



## **GENERAL SURGERY & PLASTIC SURGERY**

### **Dr. Isaac Baley**

A member of the Zafir Medical Center team of plastic surgeons who are members of the Mexican Council of Plastic, Aesthetic and Reconstructive Surgery.

#### **Actual position**

2019— Plastic Surgeon – ABC Medical Center

2020— Plastic Surgeon – National Cancer Institute – Breast Tumor Service.

#### **Education**

2015 – 2019 Residency in Plastic and Reconstructive Surgery. UNAM – HCSAE PEMEX, Mexico City.

2009-2013 Residency in General Surgery. UNAM – ABC Medical Center. Mexico City

2007-2008 Undergraduate Internship - National Institute of Perinatology, Mexico, DF. National Institute of Pediatrics, Mexico, DF. Hadassah Ein Karem, Hebrew University of Jerusalem, Jerusalem, Israel.

2001-2007 Faculty of Medicine. Anahuac University, Mexico City.

1989 – 2001 Preschool – High School: Colegio Hebreo Tarbut, Mexico City

#### **Councils**

2019 Certified by the Mexican Council of Plastic and Reconstructive Surgery

2013 Certified by the Mexican Council of General Surgery

#### **Experience abroad**

Oct – Nov 2018

Body Contouring. UMPC, Pittsburgh, PA, USA. Under the supervision of Dr. J. Peter Rubin

May – Jun 2013

Oncological Surgery. Tel Aviv Sourasky Medical Center, Tel Aviv, Israel.

Nov – Dec. 2012

Minimally Invasive Surgery. The Methodist Hospital, Houston, TX, USA.

### **Academic activities**

2014 Associate Professor - Technological Institute of Higher Studies of Monterrey, School of Medicine. Prehospital Care and Clinical Skills, Associate Professor.

### **Awards, Recognitions and Scholarships**

**2021** First Place – International Contest of Residents of the Ibero-Latin American Federation of Plastic Surgery. Punta Cana, Dominican Republic.

**2019** Degree in Plastic and Reconstructive Surgery with Honorable Mention. National Autonomous University of Mexico (UNAM) – CMABC

**2019** First Place – National Contest for Residents “Fernando Ortiz Monasterio”. 50th Annual International Congress of the Mexican Association of Plastic and Reconstructive Surgery.

**2018** Chief Resident. Plastic and Reconstructive Surgery Service. UNAM – HCSAE PEMEX, Mexico City

**2017** Third Place – National Contest for Residents “Fernando Ortiz Monasterio”. 48th Annual International Congress of the Mexican Association of Plastic and Reconstructive Surgery.

**2013** Degree in General Surgery with Honorable Mention. National Autonomous University of Mexico (UNAM) – CMABC

**2012** Head of Residents. UNAM – ABC Medical Center Medical Center. Mexico City

**2002-2008** Scholarship for Academic Excellence. Faculty of Medicine – Universidad Anáhuac, Mexico City

**2006** Representative of the Student Body and Valedictorian. Faculty of Medicine – Anáhuac University, Mexico City

**2004-2006** President. Alumni Association of the American College of Physicians (ACP), Mexico Chapter. Faculty of Medicine – Anahuac University, Mexico City.

**1998-2001** APAUNAM Scholarship for Academic Excellence. UNAM

### **Associations**

**2016** American Society of Plastic Surgeons (ASPS)

**2015** Mexican Association of Plastic, Aesthetic and Reconstructive Surgery (AMCPER).

**2014** Mexican Association of General Surgery (AMCG)

**2010** American College of Surgeons (ACS)

### **Certifications**

2019 Basic Life Support

2015 ABLS (Advanced Burn Life Support)

2012 FUSE (Fundamental Use of Surgical Energy), Society of American Gastrointestinal and Endoscopic Surgeons (SAGES).

2009 ATLS. American College of Surgeons, Mexico Chapter.

2009 ACLS. American Heart Association

### **Courses**

2018 AO-CMF. Advances in Orthognathic Surgery. Mexico City

2017 Diploma in Microsurgery. ABC Medical Center-UNAM. Mexico City. (100 hours)

2017 AO-CMF Regional Course. Orbit and Mid-face with anatomical models. Mexico City.

2014 Statistics in Medicine. Stanford University (online)

2013 Writing in the Sciences. Stanford University (online)

2004 Research Methodology. CMN “Siglo XXI”, Mexico, DF, (40 hours).

2010 Advanced Fluid and Electrolyte Management. ABC Medical Center

## **Conferences**

March 2022 Congress of the Mexican Association of Plastic and Reconstructive Surgery, Mazatlan, Sinaloa.

