



PANAMERICAN TRAUMA SOCIETY SOCIEDAD PANAMERICANA DE TRAUMA

ANTONIO MARTTOS, MD NEW EXECUTIVE DIRECTOR - PTS



Dr. Marttos' interest in trauma began when he was a medical student in Brazil and attended his first trauma course. During residency, he did a rotation at Tampa General Hospital. It was the first time Dr. Marttos heard about the Panamerican Trauma Society (PTS), which peaked his interest in trauma care in the Americas. He helped develop the pre-hospital system in Brazil, working as an EMS doctor.

Dr. Marttos focused his early work on trauma and emergency surgery at the ABC Foundation School in Brazil. He visited international Trauma Centers to learn and develop relationships to improve trauma care in Brazil. He visited the Ryder Trauma Center in Miami and was invited to apply for their Trauma Fellowship in 2002. During his fellowship, he worked at the William Lehman Injury Research Center (WLIRC) becoming interested in Telemedicine educational and research projects.

He joined the University of Miami faculty and was named Director of e-Global Health and moved up on academic rankings all the way to Professor of Surgery.

Dr. Marttos created a Telemedicine Department at the WLIRC/Ryder Trauma Center which received multiple federal research grants validating the use of Telemedicine to support medical operations in remote locations including mass casualty situations with the US Army Surgical Teams. Dr. Marttos also participated in Telemedicine Education and Advice for Military Medicine (TEAMM) delivering Grand Rounds lectures from the Ryder Trauma Center to military clinicians in Hurlburt Field Air Force Base.

In 2007, Dr. Marttos developed and launched a weekly Tele-Trauma Grand Rounds Program that still connects hospitals and universities from more than 40 countries including the US. He created a State of Florida Telemedicine and Disaster Network connecting trauma centers to remote hospitals in 2010. Dr. Marttos received numerous awards including the Florida Department of Health Outstanding Leadership Award and the First Annual Florida State Surgeon General Health Innovation, Prevention, and Management Award. In 2011, his Telemedicine Program was selected to support US operations in Iraq, operating a 24/7 response center connected to Iraqi hospitals. After the Haitian earthquake, Dr. Marttos was in-person in the field and later coordinated telemedicine daily ICU rounds and surgical mentorship from Miami. In 2012, his Telemedicine Program received a nomination for an award from the Vatican as one of the most important humanitarian projects in the world.

In 2011, Dr. Marttos developed a Telemedicine project in Sports Medicine for the Brazilian Olympic Committee, which was implemented during the 2011 Pan-American Games and the 2012 London Olympic Games, where a Telemedicine network linked hospitals in London, Miami and 3 hospitals in Rio de Janeiro, Brazil. Dr. Marttos served as Brazilian Olympic Committee Team Physician for the 2012 London Olympic Games and the 2015 Toronto Pan American Games.

In 2010, the Rio de Janeiro Department of Health implemented a Trauma System for the 2014 FIFA Soccer World Cup and 2016 Olympic Games. The University of Maryland Shock Trauma Center and University of Miami Ryder Trauma Center worked on this project. Dr. Marttos led the Miami program, facilitating the opening of 2 Trauma Centers. Dr. Marttos then created emergency plans, MCI response and organized the medical response and was appointed the Emergency Services and

Disaster Manager for the Rio 2016 Olympics Games. Dr. Marttos has a special interest in the development of trauma care in sports and is the Chief Medical Officer of the Formula 1 Miami GP.

Dr. Marttos was inducted as “Honorary Member of the Brazilian Academy of Military Medicine” and as “Foreign Correspondent to the Brazilian National Medical Academy. Dr. Marttos spoke at NATO (Allied Forces in Europe) Special Operations Forces Conference in April 2013 where Military Medical leaders from 28 allied countries learned how to use Telemedicine to help during prolonged field care. Many of those countries now use Telemedicine in their daily operations.

Over the past few years, Dr. Marttos’ focus has been on medical education and how to develop new tools and curriculums to deliver quality medical education to medical students and physicians at the University of Miami and the world. Dr. Marttos has lectured internationally, contributing to many publications. He developed a hyper-realistic simulation course, Critical Decisions in Trauma, and is currently working with the University of Miami and the PTS to make this course available to learners throughout the world. A demo of this course and test classes have been performed in Qatar, China, and Brazil; the feedback has been outstanding. This will be implemented at the University of Miami Next Generation curriculum soon. He was one of the editors of the book “Trauma Golden Hour”, that has more than 35000 downloads worldwide.

Dr. Marttos’ contributions for the Panamerican Trauma Society started in 2010, when PTS President Raul Coimbra asked Dr. Marttos to develop the University of Miami/Ryder Trauma Center Telemedicine Grand Rounds as part of the educational activities of the PTS. This project has been very successful with more than 540 conferences held to date. During the last 12 years, Dr. Marttos held many positions at PTS, like Chair of the PTS Telemedicine Committee, member of the Education Committee, Vice President, a member of the Executive Committee and was President from November 2020 until November 2022. He is on the Editorial Board of the Pan-American Journal of Trauma, Critical Care and Acute Care Surgery.

During the COVID-19 pandemic, as PTS President elect, Dr. Marttos led a series of webinars called Global Response to COVID-19. More than 3300 physicians from 70 countries participated in 21 highly successful conferences. This project was possible due to the collaboration between the PTS, the World Coalition for Trauma Care,

the American Association for Surgery of Trauma International Relations Committee, of which Dr. Marttos is a member, the University of Miami and Virginia Commonwealth University. In 2021 Dr. Marttos created a series of monthly meetings in Spanish where new members from multiple Latin American countries present their cases, discuss the trauma management of critical patients utilizing their local resources. During these meeting Dr. Marttos also interviewed many former PTS presidents to preserve the memories of our society.

In 2021, Dr. Marttos in 2021 proposed the “Virtual Education Center”, a platform that connects all PTS members. It already has more than 300 videos of educational activities and meetings recorded and available to the watched at any time. This platform also has multiple forums in different topics that allows members to interact and start discussions among themselves. This platform can potentially become an important product of our society.

Through all these activities, Dr. Marttos has remained quite humble, never calling attention to himself. Instead, he always deflects credit to others. He guided the PTS through its toughest time, the Covid pandemic and the society emerged healthy and vibrant. He will make huge contributions as Executive Director.

THOMAS SCALEA, MD
EXECUTIVE DIRECTOR - PTS