

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP



PERSONAL INFORMATION

- Home address and telephone:
Fray Angelico de Fiejole 106
Cumbres Renacimiento 2 Sector Monterrey, N.L.
Telephone . +52 818 306 3978
- Professional address and telephone:
Gynecology and Obstetrics Hospital, UMAE 23, IMSS
Av. Félix U. Gómez, Centro, 64000 Monterrey, N.L.
Telephone: +52 8183994300 Ext 41383
- Office address and telephone:
Matehuala 3201 Esquina con Parras, Mitras Centro CP
64460, Monterrey N.L. Méx.
Tel: + 52 8112561589

INTERNAL MEDICINE
MCGL



Dra. Pint 
&
Asociados
Consulta de Especialidades
Pruebas de Función Respiratoria
Rehabilitación Pulmonar y Problemas Respiratorios del Sueño

email: cguerrero18@hotmail.com
obstetricsintensivecare@gmail.com
mobil phone +52 811 8015882

PRESENT ACADEMIC RANK AND POSITION

- Consultant, Department of Internal Medicine, Gynecology and Obstetrics Hospital, UMAE 23, IMSS Monterrey N.L. México
- Physician, Department of Intensive Care Unit, Gynecology and Obstetrics Hospital, UMAE 23, IMSS Monterrey N.L. México
- Titular Professor of the Residents in Gynecology and Obstetrics, Emergency and Internal Medicine at Intensive Care Unit of the Gynecology and Obstetrics Hospital, UMAE 23 IMSS, 2011-2023
- Fellow of the American College of Physicians ACP Number: 01701540, Chapter: México, Member since: 2017, Fellow: 2023 (San Diego, CA).
- Member of the Spanish Internal Medicine Society since July 2023
- Titular Member of the Sociedad Mexicana de Trombosis y Hemostasia since June 2016.
- Member of the Sociedad Latinoamericana de Medicina Interna since June 2018
- General Secretary of the Mexican College of Obstetrics Critical Care 2022-2025
- Private medicine consultant of Internal Medicine at Dra. Pinto & Asociados: Consulta de especialidades, pruebas de función respiratoria, rehabilitación pulmonar y problemas respiratorios del sueño.

1  no a la trombosis si a la prevención

 8112561589  8131842108

Matehuala 3201 Esquina con Parras,
Mitras Centro CP 64460, Monterrey N.L. Méx.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

EDUCATION

• College/University

1988 - 1994: School of Medicine / Universidad Autónoma de Nuevo León, Monterrey, N.L. México

1993 - 1994: Undergraduate Internship at Hospital Universitario, U.A.N.L. Monterrey, N.L.

1994 - 1995 - Social Service: Mobile Medical Unit, General Ignacio Zaragoza N. L.

1998 - 2002 - Postgraduate in Internal Medicine, Hospital Muguerza, Universidad De Monterrey.

August to October, 2001 -Social Service of Internal Medicine: General Hospital, Dr. Arroyo N. L. SSA

• Board Certification

General Medicine: November 4, 1996

Professions ID: 2370493

Internal Medicine: February 4, 2002

Post graduate ID: 3816962

• Recertification in Internal Medicine

November 2012-2017: Recertification by the Mexican Council of Internal Medicine

November 2017-2022: Recertification by the Mexican Council of Internal Medicine

November 2022-2027: Recertification by the Mexican Council of Internal Medicine

HONORS AND AWARDS

- 1995 Second place in the First Contest of Clinical and Artistic Photography School of Medicine, Universidad Autónoma de Nuevo León.
- Instructor of Anatomy and Neuroanatomy 1990-1994, School of Medicine UANL.
- Collaborator at the ATLS (Advanced Trauma Life Support) Course. School of Medicine UANL 1994.
- Recognition for having obtained the Excellence Award 4 times at the Quick Learning Institute in the first semester of 1997.
- Recognition for having obtained the Excellence Award 6 times at the Quick Learning Institute in the second semester of 1997.
- Recognition for having participated in the Quick Learning University Course June 13, 1997.
- Organization of the "First Running Race for Health" October 28, 2001, Dr. Arroyo N. L.
- Recognition for participating in the Interpersonal Relations Course carried out in Medical Services of Municipio de Monterrey, May 2002.
- Organization and participation at Brigada Médica "La Hermosa Project" September, 2007, Monterrey, N.L.



MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

HONORS AND AWARDS

- Organization and participation at Brigada Médica "La Hermosa Project" August, 2009, Monterrey, N.L
- Recognition for "Best Participation" Armstrong Dynamic Communication Course Instructors, San Pedro Garza García March 1, 2010
- Recognition for "The best human relations report" Armstrong Dynamic Communication Course Instructors, San Pedro Garza García March 1, 2010
- Recognition of the sixth generation of students for the Diploma of Professionalization Teaching in Health Education, Blended Learning Modality. December 2014.
- Recognition for being "La Aplicada" of the group at Professionalization Teaching Course, December 2014.
- Second Place in the Photography Contest with the theme: "Attitude of Service and Kindness" organized by the Hospital Bioethics Committee of the UMAE No. 23, Hospital of Gynecology and Obstetrics. IMSS. December 9, 2015.
- Participation in the sketch contest with the theme "providing care based on values" organized by the Hospital Bioethics Committee of the UMAE No. 23, Hospital of Gynecology and Obstetrics. IMSS. December 9, 2016.
- Recognition as Best Professor of the Gynecology and Obstetrics Specialization Course. May 11, 2017.
- Participation in the audiovisual media contest for the World Breastfeeding Week on Aug 3, 2017.
- Award for participation, commitment and performance in the Recruitment and Retention Committee From May 2021 to May 2022, ACP, México Chapter
- Award for participation, commitment and performance in the Recruitment and Retention Committee from May 2022 to May 2023, ACP, México Chapter
- Award for participation, commitment and performance in the Recruitment and Retention Committee from May 2023 to May 2024, ACP, México Chapter
- Organization and participation at Brigada Médica "Marcadores de destinos" December 2022, Tanquecillos, N.L.
- Award for participation as President of the Northwest Internal Medicine College 2021-2022. Internal Medicine of México 2023.
- Recognition of the College of Surgeons of Nuevo León for the unconditional participation to achieve the academic and social objectives of the 2021-2023 directive council.
- ACP recognition for participating in Women in Medicine Committee 3/1/2022 to 5/31/2023
- ACP recognition for participating in the organization of the Congress Women in Medicine 2022, 2023, 2024.
- Award as fellow of the American College of Physicians, April 2023
- ACP Chapter Excellence Award Bronze Level, April 2023
- ACP Recognition Chapter Award Advocacy given at the 46 National Congress of Internal Medicine, November 28 - December 2, 2023. Cancún, Quintana Roo.
- Organization and participation at Brigada Médica "Marcadores de destinos" December 2022, El Tajo and Santa Ana, N.L.
- Organization and participation at Brigada Médica "Marcadores de destinos" December 2023, El Tajo N.L
- Organization and participation at Brigada Médica "Marcadores de destinos" December 2024, San José, Galeana, N.L.
- Recognition for her dedication in the work place, highlighting her attitude of service reflected in the attention to her patients. Hospital de Ginecología y Obstetricia UMAE 23, December 2024.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PREVIOUS PROFESSIONAL POSITIONS AND APPOINTMENTS

- 2001 - 2002: Physician at the Emergency Department. Medical Services City of Monterrey N.L.
- 2002 - 2006: Internal Medicine Consulting Department, Clínica Vitro A.C. Av. Escobedo 1405 Nte. Col. Treviño, Monterrey N.L. Mexico Telephone 83 29 18 00 Ext. 2805.
- 2003 - 2011: Sub investigator and Coordinator of Clinical Trials in the Coronary Care Unit, Cardiology Hospital, UMAE 34 IMSS.
- 2012 - 2013 Physician at the Emergency Department, Christus Muguerza Hospital, Av. Escobedo 1405 Nte. Col. Treviño, Monterrey N.L. Mexico, Telephone 81 83291800 Ext. 1862
- Principal Investigator at Cardiolink Clin Trials Research Unit since 2009- Belisario Dominguez 2475, Col. Obispado, Monterrey N.L.
- Principal Investigator at AVIX Research Unit, Investigación Clínica S.C since November 2011- San Francisco Medical Center. Loma Grande 2717-307 Colonia Los Doctores.

