

DR. ESTEBAN GÁNDARA MSc

POSICIÓN ACTUAL PREVIAS

- Médico de Planta del Servicio de Clínica Médica del Hospital Privado de Comunidad. Mar del Plata
- Miembro del Comité de Revisión de Estudios Clínicos del Hospital Privado de Comunidad. Mar del Plata
- Editor Senior the la revista Clinical and Applied Thrombosis/Hemostasis

POSICIONES PREVIAS

- Médico de Planta. Programa de enfermedades tromboembólicas. Hospital de Ottawa. Canadá
- Profesor Asistente de Medicina de la Universidad de Ottawa. Canadá.
- Científico Asociado en Epidemiología Clínica. Instituto de Investigación del Hospital de Ottawa. Canadá
- Editor academico de la revista PLOS ONE

EXPERTISE CLÍNICO Y ÁREAS DE INVESTIGACIÓN

- Diagnóstico y tratamiento enfermedades tromboembólicas complejas (arterial y venosa)
- Manejo ambulatorio de enfermedades tromboembólicas (arterial y venosa)
- Anticoagulación en pacientes con enfermedad vascular periférica
- Trombofilias y trombosis arterial

FORMACIÓN PROFESIONAL

- Julio/2009 a Junio/2012 Becario Clínico y de Investigación en Trombosis. Hospital de Ottawa. Canadá.
- Septiembre/2009 a Julio/2012 Maestría en Epidemiología. Universidad de Ottawa. Canadá.
- Julio/2007 a Mayo/2009- Becario de investigación en Medicina General. Hospital Brigham and Womens. Boston, EE.UU.
- Julio/2007 a Agosto/2007 Programa Efectividad Clínica. Universidad Harvard. Boston, EE.UU.
- Junio/2004 a Mayo/2007 Jefe de Residentes Clínica Médica. Hospital Universitario Austral. Argentina
- Mayo/2001 a Junio/2004 Residencia de Clínica Médica. Hospital Privado de Comunidad, Argentina.
- Marzo/2001. Doctor en Medicina. Universidad Maimónides, Buenos Aires, Argentina.

PREMIOS

- 2012-Premio "Peter Garner" a la mejor presentación oral. Congreso Anual de la Sociedad Norte-Americana de medicina obstétrica. Quebec, Canadá. (\$2500)
- 2011/2012- Beca por concurso de formación en investigación. Departamento de Medicina, Universidad de Ottawa (\$42,000)
- 2010/2011- Beca por concurso para médicos graduados extranjeros de la Universidad de Ottawa (\$50,000)
- 2009/2010- Beca por concurso para médicos graduados extranjeros de la Universidad de Ottawa (\$50,000)

BECAS DE INVESTIGACIÓN

- I. 2010-2011 GENErvTE: Gene Gene Interactions and Recurrent Venous Thromboembolism. (\$46,243). Instituto Canadiense de invistestigacion: MOP 102510, Co-investigador
- II. 2012-2013 "Improving the care of patients who require temporary interruption of anticoagulants" patient quality & safety research and innovation awards from the Ottawa Hospital (\$25.000). Investigador Co-Principal.

- III. 2013-2014 Single session percutaneous mechanical thrombectomy for the treatment of iliofemoral DVT. \$87,000,. Innovation Fund for Academic Health Science Centres (AHSCs) grant
- IV. 2014-2015 Rivaroxaban for the Prevention of Restenosis after Infrainguinal Percutaneous Transluminal Angioplasty for Critical Limb Ischemia. \$32,000. Investigador Principal. Department of Medicine-University of Ottawa (Activa)
- V. 2014-2015 "Development and implementation of the "Ottawa Hospital Acute Limb Thrombosis and Embolism Outpatient Anticoagulation Program". \$79.000. Investigador Principal. Innovation Fund for Academic Health Science Centres (AHSCs) grant. (Activa)

MEMBRECÍAS

- Miembro del Grupo "Canadian Venous Thromboembolism Clinical Trials and Outcomes Research (CanVECTOR)"
- Miembro de la International Society on Thrombosis and Haemostasis
- Miembro del Comité de Guías de Práctica Clínica de Thrombosis Canadá