Sept. 2019 Plastics Surgery, The Meeting. ASPS, San Diego, CA.

Sept. 2018 Plastics Surgery, The Meeting. ASPS, Chicago, IL

August 2018 2nd Ibero-American Forum on Safety in Plastic Surgery. Guadalajara, Mex.

July 2018 XXII International Course on Plastic, Aesthetic and Reconstructive Surgery – Gluteal Surgery. Mazatlán, Sin. Mexico

June 2018 Medical Sessions of the 34th Anniversary of the HCSAE

May 2017 48th International Congress of the AMCPER (Mexican Association of Plastic, Aesthetic and Reconstructive Surgery), Cancun, Mexico.

April 2017 The Aesthetic Meeting, ASAPs, San Diego, CA.

March 2017 MBE in Facial Surgery. National Symposium Plastic and Aesthetic Surgery. College of Plastic Surgery of the Valley of Mexico, ABC Medical Center, Mexico.

January 2017 Innovations in the Multidisciplinary Management of Burns and Complex Wounds. PEMEX, Mexico City, Mexico.

January 2017 XXVII Update on Fundamentals in Plastic Surgery. AMCPER. Mexico City.

Oct 2016 Plastics Surgery, The Meeting. ASPS, Los Angeles, CA.

March 2016 "Today in Plastic Surgery", HCSAE, Mexico, DF

January 2016 XXVI Update on Fundamentals in Plastic Surgery. AMCPER. Mexico City.

Nov. 2015 Technological Advances and Multidisciplinary Management of the Burned Patient.

January 2015 XXV Update on Fundamentals in Plastic Surgery. AMCPER. Mexico City.

Nov. 2012 Mexican Association of General Surgery. Annual Meeting, Cancun, Mexico.

Oct. 2012 American College of Surgeons, Annual Meeting, Chicago, IL, USA.

Mar. 2012 Society of American Gastrointestinal and Laparoscopic Surgeons (SAGES), Annual Meeting, San Diego, CA, USA.

May. 2011 Mexican Association of Endoscopic Surgery, Annual Meeting, Los Cabos, Mexico.

Feb. 2011 VIII International ECOS in General Surgery, Mexico City.

Feb. 2010 VII International ECOS in General Surgery, Mexico City.

Oct. 2009 Academic Excellence Meeting. CM-ABC, Mexico, DF.

Apr. 2006 American College of Physicians Annual Session, Philadelphia, PA,

Feb. 2006 American College of Physicians International Update, Mexico City.

Apr. 2005 American College of Physicians Annual Session, San Francisco, CA,

Oct. 2004 3rd Congress of Medical Specialties, CMN "Siglo XXI", Mexico, DF.

## **Conferences and Presentations**

October 2019 Breast reconstruction with hanging TRAM in the obese patient. XLIII Meeting of the Society of Plastic and Reconstructive Surgery of the IMSS. Mexico City.

October 2019 Mastopexy in massive weight loss. XLIII Meeting of the Society of Plastic and Reconstructive Surgery of the IMSS. Mexico City.

February 2019 Hyaluronidase + Alteplase in the treatment of hyaluronic acid thrombosis. 51st International Meeting of the AMCPER. Leon, Gto. Mex.

July 2018 Gluteopexy. XXII International Course on Plastic, Aesthetic and Reconstructive Surgery – Gluteal Surgery. Mazatlán, Sin. Mexico

March 2017 Evidence-Based Medicine: Rhytidectomy. National Symposium Plastic and Aesthetic Surgery. College of Plastic Surgery of the Valley of Mexico, ABC Medical Center, Mexico.