EDUCATION TEACHING

- Assistant Professor of the Specialization Course in Gynecology and Obstetrics, Hospital of Gynecology and Obstetrics No. 23 IMSS. From March 1, 2013 to the present.
- Clinical Tutor of the Emergency Medicine Specialty March 1, 2014 to February 28, 2015. General Hospital No. 33, IMSS. Division of Health Sciences and Department of Clinical Sciences, UDEM.
- Clinical Tutor of the Emergency Medicine Specialty March 1, 2015 to February 28, 2016. General Hospital No. 33, IMSS. Division of Health Sciences and Department of Clinical Sciences, UDEM.
- Clinical Tutor of the Emergency Medicine Specialty March 1, 2016 to February 28, 2017. General Hospital No. 33, IMSS. Division of Health Sciences and Department of Clinical Sciences, UDEM.
- Clinical Tutor of the Emergency Medicine Specialty March 1, 2017 to February 28, 2018. General Hospital No. 33, IMSS. Division of Health Sciences and Department of Clinical Sciences, UDEM.
- Titular Professor of the Training Course Adult Intensive Care. UMAE 23, IMSS. January to April, 2019.
- Titular Professor of the Training Course Adult Intensive Care. UMAE 23, IMSS. January to April, 2020.
- Titular Professor of the Training Course Adult Intensive Care. UMAE 23, IMSS. February to May, 2022.
- Titular Professor of the Training Course Adult Intensive Care. UMAE 23, IMSS. June to Sep 2022.
- Instructor for the Emergency Care and Safety Institute for BLS para proveedores de la salud/Spanish ACLS. Expiration date 1/16/2026.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

ON LINE COURSES

- 2013: "Containment measures and corrective management of Cholera" National Institute of Public Health, October 25, 2013
- 2016: Course "Infarction Code" Online Modality Duration 12 hours March 22 to April 13, 2016 Mexico D.F.
- 2016: Distance Education Training Course. Duration 80 hours. IMSS April 13, 2016
- Course "Clinical Electrocardiography 2016" Virtual Campus Intramed Remote mode, 60 teaching hours. March 21 to May 22, 2016.
- ISTH Virtual Congress 2020, July 12 to July 14, 2020.
- Course Health in Mexico: A comprehensive vision of health in our country, virtual modality, August 15 to September 23, 2022. 60 hours. National Institute of Public Health.

ATTENDANCE AT COURSES AND CONGRESSES

- Theoretical-Practical Workshop RCCP Basic and Advanced Cardio-Cerebro-Pulmonary Resuscitation. Mexican College of Emergency Medicine A.C. 12-13 March 2016
- 1st International Congress of Hemostasis and Thrombosis. August 11-13, 2016. Cancun, Quintana Roo, Mexico
- 1st International Congress of Critical Obstetrics. Faculty of Medicine UAEMéx, Toluca Edomex September 28-30, 2016 with a duration of 21 hours
- Course-Workshop "Postpartum Hemorrhage" carried out in the Laboratory of Clinical Skills of the Faculty of Medicine, UAEMéx. September 28, 2016 on the occasion of the 1st International Congress of Critical Obstetrics. Faculty of Medicine UAEMéx, Toluca Edomex with duration of 5 hours
- Course-Workshop "Preeclampsia-Eclampsia" carried out in the Laboratory of Clinical Skills of the Faculty of Medicine, UAEMéx. September 29, 2016 on the occasion of the 1st International Congress of Critical Obstetrics. Faculty of Medicine UAEMéx, Toluca Edomex with duration of 5 hours
- XXIX Annual Course of the College of Internal Medicine of the Northeast A.C. Convex Center October 6-8, 2016
- Advanced Course in support of Breastfeeding. Association for Breastfeeding AC Hospital San José Tec de Monterrey October 26, 2016
- 1st International Congress of Critical Obstetrics. Faculty of Medicine UAEMéx, Toluca Edomex September 28-30, 2016 with a duration of 21 hours
- Course-Workshop "Postpartum Hemorrhage" carried out in the Laboratory of Clinical Skills of the Faculty of Medicine, UAEMéx. September 28, 2016 on the occasion of the 1st International Congress of Critical Obstetrics. Faculty of Medicine UAEMéx, Toluca Edomex with duration of 5 hours.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

ATTENDANCE AT COURSES AND CONGRESSES (CONT.)

- Course-Workshop "Preeclampsia-Eclampsia" carried out in the Laboratory of Clinical Skills of the Faculty of Medicine, UAEMéx. September 29, 2016 on the occasion of the 1st International Congress of Critical Obstetrics. Faculty of Medicine UAEMéx, Toluca Edomex with duration of 5 hours.
- XXIX Annual Course of the College of Internal Medicine of the Northeast A.C. Convex Center October 6-8, 2016
- Advanced Course in support of Breastfeeding. Association for Breastfeeding AC Hospital San José Tec de Monterrey October 26, 2016
- XXXIX National Congress of Internal Medicine. Congress Center, Queretaro, Mexico November 16 to 19, 2016
- Mortality Symposium "Strategies that save lives" November 25-26, 2016, 16 hours, 2 credits. Secretary of Health of the State of Nuevo León.
- 2016 Academic Sessions of the College of Internal Medicine of the Northeast A.C. November 3, 2016. Monterrey N.L.
- Workshop Course Installation of Ecoguided Central Venous Catheter. Faculty of Medicine, UANL. Subdirector of Continuing Education and the College of Critical Medicine of Nuevo León A.C. Doctors Hospital, December 16, 2016
- Workshop Course Advanced Resuscitation of the Intoxicated Patient. Carried out in the UMQ UNAM Diploma, on December 10 and 11, 2016, with a duration of 22 hours, curricular value 3 credits.
- Comprehensive Management of Patients with Trauma in the Emergency Workshop Course held on January 28-29 and February 25-26, 2017 at the UMQ UNAM Diploma Course; with a duration of 40 hours, Credits 5. Monterrey N.L.
- Academic Session: Obstetric Hemorrhage. Mexican College of Critical Medicine AC. March 30, 2017.
- 1st Symposium on Thrombosis in Obstetrics and Gynecology. College of Gynecology and Obstetrics of Monterrey. June 30 and July 1, 2017
- Regional Course of Internal Medicine of the Northeast. October, 2017. Crown Plaza Hotel, Mty. NL
- 1st Workshop on Thrombosis and Haemostasis. ISTH-SOMETH. Galindo Farm, Querétaro. May 31-2 June 2018
- 1st Código Mater Symposium: Strategy that saves lives. Marriott Court Yard Hotel, Saltillo, Coah.
- Northeast Regional Internal Medicine Course, October, 2018. Crown Plaza Hotel, Mty. NL
- XLI National Congress of Internal Medicine. Merida Yucatan. November 21-24, 2018

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

ATTENDANCE AT COURSES AND CONGRESSES (CONT.)

