



# OPEN MEDICAL INSTITUTE

## SEMINAR REPORT

### BONE AND JOINT SURGERY

February 27 – March 5, 2022

A Global Educational Initiative by the  
American Austrian Foundation

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# SALZBURG HSS SEMINAR IN BONE AND JOINT SURGERY

February 27 – March 5, 2022

|                                                                 |
|-----------------------------------------------------------------|
| 32 fellows from 20 different countries                          |
| 7 faculty members from the United States of America and Austria |
| 21 lectures given by faculty                                    |
| 1 Foot and Ankle, and Sports Medicine workshop                  |
| 32 interesting case presentations by fellows                    |
| 6 excellent case presentations by fellows                       |

Group Photo of Faculty and Fellows



|       |       | Sunday<br>27.02.2022                                             | Monday<br>28.02.2022                                                                               | Tuesday<br>01.03.2022                                                                                                                                                                                                   | Wednesday<br>02.03.2022                              | Thursday<br>03.03.2022                                                                                                 | Friday<br>04.03.2022                                                                             | Saturday<br>05.03.2022 |  |
|-------|-------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------|--|
| 07:00 | 08:00 |                                                                  | <b>BREAKFAST</b>                                                                                   | <b>BREAKFAST</b>                                                                                                                                                                                                        | <b>BREAKFAST</b>                                     | <b>BREAKFAST</b>                                                                                                       | <b>BREAKFAST</b>                                                                                 | <b>DEPARTURES</b>      |  |
| 08:00 | 09:00 |                                                                  | <b>Introductions<br/>Pre-Seminar Test</b>                                                          | <b>Periprosthetic Fractures and<br/>Fractures about the Knee</b><br><br>William M. Ricci, MD                                                                                                                            | <b>Revision THR</b><br><br>Reinhard Windhager, MD    | <b>Management of Hallux<br/>Rigidus</b><br><br>Scott J. Ellis, MD                                                      | <b>ACL Reconstruction</b><br><br>Anne M. Kelly, MD                                               |                        |  |
| 09:00 | 10:00 |                                                                  | <b>Primary THR</b><br><br>Mathias Bostrom, MD, FACS                                                | <b>Fractures about the Shoulder:<br/>Clavicle, Proximal Humerus,<br/>and Scapula</b><br><br>William M. Ricci, MD                                                                                                        | <b>Revision THR</b><br><br>Reinhard Windhager, MD    | <b>Management of Hallux<br/>Valgus</b><br><br>Scott J. Ellis, MD                                                       | <b>Meniscus Injury and Repair</b><br><br>Anne M. Kelly, MD                                       |                        |  |
| 10:00 | 10:30 |                                                                  | <b>COFFEE BREAK</b>                                                                                | <b>COFFEE BREAK</b>                                                                                                                                                                                                     | <b>COFFEE BREAK</b>                                  | <b>COFFEE BREAK</b>                                                                                                    | <b>COFFEE BREAK</b>                                                                              |                        |  |
| 10:30 | 11:30 |                                                                  | <b>Primary TKR</b><br><br>Mathias Bostrom, MD, FACS                                                | <b>Approaches to Better<br/>Understand Arthroplasty<br/>Complications – From Bench<br/>to Bed</b><br><br>Kevin Staats, MD<br><br><b>The Effect of Vaping on<br/>Osseointegration in Mice</b><br><br>Géraldine Sturz, MD | <b>Revision TKR</b><br><br>Mathias Bostrom, MD, FACS | <b>Rotator Repair</b><br><br>Anne M. Kelly, MD                                                                         | <b>Management of the<br/>Progressive Collapsing Foot<br/>Deformity</b><br><br>Scott J. Ellis, MD |                        |  |
| 11:30 | 12:30 |                                                                  | <b>Winning the Race to Fracture<br/>Healing</b><br><br>William M. Ricci, MD                        | <b>Periprosthetic Joint Infections</b><br><br>Mathias Bostrom, MD, FACS                                                                                                                                                 | <b>Revision TKR</b><br><br>Mathias Bostrom, MD, FACS | <b>Upper Extremity Tendon<br/>Injury and Repair</b><br><br>Anne M. Kelly, MD                                           | <b>Management of End Stage<br/>Ankle Arthritis</b><br><br>Scott J. Ellis, MD                     |                        |  |