PUBLICACIONES EN REVISTAS INDEXADAS (TOTAL 41, 26 publicaciones desde el 2012)

- I. Roy PM, Corsi DJ, Carrier M, Theogene A, de Wit C, Dennie C, Le Gal G, Delluc A, Moumneh T, Rodger M, Wells P, **Gandara E**. Net clinical benefit of hospitalization versus outpatient management of patients with acute pulmonary embolism. J Thromb Haemost. 2017 Jan 20. doi: 10.1111/jth.13629. [Epub ahead of print] PubMed PMID: 28106343
- II. Angriman F, Vazquez FJ, Roy PM, Le Gal G, Carrier M, **Gandara E**. A new prognostic strategy for adult patients with acute pulmonary embolism eligible for outpatient therapy. J Thromb Thrombolysis. 2016 Nov 7. [Epub ahead of print] PubMed PMID: 27822904.
- III. Gavier B, Vazquez F, **Gandara E**. Antiphospholipid antibodies and lower extremity peripheral arterial disease - a systematic review and meta-analysis. Vasa. 2016 Jul;45(4):325-30.
- IV. Gandara V, Vazquez F, **Gandara E**. Direct oral factor Xa inhibitors for the prevention of non-central nervous systemic embolism patients with non-valvular atrial fibrillation - a systematic review and meta-analysis. Vasa. 2016 Jul;45(4):293-8.
- V. Alkherayf F, Xu Y, **Gandara E**, Westwick H, Moldovan ID, Wells PS. Timing of vitamin K antagonist re-initiation following intracranial hemorrhage in mechanical heart valves: Systematic review and meta-analysis. Thromb Res. 2016 Jun 16;144:152-157.
- VI. **Gandara E**, Hammond D, Nagpal S. Role of Vitamin K Antagonists in the Prevention of Thrombotic Bypass Occlusion After Infrainguinal Venous Bypass. Eur J Vasc Endovasc Surg. 2016 Jul;52(1):124-31. doi: 10.1016/j.ejvs.2016.03.026. Epub 2016 Apr 30. Review. PubMed PMID: 27142190.
- VII. Rodger MA, Scarvelis D, Kahn SR, Wells PS, Anderson DA, Chagnon I, Le Gal G, **Gandara E**, Solymoss S, Sabri E, Kovacs J, Kovacs MJ. Long-term risk of venous thrombosis after stopping anticoagulants for a first unprovoked event: A multi-national cohort. Thromb Res. 2016 Jul;143:152-8. doi: 10.1016/j.thromres.2016.03.028. Epub 2016 Mar 29.
- VIII. Gonzalez J, Barboza A., Vazquez F, **Gándara E**. Prevalence and Geographical variation of Prothrombin G20210A Mutation in patients with cerebral vein thrombosis: A Systematic Review and Meta-analysis. In press Plos One
- IX. Vazquez F, Gonzalez J.P, Le Gal G.L, Carrier M, **Gándara E**. Risk of major bleeding in patients receiving vitamin K antagonists or low doses of aspirin. A systematic review and meta-analysis. Thromb Res 2016 Feb; 138 (2):1–2
- X. Stevenson A, **Gándara E**. Statins for the prevention of post thrombotic syndrome in patients with deep vein thrombosis. In Press VASA - European Journal of Vascular Medicine