- Academic Session Atrial Fibrillation and New Oral Anticoagulants, College of Internal Medicine of Mexico, January 30, 2019.
- Internal Medicine and Critical Medicine Workshop Course MEDICRIT, May 1-3, 2019. Sede Quinta Real Hotel, Saltillo Coah.
- IV Congress of the Mexican Society of Thrombosis and Hemostasis, A.C., June 6 to 8, 2019. City of Guadalajara, Jalisco, Mexico.
- XLV International Course of Internal Medicine August 26 to 29, 2020 Live Streaming
- XLIII National Congress of Internal Medicine Virtual Modality December 2 to 5, 2020 (Global Summit of Internal Medicine).
- XLVI International Course of Internal Medicine June 23 to 26, 2021 Virtual modality
- First International Meeting of the College of Internal Medicine of the Northeast North Region October 7 to 9, 2021
- XLIV National Congress of Internal Medicine of Mexico, City of León, Guanajuato, November 17 to 20, 2021.
- First Presidential Congress of Internal Medicine (virtual) May 2 to 6, 2022
- International Symposium on Preeclampsia. Monterrey NL, May 22-25, 2022
- XLVII International Course of Internal Medicine, June 24 to 26, 2022. Boca de Rio, Veracruz.
- Ist virtual congress of internist women October 12 to 15, 2022
- II International Meeting Northeast College of Internal Medicine, San Pedro Garza García N.L. October 2022
- XLV National Congress of Internal Medicine of Mexico, City of Mérida, November 23 to 26, 2022.
- ACP Internal Medicine Meeting, San Diego, Ca. April 26-29, 2023.
- XLVIII International Course of Internal Medicine, June 21 to 24, 2023. Guadalajara, Jalisco
- 2nd virtual congress of internist women August, 2023
- 3rd virtual congress of internist women August, 2024
- III International Meeting Northeast College of Internal Medicine, San Pedro Garza García N.L. October 2023
- XLVI National Congress of Internal Medicine of Mexico, City of Cancún, Quintana Roo, November 23 to 26, 2023.
- ACP Internal Medicine Meeting 2024 "Mastering Medicine Together" Boston, Massachussets, April 18-21, 2024.
- XLIX International Course of Internal Medicine, June 19 to 22, 2024. Villahermosa, Tabasco.
- XLVII National Congress of Internal Medicine of Mexico, City of Cancún, Quintana Roo, November 27 to 30, 2024. Monterrey, Nuevo León, México.



MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

DIPLOMADOS

- 2014: Diploma "Teaching Professionalization for Health Education" CIEFD Nuevo León Semi-Presence Modality (Mixed) Duration 504 Hours April 16, 2014 to December 15, 2014 Monterrey N.L.
- Diploma in Medical-Surgical Emergencies. Comprehensive Management of the Serious Patient. National Autonomous University of Mexico. January 9, 2016 to March 26, 2017. Duration of 240 hours. Mexican College of Emergency Medicine and Advanced Resuscitation A.C. Monterrey NL

INSTITUTIONAL, DEPARTMENTAL, AND ACADEMIC RESPONSIBILITIES, COMMITTEE MEMBERSHIPS, AND OTHER ACTIVITIES

- Vocal Member of the Ethics and Research Committee of Cardiolink Clin Trials from 2008 to Dec 2012
- Vocal Member of the Hospital Bioethics Committee at the Hospital of Gynecology and Obstetrics UMAE 23, IMSS February 2013 to February 2016
- Vocal Member of the local maternal mortality committee, Gynecology and Obstetrics Hospital, UMAE 23 from February 2013-
- Vocal member of the inter-institutional committee of maternal and perinatal morbidity and mortality in Nuevo León from 2017-
- Vocal Member of the Cardiolink Clin Trials Research Committee from January 2015-
- Vocal Member of the Research Committee: CUAN, Investigación Clínica S.C from 2017-2020
- Professor of Internal Medicine and Obstetric Intensive Care at Gynecology and Obstetrics Hospital, UMAE 23, IMSS from June 2011-
- Technical Secretary of the Venous Thromboembolism Prevention Subcommittee at UMAE 23, Gynecology and Obstetrics Hospital, IMSS, started on June 24, 2016-
- Participation as speaker of the Laboratory Glaxo 2003-2013
- Participation as speaker of the laboratory Sanofi 2020-2023
- Participation as speaker of the Laboratory Silanes 2023-
- Participation as speaker of the Laboratory Cardinal Health 2023-
- Participation in the Northwest Internal Medicine College Council as Secretary of Social Communication 2023-2024
- Participation in the Northwest Internal Medicine College Council as Secretary of Social Communication 2025-2026.
- Member of the ACP Awards Committee 2024-2028.
- Member of the ACP Communication Committee 2024-2028.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PRESENTATIONS AT NATIONAL AND LOCAL MEETINGS

- Lecturer on the topic: "Irritable Bowel Syndrome" Continuing Education Program, Clinica Vitro, February 25, 2003.
- Professor in the Course: Arterial Hypertension in the 2007 Hospital de Cardiología UMAE 34, IMSS 9-13 April 2007.
- Professor in the Course: Cardiovascular Risk Factors in Mexico Hospital de Cardiología, UMAE 34, IMSS 20-24 August 2007.
- Professor in the Course: Ischemic Cardiopathy News Hospital de Cardiología, UMAE 34, IMSS 26-30 Nov 2007.
- Speaker at the "Week of Occupational Health 2007" CEMEX MEXICO, Dec 4, Hidalgo, N. L.
- Professor of the Monographic Course: "Systemic Arterial Hypertension" Hospital de Cardiología UMAE 34, IMSS April 21 to 25, 2008, Monterrey, N. L.
- Speaker of the topic "Thromboembolism, Therapeutic Advances " Regional Congress and VII Update Course in Internal Medicine College of Internal Medicine of Mexico, Saltillo Branch, FAC of Medicine, Saltillo Unit, May 15 to 17, 2008. Saltillo, Coahuila.
- Lecturer on the topic "Thromboembolism Prophylaxis in the ICU" International Congress of Critical Medicine and Intensive Care 2008 UDEM, August 14 to 16, Monterrey, N.L.
- Professor of the Monographic Course: "Cardiovascular Risk Factors in Mexico" Cardiology Hospital UMAE 34 IMSS , 40 Hours August 18 to 22, 2008 Monterrey, N. L.
- Speaker on the topic "Controversies in the use of Anticoagulants and Antiplatelet Agents and Heparins" XVII Annual Congress of Internal Medicine CMIM, September 19, Los Mochis, Sinaloa.
- Speaker on the theme "Deep Vein Thrombosis Prophylaxis in Surgical and Non-Surgical Patients" Scientific Academic Conference of the XIX CEMEV Anniversary "Dr. Rafael Lucio", October 16, 2008, Xalapa Veracruz.
- Professor of the subject: "Selected Topics of Cardiology" Cardiology Hospital, UMAE 34, IMSS Duration 40 hrs. November 24 to 28, 2008.
- Lecturer on the theme "Metabolic Syndrome and HIV-AIDS" and the Theme: "Current Dyslipidemia" II National Congress of Integrated Medicine UDEM, November 27 to 29, 2008 Monterrey, N. L.
- Lecturer "Prophylaxis of Deep Vein Thrombosis in the ICU" XX Anniversary AMCYTINE February 11, 2009. Monterrey, N. L.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PRESENTATIONS AT NATIONAL AND LOCAL MEETINGS

- Speaker on the topic: "Current Thromboprophylaxis" Internal Medicine of Tamaulipas Association, February 27, 2009, Tampico, Tamps.
- Speaker at the Anesthesiology Session with the theme: "Thromboprophylaxis in the Pregnant Patient" April 24, 2009, Christus Muguerza, Hospital Conchita
- Professor of the theme: "Prophylaxis in Pulmonary Thromboembolism" III Course on Comprehensive Emergency Care in Adult Patients University of Monterrey, Hospital Regional Monterrey ISSSTE June 23-25, 2009
- Speaker on the topic: "Thromboprophylaxis" Dr. Alfonso Pérez Reyes XXXI Anniversary Medical Conference. Hospital Clínica del Centro S.A. de C.V. Chihuahua, Chihuahua. October 2009
- Speaker On the theme: "Antithrombotic Therapy" General Session of the Regional General Hospital # 20 of the IMSS Regional Delegation of Baja California Tijuana BC October 2, 2009.
- Speaker on the Continuing Education program Theme "Antithrombotics" Institute of Security and Social Services of State workers ISSSTE Clínica Hospital Ensenada November 12, 2009
- Speaker with the Topic "Thromboprophylaxis in medical patients" and Assistant at the Seminar on Health Economics, "Fundación para la Salud y la Tecnología A.C. "Mérida Yucatán November 20 and 21, 2009
- Speaker on the topic: "Thromboprophylaxis in the Critical Patient" Association of Critical Medicine and Intensive Care of the Northeast Monterrey, N.L. March 10, 2010
- Speaker in the General Session "Thromboprophylaxis" Health Services of Nuevo León Metropolitan Hospital "Dr. Bernardo Sepúlveda" San Nicolás de los Garza, April 28, 2010
- Speaker on the topic "Thromboprophylaxis in the management of the Patient in the Emergency Service" Association of Emergency Medicine of the Northeast Monterrey N.L. May 4, 2010.
- Speaker on the topic "Update on the use of Antithrombotics" First Nursing Student Conference La Salle University, Cancun, Quintana Roo, May 24, 2010.
- Professor of the "Obstetric Emergencies Course: Multidisciplinary Management OCA Medical Center with the Topics: Heart failure and Acute Pulmonary Edema June 23 and 24, 2010.
- Speaker on the topic: "Calcium nadroparin in prophylaxis in patients with Traumatology and Internal Medicine" General Hospital of Zone No. 2, State Delegation of Aguascalientes IMSS, September 10, 2010.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PRESENTATIONS AT NATIONAL AND LOCAL MEETINGS