| 12:30 | 14:00 |                                                                  | <b>LUNCH</b>                                                                                       | <b>LUNCH</b>                                                                                                                                                                                                            | <b>LUNCH</b>                                         | <b>LUNCH</b>                                                                                                           | <b>LUNCH</b>                                                                                     |                        |  |
| 14:00 | 15:00 |                                                                  | <b>Ankle Fractures: Simple<br/>Injuries with Complex<br/>Solutions</b><br><br>William M. Ricci, MD | <b>Workshop<br/>Fellows' Case Presentations</b>                                                                                                                                                                         | <b>Free Afternoon</b>                                | <u>14:00 - 16:00</u><br><b>Workshop<br/>Fellows' Case Presentations</b><br><br>Scott J. Ellis, MD<br>Anne M. Kelly, MD | <b>Post-Seminar Test<br/>Evaluation &amp; Discussion</b>                                         |                        |  |
| 15:00 | 16:00 | <b>Workshop<br/>How to Present a Case</b>                        |                                                                                                    |                                                                                                                                                                                                                         |                                                      |                                                                                                                        |                                                                                                  |                        |  |
| 16:00 | 17:00 | <b>Workshop<br/>Case Presentations<br/>by Faculty to Fellows</b> |                                                                                                    |                                                                                                                                                                                                                         |                                                      |                                                                                                                        |                                                                                                  |                        |  |
| 17:00 | 18:00 | <u>17:00 - 17:15</u><br><b>OMI Presentation</b>                  |                                                                                                    |                                                                                                                                                                                                                         |                                                      |                                                                                                                        |                                                                                                  |                        |  |
| 18:00 | 19:00 | <b>FACULTY MEETING TO<br/>REVIEW THE WEEK</b>                    |                                                                                                    |                                                                                                                                                                                                                         |                                                      |                                                                                                                        | <b>FAREWELL RECEPTION</b>                                                                        |                        |  |
| 19:00 | 20:00 | <b>WELCOME RECEPTION &amp;<br/>DINNER</b>                        | <b>DINNER</b>                                                                                      | <b>DINNER</b>                                                                                                                                                                                                           | <b>DINNER</b>                                        | <b>DINNER</b>                                                                                                          | <b>GRADUATION DINNER<br/>Certificates Awarded</b>                                                |                        |  |
| 20:00 | 21:00 |                                                                  |                                                                                                    |                                                                                                                                                                                                                         |                                                      | <u>20:30 - 21:30</u><br><b>CHAMBER MUSIC CONCERT</b>                                                                   |                                                                                                  |                        |  |



