, Torres-Villalobos G, Romero-Hernández F, Ugarte-Berzal E, Martens E, Vandooren J, Rybakin V, Coss-Adame E, Valdovinos M, Velazquez-Fernández D, Opendakker G. Gelatinase B/Matrix Metalloproteinase-9 as Innate Immune Effector Molecule in Achalasia. *Clin Transl Gastroenterol*. 2018 Nov 19;9(11):208.
43. Raña-Garibay R, Salgado-Nesme N, Carmona-Sánchez R, Remes-Troche JM, Aguilera-Carrera J, Alonso-Sánchez L, Arnaud-Carreño C, Charúa-Guindic L, Coss-Adame E, de la Torre-Bravo A, Espinosa-Medina D, Esquivel-Ayanegui F, Roesch-Dietlen F, López-Colombo A, Muñoz-Torres JI, Noble-Lugo A, Rojas-Mendoza F, Suazo-Barahona J, Stoopen-Rometti M, Torres-Flores E, Vallejo-Soto M, Vergara-Fernández O. The Mexican consensus on the diagnosis and treatment of diverticular disease of the colon. *Rev Gastroenterol Mex*. 2019 Apr - Jun;84(2):220-240.
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45. Gómez-Escudero O, Coss-Adame E, Amieva-Balmori M, Carmona-Sánchez RI, Remes-Troche JM, Abreu Y Abreu AT, Cerda-Contreras E, Gómez-Castaños PC, González-Martínez MA, Huerta-Iga FM, Ibarra-Palomino J, Icaza-Chávez ME, López-Colombo A, Márquez-Murillo MF, Mejía-Rivas M, Morales-Arámbula M, Rodríguez-Chávez JL, Torres-Barrera G, Valdovinos-García LR, Valdovinos-Díaz MA, Vázquez-Elizondo G, Villar-Chávez AS, Zavala-Solares M,

Achem SR. The Mexican consensus on non-cardiac chest pain. *Rev Gastroenterol Mex.* 2019 Jul - Sep;84(3):372-397.

46. Amieva-Balmori M, Coss-Adame E, Rao NS, Dávalos-Pantoja BM, Rao SSC. Diagnostic Utility of Carbohydrate Breath Tests for SIBO, Fructose, and Lactose Intolerance. *Dig Dis Sci.* 2019 Oct 15. doi: 10.1007/s10620-019-05889-9.
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48. Coss-Adame E. Impact of a gluten-free diet on patients with celiac disease, nonceliac gluten sensitivity, and asymptomatic controls. *Rev Gastroenterol Mex.* 2020 Apr-Jun;85(2):107-108
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50. Furuzawa-Carballeda J, Coss-Adame E, Romero-Hernández F, Zúñiga J, Uribe-Uribe N, Aguilar-León D, Valdovinos MA, Núñez-Álvarez CA, Hernández-Ramírez DF, Olivares-Martínez E, Cruz-Lagunas A, López-Verdugo F, Priego-Ranero Á, Azamar-Llamas D, Rodríguez-Garcés A, Chávez-Fernández R, Torres-Villalobos G. Esophagogastric junction outflow obstruction: Characterization of a new entity? Clinical, manometric, and neuroimmunological description. *Neurogastroenterol Motil.* 2020 Aug;32(8):e13867.
51. Martínez Vázquez SE, Nogueira de Rojas JR, Remes Troche JM, Coss Adame E, Rivas Ruíz R, Uscanga Domínguez LF. The importance of lactose intolerance in individuals with gastrointestinal symptoms. *Rev Gastroenterol Mex.* 2020 Jul-Sep;85(3):321-331.
52. Perez-Ortiz AC, Narváez-Chávez S, Furuzawa-Carballeda J, Coss-Adame E, Valdovinos-Díaz MA, Peralta-Figueroa J, Olvera-Prado H, López-Verdugo F, Sánchez-García Ramos E, Torres-Villalobos G. Long-term risk of adult overweight and obesity among achalasia patients who underwent Heller Myotomy. *Neurogastroenterol Motil.* 2020 Jun 17:e13921.