- Speaker on the topic: Updates on Pulmonary Thromboembolism V Course on Comprehensive Emergency Care in Adult Patients 2011 UDEM/ISSSTE April 12 to 14, 2011.
- Speaker on the topic: Thromboprophylaxis in medical and surgical patients Event of the International Day of the Nurse IMSS Nuevo Laredo, Tamps. May 12, 2011.
- Speaker on the Theme: Hospital free of Thrombosis -The efficient use of antithrombotic therapy- XVII North Forum of IMSS Research, Saltillo Coahuila June 29, 2011.
- Speaker on the Theme: "Tromboprophylaxis" General Hospital of Zone No. 67 IMSS Apodaca, N.L. September 14, 2011.
- Speaker on the topic "VTE Prophylaxis" Hospital General de Zona No. 33 Monterrey N.L. October 12, 2011.
- Speaker on the topic: "Low Molecular Weight Heparins in Gynecology and Obstetrics" College of Gynecology and Obstetrics of Monterrey, A.C. March 9, 2012
- Speaker on the topic: use of LMWH in Obstetrics taught at the Hospital Metropolitano Dr. Bernardo Sepúlveda. May 16, 2012.
- Speaker on the theme "Pregnancy in patients with arterial hypertension" (Reproductive Risk, Counseling and Treatment) Systemic Arterial Hypertension Seminar, Coordination of prevention and health care. Monterrey NL May 16, 2012.
- Lecturer on the theme: "Thromboembolism and Pregnancy" I Annual Meeting of Gynecology and Obstetrics XL Anniversary UMAE 23, IMSS June 8 and 9, 2012.
- Speaker at the First Monographic Course on Obstetric Patient Care with Acute Complications . General Hospital of Zone No. 1 of the IMSS San Luis Potosí, SLP October 6 and 13, 2012.
- Speaker in the Course Dr. VICTOR CASTAÑEDA. Cancun, Quintana Roo March 15-16, 2013
- Speaker on the topic "Management of Pulmonary Thromboembolism in Obstetrics" Cardiovascular Pathology Course and Hemodynamic Monitoring in Obstetric Patients UMAE Obstetrics and Gynecology Hospital CMNO Guadalajara, Jalisco, May 16, 2013.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PRESENTATIONS AT NATIONAL AND LOCAL MEETINGS

- Speaker on the Topic "Thromboprophylaxis in the Patient with a Medical and Surgical Problem" HGZ No. 1 UMAA No. 56 Zacatecas, Zacatecas July 5, 2013.
- Speaker of the Topic: "Prophylaxis and Treatment of Deep Vein Thrombosis" General Hospital of Zone No. 14 State Delegation in Jalisco July 11, 2013.
- Speaker of the topic "Tromboprofilaxis" HGZ No. 2 "Dr. Efrén Correa Magallanes Ledezma" Fresnillo, Zacatecas July 26, 2013.
- Speaker on the topic: "Thromboprophylaxis in Pregnancy" XVII Conference on Gynecology and Obstetrics Regional Hospital No. 36 IMSS Puebla, Puebla October 18, 2013.
- Speaker on the topic: Thromboembolic disease and Thromboprophylaxis in Pregnancy" Ier Congress of Critical Care in Gynecology-Obstetrics Monterrey, N.L. August 21-23, 2014.
- Speaker on the topic "Maternal Mortality" at the Regional Delegation N.L. UMF No. 35 Monterrey, N.L. November 13, 2014.
- Speaker at the "Diagnosis, Management and Image Symposium in Perinatal Medicine" College of Gynecology and Obstetrics Monterrey, N.L. June 12 and 13, 2015 with the topic "Hypertensive disorders in pregnancy".
- Speaker on the topic: "Hypertensive Disease in Pregnancy" Delegation N.L. UMF No. 26 Monterrey, N.L. September 24, 2015.
- Professor of the Theme: "Hypertensive Crisis" XXXIII Medical Conference "Dra. Sylvia Josefina Harsanyi Ramírez" Emergencies in Medicine Center for Research and Development in Health Sciences UANL Monterrey N.L. 2-3 October 2015
- Teacher in the 2nd Congress of Residents and Subspecialists in Cardiology. UANL, with the theme New Oral Anticoagulants. National Association of Cardiologists of Mexico A.C. Monterrey NL 4-6 August 2016.
- Professor at the 1st International Congress of Hemostasis and Thrombosis with the Theme: Pregnancy and Thrombosis held at Hotel Paradisus, August 11-13, 2016. Cancun, Quintana Roo Mex.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PRESENTATIONS AT NATIONAL AND LOCAL MEETINGS

- Speaker at the Maternal Mortality Symposium. "Strategies that save lives" carried out on November 25 and 26, 2016. Secretary of Health of the State of Nuevo León.
- Organizer of the 1st Symposium on Thrombosis in Gynecology and Obstetrics held at the Hospital de Gynecology and Obstetrics of Monterrey and Speaker on the theme: "Anticoagulation in Pregnant Women with a Prosthetic Valve" June 30 and July 1, 2017.
- Speaker on the theme: "June 24 and October 13, A call to action" at the 1st Symposium on Thrombosis in Gynecology and Obstetrics held at the Hospital de Gynecology and Obstetrics of Monterrey June 30 and July 1, 2017.
- Speaker of the Topic: Thromboembolic Risk in Obstetrics. Saltillo College of Gynecology and Obstetrics. Saltillo Coahuila, January 26, 2018.
- Speaker on the topic: Severe Preeclampsia and its Complications in the OBSTETRIC EMERGENCY Workshop Course held at the Cultural Scientific Poliforum of the FM and CB. April 28, 2018, Chihuahua, Chihuahua.
- Speaker on the Topic: Diagnosis and Management of Hypovolemic Shock in Obstetrics in the OBSTETRIC EMERGENCY Workshop Course held at the Cultural Scientific Poliforum of the FM and CB. April 28, 2018, Chihuahua, Chihuahua.
- Speaker on the topic: Severe Preeclampsia and its Complications at the 1st Symposium Código Mater: Strategy that saves lives. Saltillo, Coah. September, 2018.
- Speaker of the Topic: Thromboprophylaxis in pregnancy. Regional Congress of Internal Medicine of the Northeast. October, 2018. Crown Plaza Hotel, Monterrey.
- Speaker on the topic Thromboprophylaxis in the medical and surgical patient. General Session HGZ 33, October 3, 2018.
- Organizer and speaker of academic activities alluding to October 13, World Thrombosis Day, at UMAE 23, IMSS. Monterrey NL, October 2018.
- Organizer of the MEDICRIT Internal Medicine and Critical Medicine Workshop Course. May 3, 2019, Saltillo, Coahuila.
- Speaker on the topic: Severe Preeclampsia and Acute Complications at the MEDICRIT Internal Medicine and Critical Medicine Workshop Course. May 3, 2019, Saltillo, Coahuila.
- Speaker on the topic: Diagnosis and Treatment of Hypovolemic Shock in Obstetrics taught at the MEDICRIT Internal Medicine and Critical Medicine Workshop Course. May 3, 2019, Saltillo. Coahuila.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PRESENTATIONS AT NATIONAL AND LOCAL MEETINGS