# OPEN MEDICAL INSTITUTE

## FACULTY BOOKLET

### BONE AND JOINT SURGERY SEMINAR IN SALZBURG

February 27 – March 5, 2022

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## **Wolfgang Aulitzky, MD**

CEO, Open Medical Institute  
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Associate Dean and Gerhard Andlinger Professor  
for International Medicine & Distance Learning  
Adjunct Professor of Clinical Urology  
Adjunct Professor of Clinical Reproductive Medicine  
**Weill Medical College of Cornell University**

Adjunct Professor of Pediatrics  
**Perelman School of Medicine at the Children's Hospital  
of Philadelphia**

Associate Professor of Urology  
**Medical University of Innsbruck, Austria**

**Wolfgang Aulitzky, MD** is the Medical Director of the American Austrian Foundation. He is Associate Dean for International Medicine and Distance Learning, Adjunct Prof. of Clinical Urology and Adjunct Prof. of Clinical Reproductive Medicine at the Weill Medical College of Cornell University/New York Presbyterian Hospital. In 2016, he was appointed Adjunct Professor of Pediatrics in the Associated Faculty of the Perelman School of Medicine at the Children's Hospital of Philadelphia. He is also Associate Prof. of Urology at the Medical University of Innsbruck and Visiting Professor at the Medical University of Vienna. Amongst others he is a member of the American, German and Austrian Societies of Urology and was awarded the Zuckerkandlpreis of the Austrian Society of Urology in 1989. In 1995 he received the Silver Medal, in 2007 the Golden Medal for Merits to the Republic of Austria and in 2014 the cross of honor of the Land Salzburg. As Director of the Medical Program of the American Austrian Foundation he has initiated the Open Medical Institute, a scientific and educational collaboration of Weill Cornell and the New York Presbyterian Hospital, the Children Hospital of Philadelphia, Duke University, Columbia University, the Cleveland Clinic and leading hospitals in Austria. Dr. Aulitzky earned his medical degree at the University of Innsbruck in 1977, was a research associate at the University of Uppsala, Sweden and the Rockefeller University, New York. He received his training as an urologist at the University of Innsbruck and the General Hospital of Salzburg. He is the author of more than 140 publications on Urology, Andrology and Health Care issues and is co-author of books on basic and clinical urology/andrology.



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**Mathias Bostrom, MD, FACS** is currently an attending orthopedic surgeon at the Hospital for Special Surgery in New York, NY and the Eduardo Salvati Professor of Orthopedic Surgery at Weill Medical College of Cornell University. He is also the Chief of the Adult Reconstruction and Joint Replacement Service and the Vice-Chairman of Education and Academic Affairs at the Hospital for Special Surgery. Dr. Bostrom earned his bachelor's degree in Physics from the University of Virginia, and he received his Doctor of Medicine from the Johns Hopkins University School of Medicine. He completed his orthopedic surgery residency and two fellowships at Hospital for Special Surgery/New York Hospital – Cornell Medical Center. One fellowship was in orthopedic surgery on the Hip & Knee Service, and the other fellowship was on the Research Service. Dr. Bostrom's research largely focuses on periprosthetic joint infection, bone healing and implant osseointegration. He has published over 190 peer reviewed articles. In addition to receiving awards for his novel research, his research has been supported by private foundations, the Orthopedic Research and Education Foundation (OREF), and the National Institutes of Health (NIH). Dr. Bostrom is heavily involved in the education and mentoring of medical students, residents, and fellows, and he received the Phillip D. Wilson Jr. Teaching Award from HSS. Nationally, Dr. Bostrom is involved with the ACGME's milestone project. Internationally, he has been involved in extending the HSS academic mission to China by leading symposia at the annual meetings of CAOS and COA for nearly a decade. Since 2000, he has been on the faculty of the American Austrian Foundation's (AAF) Salzburg Weill Cornell/HSS Seminars in Bone & Joint Surgery; he has been a course director since 2004. In December 2016, he was honored by the Republic of Austria with the Austrian Cross of Merit for his dedication to the AAF mission. Dr. Bostrom has been a member of the Orthopedic Research Society (ORS) since 1993 and his past involvement with the ORS includes member and chair of the Mentoring Committee, member of the Nominating Committee, and Member-at-Large of the ORS Board of Directors. He was President of the ORS from 2015-2016. In 2018, he was named as an ORS Fellow. In 2016, the International Combined Orthopedic Research Societies (ICORS) named him as a Fellow of International Orthopedic Research; and in 2013, he was selected to be a Fellow in the American College of Surgeons. Dr. Bostrom is the Treasurer for The Hip Society and is also an active member of the American Academy of Orthopedic Surgeons (AAOS), The Knee Society, the International Hip Society (IHS), American Orthopedic Association (AOA), the Committee of Orthopedic Residency Directors (CORD), and the American Association of Hip and Knee surgeons (AAHKS). He currently serves as the Executive Director of the International Society of Orthopedic Centers (ISOC). For nearly 20 years, he has been an ad hoc and full member of various NIH study sections as well as reviewer for numerous medical journals. He is also a member of the editorial review board for the Journal of Orthopedic Research.