February 2016 Electrosurgery: Myths and Realities. HCSAE Petroleos Mexicanos

April 2015 "The Shah of Iran". Hospital Central Sur de Alta Especialidad, PEMEX, Mexico.

Oct 2013 Prospective Evaluation of New Intraperitoneal Meshes: An Animal Model. Martin-Tellez, Martinez-Munive, Baley-Spindel, Lopez-Hernandez, Molina-Lopez. Poster, ACS Annual Meeting, Washington DC, 2013.

Oct 2012 Reducing Postoperative Pain In Inguinal Hernia TAPP Repair: The Role Of Cyanoacrylic Adhesives. Baley-Spindel, Martin-Tellez, Martinez-Munive, Cartel ACS Annual Meeting, Chicago, IL, EU, Oct. 2012.

Sep. 2012 Electrosurgery: Myths and Realities. Medical Association of the Center, Doctor ABC, Mexico.

March 2012 Mini-laparoscopic Approach with Hidden Scars for Usual Laparoscopic Procedures. Baley, Martin, Martinez, Padilla, Quijano. Poster Presentation SAGES Annual Meeting, San Diego, CA, Mar. 2012

Oct. 2011 Virtually Scarless Four-port Laparoscopic Cholecystectomy. Martin, Baley, Martinez Poster Presentation ACS Annual Meeting, San Francisco, CA. October 23-27, 2011.

May. 2011 Appendectomy without scars. Mexican Association of Endoscopic Surgery, Annual Meeting, Los Cabos, Mexico.

Mar. 2011 Management of Anticoagulants in the Surgery Floor. CM-ABC Professional Development Center.

Feb. 2010 Colonic Inertia. Medical Association of the ABC Medical Center, Mexico.

May 2009 Laparoscopic Management of Traumatic Urinary Injury. Cartel Arce, Charabati, Baley, Arriola, Martinez-Peschard. 33rd International Meeting of the Mexican Association of General Surgery. Veracruz Mexico

Management of Penile Fracture and Cutaneous Necrosis with Partial Thickness Skin Grafts. Cartel Arce, Charabati, Baley, Sanchez, Papadopoulos, Martinez-Peschard. 33rd International Meeting of the Mexican Association of General Surgery. Veracruz Mexico

Renal Infarction Secondary to Antiphospholipid Syndrome. Cartel Arce, Charabati, Baley, Sanchez, Chavez, Martinez-Peschard, Muñoz. 33rd International Meeting of the Mexican Association of General Surgery. Veracruz Mexico

2007 Perfecting heart sounds, 3rd National Meeting of Internal Medicine, Dalinde Hospital, Mexico City.

2002 "3D Embryo, Three-Dimensional Embryological Models. 7th, Academic Meeting, Faculty of Medicine. Anahuac University, Mexico.

## **Publications**

2019 Perivascular Hyaluronidase With Alteplase as Treatment for Hyaluronic Acid Thrombosis. Baley-Spindel I., Davila-Diaz R., Marquez-Espriella E., Villaseñor-Villalpando E. *Aesthet Surg J.* 2019 Apr 8

2018 Mesenchymal Stem-Cells Patches Improve Burn Wound Reepithelization in a Porcine Wound Model: A Prospective, Comparative Study González Martínez PC, Baley Spindel I, Villasenor Villalpando E\*, Garzon Muvdi J, Chávez Osorio D and Márquez Espriella C *Int J Transplant & Plastic Surge* 2018, 2(3):125.

2018 Radical mastectomy versus lumpectomy for the treatment of breast cancer: bioethical implications. *Plastic surgery.* 2018; 28 (2): 92-96

2018 The Research Question. Baley-Spindel I, Gonzalez C. In: Reyna, J. "Research Methodology" *In press*

2018 Inflammatory Process of the Burned Patient. Marquez E., Villaseñor E., Baley I. in: Rojas, Reyna, "Sepsis and Multiple Organic Dysfunction", 1st edition, PyDESAs, Mexico, 2018.