- Speaker on the topic: Long-term complications of preeclampsia. Given on July 6, 2019 in the XLIV International Course of Internal Medicine. Monterrey, N.L.
- Participation in the Controversy Table: Metabolic Syndrome and Pregnancy, Hospital Ginequito. August 21, 2019.
- Speaker on the topic: Thromboprophylaxis in Obstetrics, taught at the Northeast Regional Internal Medicine Course. October 2019. Crown Plaza Hotel, Monterrey N.L.
- Speaker of the topic General Aspects and prevention of Venous Thrombosis. General Session, UMAE 25, IMSS. October 8, 2019. Monterrey N.L.
- Speaker on the topic "Knowing the Cardiovascular Risk". Sports Synergy, CEMEX. October 22, 2019.
- Speaker on the topic: Thyroid Storm in Pregnancy, taught in the 1st Internal Medicine Course in High-Risk Obstetrics. October 24 to 26, 2019. Venue Hotel: City Express Plus, Cabo San Lucas, BCS.
- Speaker on the topic: Severe Preeclampsia and Complications, taught in the 1st Internal Medicine Course in High-Risk Obstetrics. October 24 to 26, 2019. Venue Hotel: City Express Plus, Cabo San Lucas, BCS.
- Speaker at the Obstetric Care Symposium on the topic Acute Complications of Preeclampsia. XLVI Annual Congress of the Mexican College of Critical Medicine. November 1, 2019. Leon, Gto.
- Speaker on the topic Controversies: Use of antithrombotics in women with abnormal uterine bleeding and thrombosis given at the Congress of Gynecology and Obstetrics of Monterrey. March 12, 2020.
- Speaker of the topic Mechanical Thromboprophylaxis given at the Congress of Gynecology and Obstetrics of Monterrey. March 12, 2020.
- Speaker on the theme Quality Parameters for Hospital Certification given at the Congress of Gynecology and Obstetrics of Monterrey. March 13, 2020.
- Speaker at the College of Surgeons of Nuevo León with the theme "Thrombosis, the old complication that appears renewed in times of COVID 19" June 24, 2020.
- Speaker on the topic: "Hypertensive Emergency in Pregnancy". Northeast Regional Internal Medicine Course. October 2020 (Virtual).
- Participation as a speaker in the Pre-pregnancy Care Course with the theme: "It is Better to be Prepared" Chronic degenerative diseases. Secretary of Health of Nuevo León, November 24, 2020
- Participation as Speaker with the Theme "Physiopathology of sepsis in obstetrics" at the Symposium "Shep-CO Apocalypse, Sepsis, Obstetric Hemorrhage, Preeclampsia, COVID 19. College of Gynecology and Obstetrics of Monterrey, A.C. November 7, 2020.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PRESENTATIONS AT NATIONAL AND LOCAL MEETINGS

- Participation with the conference: "Stroke in pregnancy" at the Global Summit of Internal Medicine and XLIII National Congress of Internal Medicine, December 2-5, 2020 (Virtual)
- Lecturer on the theme "COVID 19, Influenza and flu" How to differentiate them? Presented at the COVID 19 Congress The new reality. Student Association of Scientific Symposiums Autonomous University of Guadalajara, March 2021
- Participation as speaker at the Annual Update Course: Anesthesiology in Gynecology and Obstetrics, May 27-29, 2021, with the topic: "DVT and PE in pregnancy: Prevention Strategies"
- Coordination and Participation in the Obstetric Emergencies Course of the National Autonomous University of Mexico with the themes: "Thromboprophylaxis, DVT and PE" and "Anaphylactic shock in pregnancy" June 5-6, 2021.
- Participation with the Conference "Thrombosis in pregnancy" at Coaching and capacitation, Integral Medicine, Master Class, June 21, 2021.
- Participation in the Obstetric Emergencies Course of the National Autonomous University of Mexico with the theme: "COVID 19 and pregnancy", August 21-22, 2021.
- Participation as Coordinator and Speaker at the XLVI International Course of Internal Medicine June 24-26, 2021, held at Monterrey, Nuevo León, México (Virtual).
- Participation with the Northeast Occupational Medicine Society SOMETRAN with the theme "Medical Update for the Management and Control of Chronic-degenerative Diseases" September 13, 2021
- Participación with the topic "Challenges in the diagnosis of antiphospholipid syndrome presented at the VI Congress of the Mexican Society of Thrombosis and Hemostasis. September 23-25, 2021.
- Organizer of the First International Meeting of the Northeast College of Internal Medicine, October 7-9, 2021
- Participation as Coordinator at the XLIV National Congress of Internal Medicine. November 17-20, 2021. held at León, Guanajuato, México.
- Participation as Speaker at the XLIV National Congress of Internal Medicine. Topic: HELLP Syndrome, November 17-20, 2021. held at León, Guanajuato, México.
- Participation as a speaker at the XLVIII Annual Congress of the Mexican College of Critical Medicine with the Theme: "Pulmonary Thromboembolism in Pregnancy" November 22-27, 2021. International Congress Center of Yucatan, Mexico.
- Speaker at the First Virtual Congress of Anesthesiology of Colima with the topics: Mechanical Ventilation in Pregnant Women and Workshop on Cardiac Arrhythmias in Pregnancy, December 9, 2021.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PRESENTATIONS AT NATIONAL AND LOCAL MEETINGS

- Organizer and Professor of the 1st International Symposium on Preeclampsia Update and hypertensive diseases of pregnancy. May 26-28, 2022, Monterrey, N.L.
- Participation with the Topic: "Long-term cardiovascular complications of preeclampsia" at the 1st International Symposium on Preeclampsia Update and hypertensive diseases of pregnancy. May 26-28, 2022, Monterrey, N.L.
- Participation with the Topic: "Secondary Hypertension during pregnancy". at the 1st International Symposium on Preeclampsia Update and hypertensive diseases of pregnancy. May 26-28, 2022, Monterrey, N.L.
- Coordinador and Speaker at the VII SOMETH Anual Congress, June 2-4, 2022, Monterrey, N.L. México, in the Symposium "Issues of Haemostasis in Obstetrics and Gynecology" with the theme: Preeclampsia-Eclampsia
- Participation in VII SOMETH Anual Congress, June 2-4, 2022, Monterrey, N.L. México, in the Symposium "Thromboprophylaxis in special situations" with the theme: Thromboprophylaxis in Gynecology-and Obstetrics.
- Coordinator in the Fragility Module, XLVII International Course of Internal Medicine, June 22-25, 2022, held at Ciudad Boca del Rio, Veracruz, México.
- Participation in the Obstetric Emergencies Course of the National Autonomous University of Mexico, August 20-21, 2022 with the next topics: "Clinical cases of preeclampsia with severity manifestations. "Chest pain in pregnancy, Differential Diagnosis and Clinical Case". "Anaphylactic Shock in Pregnancy". "Obstructive Shock in Pregnancy: High Risk Pulmonary Embolism". "Acute abdomen in pregnancy, Surgical and Non Surgical causes".
- Speaker at the Pre-congress Course "Thrombosis, state of the art. Thrombosis importance of intra and extra hospital care", Mexican Academy of Surgery 61st National Surgical Week with the theme "Unmet needs in prevention of thromboembolic disease" September 19-23, 2022.
- Organizer of the second international meeting of the Northeast College of Internal Medicine, with curricular endorsement from the Mexican Council of Internal Medicine, October 5-7, 2022
- Coordinator of the module: "Medical disease in pregnancy" and Speaker with the topic: Hypertensive disorders of pregnancy" in the First Virtual Congress of Women Internists "For women's health" carried out virtually on October 12 to 14, 2022