## **Reinhard Windhager, MD (Co-Course Director)**

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**Reinhard Windhager, MD** born on September 13, 1957 in Linz, is an Austrian orthopedic surgeon, who specializes in orthopedic oncology and adult reconstruction. Reinhard Windhager graduated in 1981 at the University of Innsbruck. After training at the General Hospital in Linz and at the University Clinic for Orthopedic Surgery in Vienna he became a medical specialist in orthopedics in 1988. Between 1988 and 1997, Prof. Windhager worked at the University Clinic of Orthopedics in Vienna, the Children's Clinic in Glanzing and the St. Anna Children's Hospital in various orthopedic focal points. In 1995, Reinhard Windhager qualified as professor in orthopedics and orthopedic surgery and in 1997 was appointed full professor of orthopedics and Head of the Department of Orthopedics and Orthopedic Surgery at the Karl-Franzens University in Graz and built this up to the University Clinic of Orthopedic Surgery at the Medical University of Graz in 2001 and was appointed its Head. In 2010, he was appointed Head of the Department of Orthopedic Surgery, Medical University of Vienna. In 2002 and 2003, Reinhard Windhager was President of the Austrian Society for Orthopedics and Orthopedic Surgery (ÖGO) and in 2006 President of the Central European Orthopedic Congress. Besides board memberships in numerous national and international societies Reinhard Windhager served as President of ISOLS (International Society of Limb Salvage) from 2014 – 2015 and 2017 as President of the Austrian Society of Surgery. Since January 2018, he has been appointed chairman of the newly formed Department of Orthopedics and Trauma Surgery at the Medical University of Vienna.



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**Scott J. Ellis, MD** is a fellowship trained, Orthopedic Foot and Ankle Surgeon. He finished medical school at the University of Johns Hopkins in 2002, and Orthopedic Surgery Residency at the Hospital for Special (HSS) Surgery in 2007. He stayed at HSS to complete his Fellowship in 2008 and has been on staff practicing ever since, now as an Associate Professor in Orthopedic Foot and Ankle Surgery. Dr. Ellis served on the faculty at the American Austrian Foundation Orthopedic Course in 2013, 2017 and participated in the Bone and Joint OMIinar in 2021. He previously served as a member at Large on the Board for the American Orthopedic Foot and Ankle Society (AOFAS) and is the immediate past President of the AOFAS Foundation. He has been elected as a member of the American Orthopedic Association (AOA). He also serves as the Director of Orthopedic Foot and Ankle Research at HSS and carries out numerous research projects including studying clinical outcomes of flatfoot and bunion surgeries, total ankles, the use of weight bearing CT and other related topics. He has a particular interest in clinical outcome measures. He teaches both locally, at national conference, and international events.



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**Anne M. Kelly, MD** is an Associate Attending Orthopedic Surgeon at the Hospital for Special Surgery, specializing in shoulder and knee surgery and is an Associate Professor of Clinical Orthopedic Surgery at Weill Cornell Medical College. Dr. Kelly received her undergraduate degree from Harvard College, where she was elected captain of both the Field Hockey and Basketball teams her senior year. She completed her medical degree at the State University of New York at Buffalo, graduating Magna Cum Laude, in 1992. Dr. Kelly completed her internship in general surgery at Yale New Haven Hospital. She completed her residency at George Washington University Hospital in Washington D.C. and was then a Sports Medicine Fellow at the University of Massachusetts Medical Center. Dr. Kelly served as Co-Director of the HSS Orthopedic Residency Program and Chairman of the Orthopedic Residency Curriculum Committee until 2018. Dr. Kelly served as Chairman of the Medical Student Advisory Committee of the Hospital for Special Surgery from 2008-2015. Dr. Kelly's research interests include subscapularis function and repair, biologics and their application, generational grit and its impact on orthopedic education. Dr. Kelly is an Honorary Chief in the New York City Fire Department and has served as an Assistant Team Physician at St. John's University and Assistant Medical Consultant to the New York Racing Association. She was a Consultant for the Boston Red Sox Spring Training from 1997-2005. Dr. Kelly served as an orthopedic consultant at the US Olympic Training Center in 2019.