- XI. Vazquez F, Gonzalez J. **Gándara E**. Aspirin compared to low intensity anticoagulation in patients with non-valvular atrial fibrillation. A systematic review and meta-analysis. PLoS ONE 10(11): e0142222. doi:10.1371/journal.pone.0142222
- XII. Vazquez F, **Gándara E**. Response to 'Re: Prothrombin G20210A Mutation and Lower Extremity Peripheral Arterial Disease. A Systematic Review and Meta analysis'. Eur J Vasc Endovasc Surg. 2015 Sep 22.
- XIII. Carrier M, Lazo-Langner A, Shivakumar S, Tagalakis V, Zarychanski R, Solymoss S, Routhier N, Douketis J, Danovitch K, Lee AY, Le Gal G, Wells PS, Corsi DJ, Ramsay T, Coyle D, Chagnon I, Kassam Z, Tao H, Rodger MA; SOME Investigators (**Gándara E**). Screening for Occult Cancer in Unprovoked Venous Thromboembolism. N Engl J Med. 2015 Aug 20;373(8):697-704.
- XIV. Vazquez F, Rodger M, Carrier M, Le Gal G, Reny JL, Sofi F, Mueller T, Nagpal S, Jetty P, **Gándara E**. Prothrombin G20210A mutation and lower extremity peripheral arterial disease: a systematic review and meta-analysis. Eur J Vasc Endovasc Surg. 2015 Aug;50(2):232-40
- XV. Rodger M, Sheppard D, **Gándara E**, Timmouth A. Haematological problems in obstetrics. Best Pract Res Clin Obstet Gynaecol. 2015 Jul;29(5):671-84.
- XVI. Vazquez FJ, Paulin P, Rodriguez P, Lubertino M, **Gándara E**. The outcome of pulmonary vein thrombosis in non-surgical patients. A systematic review and case report. Thromb Haemost. 2015 Mar 5; 113(5).
- XVII. Castellucci LA, Cameron C, Le Gal G, Rodger MA, Coyle D, Wells PS, Clifford T, **Gándara E**, Wells G, Carrier M. Clinical and safety outcomes associated with treatment of acute venous thromboembolism: a systematic review and meta-analysis. JAMA. 2014 Sep 17; 312(11):1122-35.
- XVIII. Vázquez FJ, Posadas-Martínez ML, Sevilla SG, Giunta DH, **Gándara E**. The role compression ultrasound in hospitalized patients with suspected pulmonary embolism. Thromb Res. 2014 Nov; 134(5):1162-3.
- XIX. **Gándara E**, Carrier M, Rodger MA. Management of pregnancy associated venous-thromboembolism: a survey of practices. Thromb J. 2014 Jun 2;12:12.
- XX. Duffett LD, **Gándara E**, Cheung A, Bose G, Forster AJ, Wells PS. Outcomes of patients requiring insertion of an inferior vena cava filter: a retrospective observational study. Blood Coagul Fibrinolysis. 2014 Apr;25(3):266-71.
- XXI. Posadas-Martínez ML, Vázquez FJ, Giunta DH, Waisman GD, de Quirós FG, **Gándara E**. Performance of the Wells score in patients with suspected pulmonary embolism during hospitalization: a delayed-type cross sectional study in a community hospital. Thromb Res. 2014 Feb;133(2):177-81.
- XXII. **Gándara E**, Carrier M, Rodger MA. Intermediate doses of low-molecular-weight heparin for the long-term treatment of pregnancy thromboembolism. A systematic review. Thromb Haemost. 2014 Mar 3;111(3):559-61.
- XXIII. **Gándara E**, Kovacs MJ, Kahn SR, Wells PS, Anderson DA, Chagnon I, Le Gal G, Solymoss S, Crowther M, Carrier M, Langlois N, Kovacs J, Little Ma J, Carson N, Ramsay T, Rodger MA. Non-OO blood type influences the risk of recurrent venous thromboembolism. A cohort study. Thromb Haemost. 2013 Dec;110(6):1172-9.
- XXIV. Piran S, Le Gal G, Wells PS, **Gándara E**, Righini M, Rodger MA, Carrier M. Outpatient treatment of symptomatic pulmonary embolism: a systematic review and meta-analysis. Thromb Res. 2013 Nov;132(5):515-9.
- XXV. Castellucci LA, Cameron C, Le Gal G, Rodger MA, Coyle D, Wells PS, Clifford T, **Gándara E**, Wells G, Carrier M. Efficacy and safety outcomes of oral anticoagulants and antiplatelet drugs in the