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PRESENTATIONS AT NATIONAL AND LOCAL MEETINGS

- Associate professor at the XLIX Annual Congress of the Mexican College of Critical Medicine, Guadalajara, Jalisco. October 10-15, 2022
- Lecturer on the topic Peripartum Cardiomyopathy at the XLV National Congress of Internal Medicine November 23-26, Merida, Yucatan, 2022
- Lecturer with the topic "Thromboembolism and thromboprophylaxis in obese pregnant women" at the Symposium "Obesity in Women: The Ignored Pandemic" College of Gynecology and Obstetrics of Monterrey, A. C. March 10-11, 2023
- Lecturer and Coordinator of the Thromboprophylaxis Workshop in the International Course of Internal Medicine 2023, Guadalajara Jalisco.
- Lecturer on the topic "Thromboprophylaxis, legal and medical implications" given at the Hospital de Gynecologia y Obstetricia UMAE 23, IMSS, June 2023
- Lecturer on the theme: "prevention of venous thromboembolic disease in bariatrics" given at the XXV International Congress of Surgery for obesity and metabolic diseases, August 2023.
- Participation as conferencist at the Simposio "Measures to prevent maternal death" Hybrid Modality, Cancún, Quintana Roo, 22-24 november, 2023
- Participation as ACP Conferencist in the 46 National Congress of Internal Medicine, November 28 - December 2, 2023 held in Cancun with the Topic: "Clinical Case: Will it be preeclampsia"?
- Coordinator of infectology Module in the Third International Congress of Women Internists Aug 22-24, 2024.
- Lecturer on the topic "Surgical Risk in Thromboembolic disease" Third international congress of women internists Aug 22-24, 2024.
- Participation as ACP Conferencist in the 46 National Congress of Internal Medicine, November 28 - December 2, 2023 held in Cancun with the Topic: "Fatty Liver in Pregnancy"
- Participation as Conferencist with the Topic: "Gynecologic emergencies" at the 46 National Congress of Internal Medicine, November 28 - December 2, 2023. Cancún, Quintana Roo.
- Participation as conferencist with the topic: Pulmonary embolism in pregnancy, Diagnosis and treatment" at the Simposio Morbilidad materna extremadamente grave. Colegio de Ginecologia de Monterrey, Marzo 2024
- Participation as conferencist in the National Congress of Internal Medicine, Monterrey N.L. November 2024
- Participation as coordinator and conferencist in the 7th International congress of intensive care medicine in obstetrics held in December, 2024 at. Edomex.

PRESENTATIONS AT INTERNATIONAL MEETINGS

- Session Coordinator: Short Talks: Antithrombotic Therapy at the 4TH BIENNIAL SUMMIT OF THE THROMBOSIS AND HEMOSTASIS SOCIETIES OF NORTH AMERICA. (THSNA). Marriot Marquis, San Diego California March 10, 2018.
- Participation in the XV National Conference on Updating Prevalent Diseases in Internal Medicine and SOLAMI and Cardiometabolica International Symposium with the Theme: Prevention of VTE in patients with medical problems. Bolivia, 25-27 of August, 2022

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PARTICIPATION IN INTERNATIONAL MULTI-CENTER CLINICAL TRIALS

- Sub-Investigator and Coordinator of the International, Randomized, Double-Blind Study to Evaluate the Efficacy and Safety of Fondaparinux Vs Enoxaparin in the Acute Treatment of Acute Coronary Syndromes – Non-ST-segment Elevation AMI or Unstable Angina – OASIS 5 (Completed) carried out in the Coronary Care Unit, Hospital of Cardiology UMAE 34 IMSS (PUBLISHED in N ENGL J MED 2006;354:1464-76)
- Sub-Investigator and Coordinator of the international, randomized study evaluating the efficacy and safety of Fondaparinux versus Postassium Insulin Pump Therapy, and UFH versus control in a wide range of patients with ST-segment elevation myocardial infarction. Protocol of clinical study 63131 MICHELANGELO: OASIS-6 (STEMI). (Finished) carried out in the Coronary Care Unit , Hospital de Cardiología UMAE 34 IMSS
- Coordinator of the multinational, randomized, double-blind, double-sham, parallel group study to evaluate the efficacy and safety of UFH versus enoxaparin in patients with ST-segment elevation myocardial infarction undergoing fibrinolytic treatment. Extract TIMI 25 (Finished) carried out in the Coronary Care Unit Hospital de Cardiología UMAE 34 IMSS
- Coordinator of the SICA Registry with ST elevation ExTRACT TIMI 25 REGISTRY carried out in the Coronary Care, Unit , Hospital de Cardiología, UMAE 34 (Finished)
- Sub-Investigator and Coordinator of the "SHINE" Protocol Randomized study of the dose range of hexadecasaccharide in patients with Unstable Angina or Non-ST-segment elevation Myocardial Infarction in whom percutaneous coronary has been scheduled. (Completed) carried out in the Coronary Care, Unit Hospital de Cardiology UMAE 34 IMSS
- Coordinator of the "PLATO" protocol. Randomized, double-blind, parallel group, Phase 3 study of the efficacy and safety of AZD 6140 compared with Clopidogrel for the prevention of vascular events in patients with acute coronary syndromes (ACS) with and without ST elevation [PLATO – Study of platelet inhibition and results in patients. (Finished) carried out in the Coronary Care Unit Hospital de Cardiología UMAE 34 IMSS
- Sub-Investigator and Protocol Coordinator: Double-blind, randomized, placebo-controlled, 5-titration arm study to evaluate the efficacy and safety of TAK-491 when compared to valsartan in subjects with essential hypertension. Carried out in the Cardiolink Clin Trials Research Unit (Completed).

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PARTICIPATION IN INTERNATIONAL MULTI-CENTER CLINICAL TRIALS

- Sub-Investigator and Protocol Coordinator: A multicenter, randomized, double-blind, rater-blind, non-inferiority study comparing the efficacy and safety of once-weekly idrabiotaparinux with oral-adjusted-dose warfarin in the prevention of cerebrovascular events and thromboembolic events systemic in patients with atrial fibrillation. BOREALIS AF Carried out in the Cardiolink Clin Trials Research Unit (Completed)
- Study Sub-Investigator: "Phase 3, Randomized, Double-Blind, Double-Dummy, Parallel-Group, Multicenter, Multinational Study Evaluating the Efficacy and Safety of DU176b Compared to Warfarin in Subjects With Atrial Fibrillation – Effective Anticoagulation with Next Generation Factor Xa for the Treatment of Atrial Fibrillation (ENGAGE-AF)" Carried out at the Cardiolink Clin Trials Research Unit (Completed)
- Principal Investigator of the study: "Multicenter, randomized, double-blind, placebo-controlled, parallel-group, phase III study to evaluate the safety and efficacy of Dapagliflozin as monotherapy in subjects with type 2 diabetes with inadequate glycemic control with diet and exercise" MB102-032 (Finished) Carried out at the Cardiolink Clin Trials Research Unit
- Coordinator of the SATURNO Study Study of Coronary Atheroma by InTravascular Ultrasound: Effect of Rosuvastatin Versus Atorvastatin (SATURN) SITE: Coronary Care Unit, UMAE 34 Cardiology Hospital STATUS: (Finished)
- Sub-Investigator and Coordinator of the clinical study APPRAISE-2 Apixaban to prevent Acute Ischemic Events-2 Randomized, double-blind, phase 3 study to evaluate the safety and efficacy of apixaban in patients with recent acute coronary syndrome Protocol CV185-068 STATUS : (Finished) Cardiolink Clin Trials
- Sub-Investigator of the study "A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate Cardiovascular Events After Treatment with Alogliptin in addition to Standard Care in Patients with Type 2 Diabetes and Acute Coronary Syndrome" Protocol Number SYR-322_402" STATUS : (Completed) Cardiolink Clin Trials
- Study sub-investigator: Dal OUTCOMES. "A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Assess Subsequent Cardiovascular Events in Patients With Stable Chronic Ischemic Heart Disease and Cardiovascular Risk Factor (Closed) Cardiolink Clin Trials.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PARTICIPATION IN INTERNATIONAL MULTI-CENTER CLINICAL TRIALS

- Subinvestigator of the multicenter, randomized, double-blind, parallel group, active-controlled Clinical Study to evaluate the efficacy and safety of LCZ696 compared with enalapril on morbidity and mortality in patients with chronic heart failure and reduced ejection fraction. (Closed) . AVIX Clinical Research S.C.
- Study Principal Investigator: A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Effect of SAR236553/REGN727 on the Occurrence of Cardiovascular Events in Patients who have Recently Experienced an Acute Coronary Syndrome. ODYSSEY (Finished) AVIX Investigación Clínica S.C.
- Study Principal Investigator: A multicenter, international, randomized, parallel group, double blind, placebo-controlled CArdiovascular Safety & Renal Microvascular outcomeE with LINAgliptin, 5 mg once daily in patients with type 2 diabetes mellitus at high vascular risk. CARMELINA. (Finished) AVIX Investigación Clínica S.C.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