## **William M. Ricci, MD**

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**William M. Ricci, MD** is Chief of the Orthopedic Trauma Service at Hospital for Special Surgery (HSS), Deputy Chief of Orthopedics and Chief of the Orthopedic Trauma Service at New York–Presbyterian Hospital, and Professor and Vice Chair of Orthopedic Surgery at Weill Cornell Medical College. Dr. Ricci specializes in orthopedic trauma surgery focusing on the treatment of complex fractures and complications of fractures particularly non-union. He obtained his undergraduate degree in Biomedical Engineering and his medical degree from Duke University, in Durham North Carolina. He performed his orthopedic surgery residency at HSS and fellowship in orthopedic trauma at Tampa General Hospital and Florida Orthopedic Institute. Prior to returning to HSS, Dr Ricci was at Washington University School of Medicine in St Louis, Missouri where he served as Professor of Orthopedic Surgery, Chief of the Orthopedic Trauma Service, and Vice-Chair of Orthopedic Surgery. Dr Ricci has held leadership positions in medical societies such as President of the Orthopedic Trauma Association and Board of Directors member of the American Orthopedic Association. He has edited multiple textbooks including Rockwood & Green's textbook of Fractures in Adults, served on the editorial boards of journals such as being Deputy Editor of the Journal of Orthopedic Trauma, and has been an American-British-Canadian Traveling Fellow. Dr Ricci has presented his research nationally and internationally, published over 125 peer reviewed articles, over 25 book chapters and multiple surgical technique videos. He has chaired multiple surgical skills courses and has been an invited lecturer worldwide. Dr Ricci has been recognized by his peers for his clinical care as a Best Orthopedic Traumatologist in the US as well as a Best Orthopedic Traumatologist in North America. He has been a member of Marquis Who's Who in Medicine and a Castle Connolly Top Doctor every year since 2012, a Best Orthopedic Doctor in St Louis 2009-2017, Best Doctor in New York 2019-2021, and has been selected as one of America's Top Physicians by the Consumers' Research Council of America. He has won multiple awards for resident teaching and for original research.



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**Kevin Staats, MD** is an orthopedic surgeon who specializes in adult reconstruction and total hip and knee replacement. Dr. Staats grew up in the south of Austria in the state of Carinthia. He completed his medical degree and started his residency at the Medical University of Vienna. He was able to complete a research fellowship at the Hospital for Special Surgery/Weill Cornell in New York City, where he worked closely with Dr. Mathias Bostrom. Dr. Staats' research interests include total hip and knee replacement, revision arthroplasties and periprosthetic joint infection. His PhD research project which focusses on the development of antimicrobial titanium surfaces by nanotechnology has earned him institutional funding through the Austrian Research Promotion Agency (FFG). His current research deals with implant detection by artificial intelligence and the development of outcome predictors after total joint replacement by machine learning. He is the deputy leader of the Arthroplasty Research Cluster at the Medical University of Vienna and the General Secretary for the term 2022/2023 at the Austrian Orthopedic Society. He lives in Vienna with his partner Valerie Weihs.



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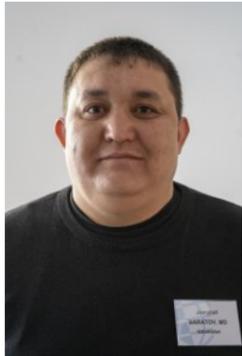
**Géraldine Sturz, MD** is a resident in orthopedics and traumatology. She graduated from the Medical University of Vienna in 2017 and is currently in her fifth year of residency. She participated in a research fellowship at Dr. Bostrom's Lab at Hospital for Special Surgery in New York in 2021. Her research focus was the effect of vaping on osseointegration in mice. Furthermore, she is currently acquiring a master's degree in sports medicine.

## Fellow Booklet

# Bone and Joint Surgery



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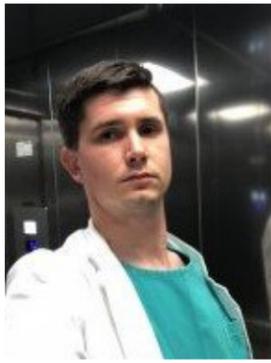
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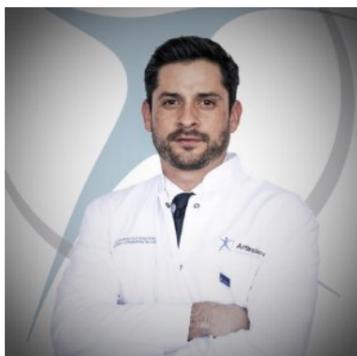
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## DIARY



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### **Sunday, February 27, 2022**

Today is the day I came to Salzburg to be part of the OMI Bone and Joint Surgery seminar 2022. Taking the train was the easiest way for me to travel. It was an even better experience to walk from the train station to Schloss Arenberg, because of the beauty of the city center. The day ended with the welcome reception and dinner, which was very nice and I enjoyed it.

