

November 19, 2022 – 10:00AM-11:00AM EST

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Meeting ID: 555 633 8538

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4th Annual PACO Meeting

Virtual Video Conference

Brief Biographies

Alfonso Tafur, MD, MD MSc RPVI FSVM FIUA FACC

Dr. Tafur is a Director of Vascular Medicine at the NorthShore University Health Systems, a Clinical Assistant Professor University of Chicago, and a Lead Organizer for the Pulmonary Embolism Response Team at the NorthShore University Health Systems. Dr. Tafur is a member of the Editorial Board of the Journal of Thrombosis Haemostasis, and Vice President-North American Chapter International Union of Angiology. Dr. Tafur is a member of numerous Scientific Societies, and an author of several publications in peer-review journals.

Joseph Caprini, MD

Dr. Caprini is a Senior Clinician Educator at the Pritzker School of Medicine at the University of Chicago, and an Emeritus physician at NorthShore University Health System in Evanston, Illinois with over 56 years of experience in the medical field. He graduated from Hahnemann University Medical School in Philadelphia in 1965. In addition to being a member of the medical facilities such as Evanston Hospital and Glenbrook Hospital, he is a part of many medical societies including the European Venous Forum where he is a founding member, and the American Venous Forum, where he served as President from 2009-2010. Dr. Caprini has authored and co-authored over 449 articles in international peer-reviewed journals, and abstracts, etc. He has delivered over 1,744 lectures worldwide on a variety of topics. He was also a part of the creation of several videos and movies such as "Repair of Giant Epigastric Hernia". Dr. Caprini is the author of the Deep Vein Thrombosis (DVT) Risk Assessment which is in use in many countries around the world in nearly 5 million patients. Dr. Caprini now works with many GTF students on various levels conducting research, writing research publications, and creating informational videos.

Jawed Fareed, PhD

Dr. Fareed is a Professor of Pathology and Pharmacology, Consultant Hematology Section, Consultant Cardiology Section, Director of Hemostasis and Thrombosis Research Laboratories, Loyola University Medical Center. Dr. Fareed is the Vice President and founding member of the BOD of NATF, a member of numerous Scientific societies, an expert advisor to several organizations, a member of the Editorial Board of several national and international journals. Dr. Fareed has published numerous publications in peer-reviewed national and international journals

ATUL R. LADDU, M. D., Ph. D, F.A.C.C.

Atul Laddu has been trained in research in Pharmacology, Clinical Research, and has worked in various companies such as Abbott, American Critical care, Eli Lilly, Ives Division of American Home Products, and Solvay Pharmaceuticals. He was responsible for the development of several drugs (Acebutolol, Amiodarone, Axid, Esmolol, Lexiscan, ReoPro and a few others). Atul has published about 150 + papers in various peer-reviewed journals, making research presentations at several Clinical Society meetings and was on the editorial Board of the American Heart Journal, the Journal of Clinical Pharmacology and as associate Editor of the International Journal of Clinical Pharmacology and Therapeutics.

In August 2011, Atul founded a small community organization (Global Thrombosis Forum (GTF, www.gtfonline.net, an affiliate of the North American Thrombosis Forum, NATF, www.natfonline.org) to spread the awareness of Thrombosis in the community. In GTF, Atul has been involved in giving guidance to high school students, trained them for public speaking, writing, and negotiated internships at Albany College of Pharmacy and Health Sciences, Brigham and Women's Hospital, Loyola University, PACO Foundation, and University of North Georgia.

AGENDA

4th Annual PACO Event

Saturday, Nov 19, 2022
10:00 am EST

10:00am **Welcome**
EST **Dr. Joseph Caprini**

10:10 **Power Point Presentations- 10 minutes each +2 Q&A**
am EST **Challenges in dentistry patients who are on anticoagulants:** | Sonal Kapuria, Diya Pise,
Harith Dinakaran **Mentor:** Dr. Atul Laddu
VTE in Latin American patients: | Anish Joshi, Krish Punyarthi, Priyanka Kavdikar
Mentor: Dr. Atul Laddu
The Strange Story of Heparin: When a Friend turns into a foe | Arushi Garud, Divya Honavar,
Divyanka Kavdikar, **Mentor:** Dr. Atul Laddu