- secondary prevention of venous thromboembolism: systematic review and network meta-analysis. *BMJ*. 2013 Aug 30;347:f5133.
- XXVI. Hogg K, Wells P, **Gándara E**. "Diagnosis of venous thromboembolism". *Semin Thromb Hemost*. 2012 Oct;38(7):691-701.
- XXVII. Erkens PM, **Gándara E**, Wells P, Shen AY, Bose G, Le Gal G, Rodger M, Prins MH, Carrier M. Does the PESI accurately identify low risk patients eligible for outpatient treatment? *Thromb Res*. 2012 Jun;129(6):710-4
- XXVIII. **Gándara E**, Bose G, Erkens P, Rodger M, Carrier M and P Wells. Outcomes of saddle pulmonary embolism: a nested case-control study. *J Thromb Haemost* 2011;9:867-9.
- XXIX. **Gándara E**, Wells P S. Pulmonary Embolism Diagnosis: Use of Clinical Probability Algorithms. *Clinics in Chest Medicine*. *Clin Chest Med*. 2010 Dec;31(4):629-39
- XXX. Erkens PM, **Gándara E**, Wells P, Shen AY, Bose G, Le Gal G, Rodger M, Prins MH, Carrier M. Safety of outpatient treatment in acute pulmonary embolism. *J Thromb Haemost*. 2010 Aug 23.
- XXXI. Rothschild J.M.; **Gándara E**; Woolf S; Williams D; Bates D. Single-Parameter Early Warning Criteria to Predict Life-Threatening Adverse Events. *Journal of Patient Safety*. June 2010; 6(2):97-103
- XXXII. **Gándara E**, Wells P S. Strategies to Enable a Stable Warfarin Maintenance Dose. *Journal of Coagulation Disorders*, July 2010; 2(2): 63-69
- XXXIII. Rodger M, Carrier M, **Gándara E**, Le Gal G. Unprovoked VTE: Short term or indefinite anticoagulation? Balancing long-term risk and benefit. *Blood Rev*. 2010 Jul-Sep;24(4-5):171-8.
- XXXIV. **Gándara E**, Wells PS. Will there be a role for genotyping in warfarin therapy? *Curr Opin Hematol*. 2010 Sep;17(5):439-43.
- XXXV. **Gándara E**. Dabigatran was noninferior to warfarin for preventing recurrent VTE. *Ann Intern Med*. 2010 Apr 20;152(8):JC4-7.
- XXXVI. **Gándara E**, Ungar J, Lee J, Chan-Macrae M, O'Malley T, Schnipper JL. Discharge documentation of patients discharged to subacute facilities: a three-year quality improvement process across an integrated health care system. *Jt Comm J Qual Patient Saf*. 2010 Jun;36(6):243-51.
- XXXVII. **Gándara E**, Moniz TT, Dolan ML, Melia C, Dudley J, Smith A, Kachalia A. Improving adherence to treatment guidelines: a blueprint. *Crit Pathw Cardiol*. 2009 Dec;8(4):139-45.
- XXXVIII. **Gándara E**, Moniz T, Ungar J, Lee J, Chan-Macrae M, O'Malley T, Schnipper JL. Communication and information deficits in patients discharged to rehabilitation facilities: an evaluation of five acute care hospitals. *J Hosp Med*. 2009 Oct;4(8):E28-33.
- XXXIX. **Gándara E**. Review: admission avoidance hospital at home decreases mortality at 6 months but does not differ from inpatient care for readmission. *Evid Based Med*. 2009 Jun;14(3):79.
- XL. **Gándara E**, Moniz TT, Ungar J, Lee J, Chan-Macrae M, O'Malley T, Schnipper JL. Deficits in discharge documentation in patients transferred to rehabilitation facilities on anticoagulation: results of a system wide evaluation. *Jt Comm J Qual Patient Saf*. 2008 Aug; 34(8):460-3.
- XLI. O'Flaherty M, **Gándara E**. A simple prediction rule identified patients with pulmonary embolism at low risk of short term death. *Evid Based Med*. 2006 Aug;11(4):121