2016 Lyell syndrome: Report of a non-fatal pediatric case. Villaseñor Villalpando E, Davila Díaz R, González Martínez PC, Baley Spindel I, Rojas García P, Gutiérrez Salgado JE. *Medical journal of Petróleos Mexicanos*, Oct-Dec; 1(3):8-14.

2014 Laparoscopic management of a congenital diaphragmatic hernia. Núñez García E, Baley Spindel I. *Gac Med Mex.* 2014 Sep-Oct;150(5):461-464.

2014 Principles of Electrosurgery. Baley I. in: Heinze, Herrera, Moreno, "Surgery Manual", 1st edition, Intersistemas, Mexico, 2014.

2014 Abdominal Wall Incisions and Closure. Baley I. in: Heinze, Herrera, Moreno, "Surgery Manual", 1st edition, Intersystems, Mexico, 2014

2011 The Sha's Spleen Cervantes J, Baley I. *J Am Coll Surg.* 2011 Aug;213(2):340

2011 An Eldery Female with Abdominal Pain Baley I, Martin KS, Cervantes J. *Gac Med Mex.* 2011 May-Jun;147(3):275-8.

2011 Baley Thoracic Surgery. In Cervantes, Rojas, Cervantes, Moreno, Murillo, "The ABC of Surgery", 1st edition, Alfil, 2011.

2011 Esophageal Diseases Baley, I. In Cervantes, Rojas, Cervantes, Moreno, Murillo, "The ABC of Surgery", 1st edition, Alfil, 2011.

## **Research**

2017 Perivascular Application of Hyaluronidase vs. Hyaluronidase with Alteplase in Hyaluronic Acid Thrombosis: Animal Model Baley I., Davila R., Marquez C.

2016 Mastectomy vs. Lumpectomy in the Treatment of Breast Cancer. bioethical implications. Pérez-Garmendia R., Garzon-Mudi J., Baley-Spindel I., Villaseñor-Villalpando E., Marquez-Espriella C. Role: Data collection, manuscript preparation.

May 2012-Feb 2013 –Reinforced Abdominal Wall Closure for Evisceration and Acute Dehiscence: Animal Model.

Baley, I., Martin, KS., Mansbach-Kleinfeld, I., Martinez A.  
Department of Experimental Surgery, CM-ABC, Mexico.  
Postgraduate Thesis, General Surgery  
Role: Principal Investigator

June 2012-Dec 2012 – Prospective Evaluation of New Intraperitoneal Meshes in an Animal Model.

Martin, KS., Baley, I., Martinez A.  
Department of Experimental Surgery, CM-ABC, Mexico  
Role: Study design, theoretical framework, data interpretation.

2011 Prophylactic Mastectomy at the ABC Medical Center. CM-ABC, Mexico. Murakami P, Baley I., Gonzales-De Leo S.  
Role: Data collection.

### **Volunteering**

Oct 2017 National Program of Extramural Hand Surgery. Mexican Association for Hand Surgery, Veracruz, Mex.

Oct. 2016 3rd Breast Reconstruction Campaign REBICAM Guanajuato, Mex.

Sept. 2016 National Breast Reconstruction Campaign. General Hospital of Mexico.

Feb. 2008 Altius/Helping Hands Medical Missions. Volunteer Doctor Chunhunhub/Tulum, Quintana Roo. Mexico

1998-2007 GAMP COAJ Prehospital Medical Support Group TUM Volunteer Mexico City, Mexico.

### **Extracurricular Activities**

2002-2006 Theater Actor 12, 13, 14, and 16 “Habima” Theater Festival Israelita Sports Center, Mexico.

English language. Spoken (100%), Read (100%), Written (100%),  
Hebrew. Spoken (95%), Read (90%), Written (80%),

### **Skills**

Word, PowerPoint, Excel, Access, FileMaker, Photoshop, HTML Programming, Web Design, Video Editing.

### **Interests**

Computing, Digital Design, Web Marketing, Cooking, Reading, Travelling.