10.40am **Break – 5 minutes**

10:45am **Closing Remarks**
EST **Dr. Joseph Caprini, Dr. Atul Laddu**

Abstracts

Challenges of Dentistry Patients on Anticoagulants by Diya Pise, Sonal Kapuria, Harith Dhinakaran

Between 2014 and 2019, total anticoagulation claims increased from 23.5 to 30.6 million (+30%), an indication that more and more people need anticoagulation. The number of people who need dental procedures have also risen. People who need dental procedures and are on anticoagulants need special attention. Antithrombotic medications including anticoagulants such as warfarin, antiplatelet agents like aspirin, and Direct Oral AntiCoagulant agents (DOAC's) such as apixaban and rivaroxaban are used by millions of dental patients to prevent various thrombotic complications including stroke or heart attack. Anticoagulants are an extremely important treatment option for those undergoing complicated dental operations and should not be discontinued. The risks of stopping these medical treatments far outweigh the risks of extended bleeding, which can be controlled with simple measures. Physicians are fully responsible for finding out specific information about the patient's history with bleeding and anticoagulants.

VTE in Latin American Patients by Anish Joshi, Krish punyarthi, Priyanka Kavdikar

Venous-Thrombo-Embolism (VTE) is a frequent condition with around 10 million cases annually worldwide. VTE displays in the form of either Deep Vein Thrombosis (DVT), or Pulmonary Embolism (PE). Blood clots from DVT could break off and create PE or stroke. VTE is a significant health problem in Latin American countries, complicated by various region-specific issues. In some regions, awareness of diagnostic criteria for VTE are low. Many patients do not receive appropriate anticoagulation even after being diagnosed with VTE/PE. Challenges in the management of VTE in Latin America include low awareness, high cost of medications, and poverty. Clear guidance to facilitate the diagnosis of VTE and provide appropriate anticoagulation for patients once diagnosed offer significant benefits in the region.

The strange story of Heparin: when a friend turns into a foe by Divyanka Kavdikar, Arushi Garud, and Divya Honavar

This is an interesting story to tell about heparin, which is normally given to patients and is a friend because of heparin's action of preventing and reducing blood clots. In some cases, heparin can cause severe health problems, with a condition called Heparin Induced Thrombotic Thrombocytopenia (HITT). HITT appears in patients who have been given heparin and is an immune reaction by the body. HITT can result in some serious complications including gangrene. Management of HITT involves stopping heparin immediately, and administration of medications.

Global Thrombosis Forum (GTF)

Dr. Atul Laddu's grandson, the late Rajan Laddu, had back surgery in 2011, after which he was diagnosed with two large blood clots in both his lungs (a condition called Pulmonary Embolism, or PE), which can be fatal, if not treated immediately. Luckily, Rajan received prompt medical attention and recovered. During this experience, while talking with his many friends at North American Thrombosis Forum (NATF), Dr. Laddu realized how little did the public know about 2 deadly thrombotic conditions called deep vein thrombosis (DVT) and pulmonary embolism (PE). This is when he decided to work with NATF, an organization that conducts research on and spreads awareness about thrombotic conditions nationwide. Unfortunately, Rajan lost his battle to a 5th attack of PE on October 8, 2020, but his legacy continues through the efforts of GTF, NATF, and the BRIDGE Event.

Global Thrombosis Forum (GTF, www.gtfonline.net) is an affiliate of North American Thrombosis Forum (NATF, www.natfonline.org), a community-based organization. GTF had its first meeting held on December 12, 2012. The mission of GTF is to spread awareness about a deadly condition, Thrombosis, in the community. Dr. Atul Laddu, a retired Cardiologist, envisaged the mission, structure and function of GTF with the help and guidance from Dr. Jawed Fareed, Director of the Hemostasis & Thrombosis Research Laboratories at Loyola University Medical Center, and Vice-President of NATF and Dr. Samuel Goldhaber, Professor of Medicine at Harvard Medical School, and President of NATF.

The primary goal and the mission are to increase the awareness of thrombosis. In addition, GTF works to network with various groups involved in thrombosis, coaches' young volunteers in skills such as communication, presentation, research, and encourages the youth volunteers to organize, plan, and conduct the activities of GTF. Currently, GTF has students from the states of California, Georgia, Missouri, North Carolina, and Pennsylvania.