### **Monday, February 28, 2022**

It is the first day of lectures. From the beginning, it was very intense. I gained a lot of new information from the lectures of Dr. Bostrom and Dr. Ricci. The hip arthroplasty lecture was especially useful for me because we actually want to start using this innovation in my hospital, especially new approaches to the hip.

### **Tuesday, March 1, 2022**

From the beginning of the day, I was a little bit nervous because of fellows' case presentations. I have never presented in English before, so my nerves were worse than usual. However, I prepared as much as possible. Before lunch, we received several trauma presentations from Dr. Ricci, which were again very interesting. After lunch, I was one of the first to present my

case, which I liked, and I think I did well. A lot of interesting cases were presented with great results.

**Wednesday, March 2, 2022**

Pretty intense topics were ahead of us today, and as it is the middle of the week, it was not easy for many of us. We were taught about joint replacements, and then had a free afternoon. I was not lazy, I went for a walk to the city to see how beautiful it is.

**Thursday, March 4, 2022**

Due to a much-needed break the day before, we were ready for new lectures. The schedule included foot and ankle topics with arthroscopy of a shoulder. In the afternoon, we saw the rest of the fellows' case presentations and then participated in a very interesting hands-on workshop. I liked it so much because my field of interest is arthroscopy. At the end of the day, we had also a chamber music concert at the Schloss.

**Friday, March 5, 2022**

The last day started a little bit different than others, as we had the option to participate in the hands-on workshop again. After that, we had great lectures about knee arthroscopy and foot and ankle problems. The last thing awaiting us in the evening is the graduation dinner. It was a great and intense week with a lot of new information about orthopedics. I am very happy that I had the opportunity to be here and gain so much experience as well as new friends. I hope I will continue with the OMI system of learning and will come back to Salzburg someday.

## DIARY



**Fabiola Oropeza Bonfanti, MD**  
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### **Saturday, February 26, 2022**

I arrived to Salzburg by train in the late afternoon after a long journey. First, I took a plane from Mexico City (where I live) to Frankfurt, Germany. Then from Frankfurt to Vienna, Austria, where I took a train to Salzburg. It was a 17-hour trip. When I arrived to Salzburg, it was snowing, which I had never seen before, so I was amazed and really happy about this, so happy that I didn't even feel the cold temperature seeping into my bones. Seeing the snowfall was exciting, but the cold weather was relentless. I met two other guys from Mexico City in the train station, Ruben and Mauricio (two excellent individuals who are orthopedic surgeons), and we took a taxi together to Schloss Arenberg. After checking in, leaving our luggage, and a quick shower, we went out to see the city at night. We had some drinks at a bar, but we were really surprised that everything closed by midnight, except for one food cart. Obviously, we bought ourselves two big hot dogs there and made our way back to Schloss Arenberg.

### **Sunday, February 27, 2022**

I woke up early to have breakfast with my new pals. Then, we went to visit Salzburg and all its wonders (according to google of course). First, we went to the Hohensalzburg Festung, it's an ancient castle with the best views of the city. There I learned that Salzburg is named after the nearby salt mines and the Salzach river. Additionally, we tasted a really famous dessert from Salzburg called Salzburger Nockerl (which looked amazing in the pictures we took, but disappointed us in the taste). Afterwards, we walked around town, entered the Cathedral,

DomQuartier, and saw Mozartplatz. We were really astonished about the fact that many places were closed on Sundays. We ate some pizza at a small restaurant and then headed back to Schloss Arenberg for the welcome reception at 7 PM. We met the faculty members and had a delicious dinner together, which gave us the opportunity to get to know each other. I had the honor to meet great guys such as Konstantine from Georgia, Tudor from Romania, Tomas from Slovakia, Boyan from Bulgaria, Tomislav from Croatia, Yuri from Armenia, and more. It really felt amazing to realize I was a part of this incredible and huge experience involving so many countries and talented specialists.