GOOD CLINICAL PRACTICE AND RESEARCH COURSES

- Training Leaders in Clinical Research – Good Clinical Practices, Cuernavaca, Morelos July 12-14, 2007
- Research Subdirection School of Medicine of the UANL, Workshop for Clinical Research Coordinators. BMS Medical Research Unit of Mexico. Monterrey NL March 18, 2010
- Workshop Course on Good Clinical Practices for Ethics and Research Commissions. Independent Committee of Ethics, Research and Biosafety of Bajío S.C. Nov 16, 2011
- Introduction to the Clinical Drug Development Process. Overview of ICH Good Clinical Practice April 2013
- Recruitment and Retention Strategies_Version 1 April 4, 2013
- GCP Version 1 April 4, 2013
- EDC Training Version 1 April 4, 2013
- Audits and Inspections Version 20 August 8, 2013
- Alirocumab Mechanism of action April 4, 2013
- Adjudication process and issues –EFC11570 – 30 September 2014 - June 3, 2015
- AC-058B301/optimum Investigator Meeting Coral Gables, FL, USA 9-10 April 2015
- Good Clinical Practices. NIDA Clinical Trials Network. National Institute on Drug Abuse, National Institutes of Health, Department of Health and Human Services, 9 September 2015
- 3rd. Symposium for Updating Good Clinical Practices. UDEM, Division of Health Sciences. Monterrey City of Health Cluster. A.C. April 15, 2016.
- COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI PROGRAM) COMPLETION REPORT - PART 1 OF 2
- Module for students who research and students who are subjects of research. (ID: 1671) 17-Jan-2017 9/10 (90%)
- History and ethical principles (ID: 1478) 18-Jan-2017 5/5 (100%) History of the ethics of biomedical research, its principles and their application to human research subjects (ID: 1676) 18-Jan- 2017 5/5 (100%) or Basic Regulations and Review Process of the Research Ethics Committee (ID: 1479) 18-Jan-2017 5/5 (100%)

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

GOOD CLINICAL PRACTICE AND RESEARCH COURSES

- Module on CIOMS-2002 guidelines (ID: 1673) 18-Jan-2017 5/5 (100%)
- Research ethics committees: authority and role in the review of research protocols. (ID: 1675) 18-Jan-2017 5/5 (100%)
- Informed consent (ID: 1480) 19-Jan-2017 4/4 (100%)
- International aspects in informed consent. (ID: 1674) 19-Jan-2017 5/5 (100%)
- Risk assessment in behavioral and social science research (ID: 1716) 20-Jan-2017 5/5 (100%)
- Privacy and confidentiality (ID: 1677) 21-Jan-2017 5/5 (100%)
- Social and behavioral research for biomedical researchers. (ID: 1718) 21-Jan-2017 4/4 (100%) o Genetic Research (ID: 1491) 21-Jan-2017 2/2 (100%)
- Research with archival data (ID: 1490) 23-Jan-2017 2/2 (100%)
- Research with protected populations. Vulnerable subjects: a definition (ID: 1483) 23-Jan-2017 4/4 (100%)
- Research involving minors. (ID: 1498) 23-Jan-2017 3/3 (100%)
- Research involving fertile women, pregnant women, and fetuses (ID: 1499) 23-Jan-2017 3/3 (100%)
- Group damage. Research with culturally or medically vulnerable populations (ID: 1719) 23-Jan-2017 3/3 (100%)
- Workers as research subjects - A vulnerable population. (ID: 1720) 23-Jan-2017 3/3 (100%)
- Research using the Internet. (ID: 1678) 23-Jan-2017 4/4 (100%)
- Conflicts of interest in research with human subjects. (ID: 1669) 23-Jan-2017 3/3 (100%)
- Ethics in the publication of research results (ID: 1717) 23-Jan-2017 6/6 (100%)
- Research with humans: special populations (ID: 1754) 23-Jan-2017 9/9 (100%)
- Ethical aspects of vaccine research (ID: 12112) 23-Jan-2017 6/6 (100%)
- Integrity in scientific research (ID: 12134) 23-Jan-2017 1/5 (20%)
- Research Ethics, Informed Consent, August 23, 2017. Regional Bioethics Program, and ethics of science of UNESCO. School of Medicine and Health Sciences, TecSalud.
- International Congress of Bioethics September 29 and 30, 2022.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PARTICIPATION IN RESEARCH CONFERENCES

- Participation in the Research Forum XXXV Anniversary UMAE 25, IMSS with the Research Work Maternal-surgical complications as a risk factor for presenting HELLP Syndrome in women with severe preeclampsia » June 2015
- Participation in the XXII Northern Forum on Health Research with the research work: Effectiveness of magnesium sulfate at a sustained dose > 24 hours postpartum to prevent postpartum eclampsia in women with severe preeclampsia.
- Participation in the Ier International Congress of Hemostasis and Thrombosis with the Research Work: In situ breast CA and Superficial Vein Thrombosis as the initial manifestation of Acute Myeloid Leukemia.
- Oral Presentation : Behavior of Obstetric Hemorrhage in a Third Level Gynecological Intensive Care Unit. XXIX National Congress of Research in Medicine. October 4 to 7, 2017. UANL.
- Clinical Case Presentation: Chest Pain in Pregnancy due to a Cardiovascular Catastrophe. Presented at the National Congress of Internal Medicine, León, Gto. November 2017.
- Poster presentation: "Perinatal and Obstetrics Outcomes of a patient with aplastic anemia during pregnancy: A case Report. 4TH BIENNIAL SUMMIT OF THE THROMBOSIS AND HEMOSTASIS SOCIETIES OF NORTH AMERICA. (THSNA). Marriott Marquis, San Diego, California. March. 10 , 2018.
- Presentation in plenary session of a difficult clinical case: Abnormal Uterine Bleeding and DVT, 4TH BIENNIAL SUMMIT OF THE THROMBOSIS AND HEMOSTASIS SOCIETIES OF NORTH AMERICA. (THSNA). Marriott Marquis, San Diego, Calif. March. 10, 2018.
- Presentation of the poster: Atypical clinical presentation of subcapsular hepatic hematoma that complicates pregnancy, presented at the XLI National Congress of Internal Medicine. Merida Yucatan. November 21-24, 2018

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PARTICIPATION IN RESEARCH AND AS A REVIEWER OF POSTERS

- Poster presentation: The importance of a Subcommittee for the Prevention of Venous Thromboembolism in the Hospital. Regarding a case of Fatal Pulmonary Thromboembolism, presented at the XLI National Congress of Internal Medicine. Merida Yucatan. November 21-24, 2018
- Poster Presentation: Sustained Ventricular Tachycardia triggered during pharmacological stress echo with Dobutamine, presented at the XLI National Congress of Internal Medicine. Merida Yucatan. November 21-24, 2018
- Participation as Poster Judging in the XL National Congress of Internal Medicine. Poliforum, Leon, Guanajuato. November 1-4, 2017.
- Participation as Poster Judging in the XLI National Congress of Internal Medicine. Merida, Yucatan November 21-24, 2018.
- Participation as Poster Judging in the XLII National Congress of Internal Medicine. Acapulco Guerrero. November 27-30, 2019.
- Participation as Poster Judging in the XLIII National Congress of Internal Medicine. Virtual Modality December 2 to 5, 2020
- Participation as Poster Judging in the XLIV National Congress of Internal Medicine. December 2 to 5, 2022
- Participation as Poster Judging in the 45 National Congress of Internal Medicine. November 28-December 2, 2023
- Participation as Poster Judging in the 46 National Congress of Internal Medicine. November 2024
- Participation reviewing abstracts on line for the Internal Medicine Meeting in New Orleans April 3-5, 2025.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