The forum involves middle school and high school young volunteers and are coached by a team of adult volunteers. In 2020, we recruited students in nursing school, and medical students as Mentor to work with our young students. Together, they reach to the masses, and educate them about various aspects of the condition of thrombosis.

GTF has now reached out to several thousands of citizens through its various projects on thrombosis. In 2013, the Governor of Georgia, Nathan Deal, signed a proclamation for GTF and September as Thrombosis Awareness month in the State of Georgia. To date, in just a period of nine years, GTF has received proclamations for thrombosis awareness, including by the Georgia State Senate, several cities and counties, not only in the State of Georgia, but also in the state of California, Missouri and North Carolina.

There are basically seven different major categories of GTF activities, namely booths, posters, presentations, interviews, research and publications, internships, and Thrombosis Club, all planned, organized, and managed by the young volunteers with guidance from the members of the GTF Working Group, Board of Directors, and some physicians.

Dr. Jawed Fareed, Director of the Hemostasis & Thrombosis Research Laboratories at Loyola University Medical Center, honored the excellent research work by the GTF interns by proclaiming an annual High School Scholar's Day at Loyola.

Biographies

DIYA PISE



I am **Diya Pise**, an 11th grader at South Forsyth High School, Cumming, GA. I have been a member of GTF since Dec 2020. My most favorite hobby is an Indian classical dance style which I have been practicing since I was 5 years old. I would like to work in pediatrics because I can impact families and children positively and change their lives.

Sonal Kapuria



I am **Sonal Kapuria**, an 11th grader at Greenbrier High School, Augusta, GA. I have been a member of GTF since 2022. I enjoy public speaking in the Toastmasters International Gavel Club because I can learn new skills and become more confident while giving speeches. I also like playing percussion instruments in my school's wind ensemble class because it is a fun way to express myself and work with others. I hope to become a physician in the future because I currently enjoy learning about different biological processes in my science classes and I feel that I would work well in the medical field.

Harith Dhinakaran



I am **Harith Dinakaran**, a 10th grader at South Forsyth High School, Cumming, GA. I have been a member of GTF for a little over 1 year. My hobbies include basketball and listening to music. I am interested in pursuing a career in the medical field.

**Priyanka
Kavdikar**



I am **Priyanka Kavdikar**, a 10th grader at Johns Creek High School, GA. I have been a member of GTF for almost 2 years. I am interested in pursuing a career in medicine as I have always been passionate about biology and helping others. Some of my hobbies include playing the piano and learning dance which allows me to be creative and work with others with the same interests.

Divya Honavar



I am **Divya Honavar**, a junior at Cambridge High School, Alpharetta GA. I have been a member of GTF since 2019. I aspire to become a pediatrician because of my love for the field of medicine and interest in child development. I love to read, dance, and spend time with friends and family.

**Arushi
Garud**



I am **Arushi Garud**, a 9th grader at Leigh High School, San Jose, CA. I have been a member of GTF since 2021. My hobbies are reading, martial arts, and dance. I have also been accepted and part of the leadership classes in both my middle and high school. My career interests are in the medical field, specifically a surgeon of either the heart or the brain because medicine is something that I would really like to learn about and practice to help people

**Divyanka
Kavdikar**



I am **Divyanka Kavdikar**, a 9th grader at Johns Creek High School, GA. I have been a member of GTF since 2021. I love to write music because it helps you learn a lot about music in general and makes playing music more fun. I also love to read. I am interested in being a cytologist because I am fascinated by cells, and I am interested in Biology.

**Anish Kedar
Joshi**



I am **Anish Kedar Joshi**, a 9th grader at Foothill High School, Pleasanton, CA. I have been a GTF member since 2021. My hobbies are Hiking, I love nature and getting to see magnificent views of the world. I want to go to the medical field as I have a deep interest in Life sciences and love to help others.

**Krish
Punyarathi**



I am **Krish Punyarathi**, I am a 10th grader at Alliance Academy for Innovation, GA. I have been a GTF member since Jan 2022. Some of my hobbies include practicing and teaching at my Tae-Kwon-Do dojo. My career interest is in the medical field, primarily in the intersection of biology and computer science because ever since I took my first biology class in my freshman year I was always so intrigued about the subject.