THESIS ASESORY AT GYNECOLOGY AND OBSTETRICS HOSPITAL, UMAE 23, IMSS

- Prevalence of Metabolic Syndrome in the Postpartum Period in Women With Severe Preeclampsia Without Previous Pathology. June 26, 2012.
- Association of Maternal and Surgical Complications in Patients With and Without Hellp Syndrome Presenting With Severe Preeclampsia. Nov 6, 2013.
- Behavior of Obstetric Hemorrhage in a Gynecological Third Level Critical Medicine Unit. Number of cases. Aug 29, 2014.
- Concordance Between the RCOG Scale and the Caprini Scale to Assess the Risk of Venous Thromboembolism in Women in the Immediate Postpartum Period. Nov. 25, 2014.
- Association Between Magnesium Sulfate Use With Dose Sustained <24 Hours Compared To Dose Sustained For >24 Hours Postpartum To Prevent Eclampsia. June 22, 2015.
- Effectiveness of Magnesium Sulfate at a Sustained Dose > 24 Hrs Postpartum to Prevent Postpartum Eclampsia in Women With Severe Preeclampsia. Sep 29, 2015.
- Association Between Massive Transfusion And An Obstetric Shock Index > 1.0 In Women With Obstetric Hemorrhage. April 4, 2016.
- Association between massive transfusion and base deficit greater than or equal to -10 in women with obstetric hemorrhage. Jun 28, 2017
- Risk association between pre-pregnancy obesity and immediate puerperium with "life-threatening maternal condition" compared with patients in the immediate physiological puerperium. March 2018.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

THESIS REVISOR AT GYNECOLOGY AND OBSTETRICS HOSPITAL, UMAE 23, IMSS

- "Persistence of postpartum hypertension in patients with a history of early vs. late severe preeclampsia".
- "Correlation of Pregestational Body Mass Index with Blood Pressure in Preeclamptic Pregnant Patients with Severity Data".
- Association between altered mean uterine artery pulsatility index in the second trimester and the development of preeclampsia in women with high-risk pregnancy".
- "Perinatal outcomes in women with gestational and pregestational diabetes from a diabetes and pregnancy program"
- "Effectiveness Of Letrozole Compared To Clomiphene Citrate Added To FSHR In Achieving Ovulation In Anovulatory Women With Low Complexity Ovarian Stimulation".
- "Accuracy of the Protein/Creatinine Ratio to Detect Proteinuria in Women Pregnant More Than 20 Weeks With Arterial Hypertension ".
- "Risk factors associated with recurrence of urinary tract infection in postmenopausal women".
- "Risk factors associated with urinary tract injuries in gynecological surgery".
- "Determination of the duration of uterine tamponade with SSB balloon in relation to the clinical outcome in patients with obstetric haemorrhage".

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PARTICIPATION IN CHAPTERS OF BOOKS AND PUBLICATIONS

- Author of the Pregnancy and Thrombosis Chapter. Book Hemostasis and Thrombosis 1a. Edition. Kindle Publisher, 2016
- Author of the Chapter Chest pain in pregnancy. Internal Medicine Book in Obstetrics. Diagnostic and therapeutic approach. ISBN: 978-607-741-238-0, 1a. Edition, 2019. Editorial Alfill S.A. de C.V.
- Author of the Obstetric Hemorrhage Chapter. Internal Medicine Book in Obstetrics. Diagnostic and therapeutic approach. ISBN: 978-607-741-238-0, 1a. Edition, 2019. Editorial Alfill S.A. de C.V.
- Author of the Chapter Cerebrovascular disease during pregnancy. Book Selected Topics in Internal Medicine 2018. Editorial Alfill S.A. de C.V. PDF ISBN 9786077412069
- Co Author of the Chapter Transfusion in pregnancy. Book Selected Topics in Internal Medicine 2018. Editorial Alfill S.A. de C.V. PDF ISBN 9786077412069
- Author of the Chapter Thromboprophylaxis in the perioperative period. Comprehensive Perioperative Assessment Book, Redefining the concept. Editorial Alfil ISBN-10 : 6077412627, ISBN-13 : 978-6077412625
- Usefulness of the shock index as a predictive value for the transfusion requirement in obstetric hemorrhage, Original article. Gynecologist Obstet Mex. 2018 Oct;86(10):665-674.
- María Cristina Guerrero de León., et al. "Primary Double Synchronous Ovarian Tumor: Giant Mucinous Adenocarcinoma/Steroid Cell Tumor with Intense Virilization. Clinical Case and Review of Literature". EC Gynecology 8.9 (2019): 782-790.
- María Cristina Guerrero de León., et al. "Acute Abdomen in Pregnancy...Expect the Unexpected". EC Gynecology 9.2 (2020): 01-10.
- Participation as co autor of the article: "Perioperative Acute Pulmonary Embolism: A Concise Review with Emphasis on Multidisciplinary Approach" Int J Angiol 2020 Sep;29(3):183-188.doi: 10.1055/s-0040-1709501.
- Participation as co autor of the article: Thrombotic complications in severe COVID-19: focus on venous thromboembolism, thromboprophylaxis, and anticoagulation. Published in Cir Cir. 2020;10.24875/CIRU.20000879. doi:10.24875/CIRU.20000879

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

PARTICIPATION IN CHAPTERS OF BOOKS AND PUBLICATIONS

- Participation as co author of the poster presentation "Successful Treatment with Edoxaban in Heparin Induced Thrombocytopenia with thrombosis: A Case Report" presented at ISTH 2021 Congress July 17-21, Philadelphia, Pensilvania USA.
- Participation as co author of the article Comprehensive Care Protocol: Protocolo de Atención Integral: hipertensión arterial sistémica. Rev Med Inst Mex Seguro Soc. 2022;Supl 1:S34-46.
- Author of the Chapter Thromboprophylaxis in the patient with a medical problem. Book Selected Topics of Internal Medicine 2022. Editorial Alfil, ISBN: 978-607-741-310-3, 1st. Edition, 2022
- Co Author of the Chapter Most frequent anemias in adults. Book Selected Topics of Internal Medicine 2022. Editorial Alfil, ISBN: 978-607-741-310-3, 1st. Edition, 2022
- Author of the Chapter Preeclampsia-Eclampsia, Book Selected Topics of Internal Medicine 2023. Editorial Alfil, ISBN: ISBN: 978-607-741-330-1, 1st. Edition, 2022
- Editor and Co Autor of the First Internal Medicine book applied to clinical cases. October 2022 Editorial Distribuna, ISBN: 9789585577671
- Editor and Co Autor of the Book "Health in women" 2023, College of Internal Medicine of México, in press.
- Autor of the chapter "Diagnostic approach to the patient with acute and chronic cough ". Book Clinical Medicine in five minutes, Editorial Innovación Educativa, November 2023, ISBN 978-607-59798-7-8.

MARIA CRISTINA GUERRERO DE LEÓN

MD, FACP

ORGANIZATION OF ACADEMIC EVENTS

- June 24, 2016. Thromboprophylaxis national day. Presentation of the Continuous Improvement Program in the prevention of venous thromboembolism. The Beginning of the Subcommittee on Thromboprophylaxis of the UMAE 23.
- Participation with the International Society of Thrombosis and Hemostasis on October 13, 2016 World Thrombosis Day - Academic Program at UMAE 23.
- Organizer of the Thromboprophylaxis Week at UMAE 23. Program carried out from June 19 to 26, 2017. Allusive to June 24, National Day in favor of thromboprophylaxis.
- Organizer of the First Symposium on Thrombosis in Gynecology and Obstetrics, in conjunction with the Society of Gynecology and Obstetrics of Monterrey. June 30-July 1, 2017
- Organizer of the Academic Event: October 13, 2017. World Thrombosis Day. 2a. Edition.
- Organizer of the Academic Event: October 13, 2018. World Thrombosis Day. 3rd Edition.
- HEAD PROFESSOR in the Internal Medicine and Critical Medicine Workshop Course. MEDICRIT. May 1-3, 2019. Saltillo Coahuila.
- Organizer of the Thromboprophylaxis Week at UMAE 23. Program carried out from June 24 to 28, 2019. Allusive to June 24, National Day in favor of thromboprophylaxis.
- Participation in the Organizing Committee of the First Residents Walk against Thrombosis held on October 13, 2019 at the Parque España facilities in Monterrey N.L.
- Organizer of the First International Meeting of the Northeast College of Internal Medicine October 6-8, 2021 virtual modality.
- Organizer of the first International Symposium of preeclampsia, Hospital Ginequito May 2022.
- Organizer of the Second International Meeting of the Northeast College of Internal Medicine, October 5-7, 2022, face-to-face mode. Endorsed by the Mexican Council of Internal Medicine.