**Monday, February 28, 2022**

After a shower and a brief breakfast, we were ready to start the seminar at 8 o'clock. Dr. Bostrom welcomed us to the seminar again and we took the pre-seminar test, which was not an easy one. Nevertheless, it helped me to become more eager to learn all that I could from the lectures ahead. The first lecture was given by Dr. Mathias Bostrom from New York, and it was about primary total hip replacement. First of all, it was incredible to hear such an easy explanation about such a complicated subject. From that moment on it was clear to me that this was going to be a seminar with the most relevant subjects in our field given by the most accomplished surgeons in each area. All I could feel was a strong hunger for more information, I was in complete awe. Next, we had the topic of primary knee replacement given by Dr. Bostrom. What I liked the most about his lecture was the large number of examples he shared with us, which allowed a lot of interaction between the faculty and the participants. Subsequently, Dr. William M. Ricci from New York gave two lectures about fracture healing and ankle fractures management. He seems to be very experienced in his field! Between lectures, we had an excellent meal accompanied by friends. We ended this amazing day with two sessions of case presentations by the faculty which was an interactive dynamic which helped me to learn about things done around the world by my colleagues. After dinner I went to bed early.

**Tuesday, March 1, 2022**

The first lecture in the morning was on fractures about the shoulder, followed by periprosthetic fractures and fractures about the knee, both given by Dr. William M. Ricci. This was very interesting and useful for me due to the high number of trauma patients I receive daily at the general hospital I work at in Mexico City. It's amazing to see how basic medical principles are used everywhere no matter the language, skin color, gender, or nationality, and through them we can communicate and understand each other. We are here, together, with a single purpose: to learn how to be better specialists in order to be able to help more people get the treatment they deserve, all around the world. After the coffee break, Dr. Kevin Staats and Dr. Géraldine Sturz gave us two extremely interesting talks about groundbreaking studies that they were part of. I was deeply impressed, and I realized the importance of new diagnostic and treatment technologies. Next, we had a lecture given by Dr. Bostrom about periprosthetic joint infections, which is a subject concerning a big number of patients all around the world and, unfortunately, with catastrophic consequences. I was able to interact with Dr. Bostrom at the end of his talk and get his insight about a challenging patient in my hometown hospital. He was really friendly and was more than willing to give me his point of view on the matter. After lunch, the fellows started their case presentations. My presentation was the 10th one. I felt confident about it because of the great atmosphere generated by the faculty members and my colleagues. We saw that everyone must see and solve very complex cases in daily life. After dinner, my new friends and I wandered into the historical city center and we went to a little restaurant where

we were gladly surprised by a traditional celebration that takes place every year for the beginning of Lent (the 40 days before Easter). Again, everything was closed by 12 pm, so we had to go back early.

**Wednesday, March 2, 2022**

I was really excited this morning because it was arthroplasty day (which I am very fond of). The lecture began at 8:00 AM with the astounding leadership of Dr. Reinhard Windhager from Vienna. He shared with us the subject of revision THR in a very didactic way, with many cases of real patients that he has seen in his medical practice, which allowed us to participate in a very interactive manner. We had a coffee break, and later we had again the pleasure of listening to Dr. Bostrom talk about revision TKR. It was a whole new world for me to see so many excellent cases exposed, because these two themes are complex and not frequent, yet both faculty members exposed them with the finesse of real experts. I couldn't be more pleased. Today we also had a free afternoon after lunch, so we had the opportunity to go visit Mozart's house and Mirabell Palace. We also did some shopping and drank a coffee in a small cafe near the cathedral. After all, it was an excellent day with excellent people.

**Thursday, March 3, 2022**

We started again at 8 o'clock in the morning. First, we had two excellent lectures with Dr. Scott J. Ellis from New York City about the management of Hallux Rigidus and Hallux Valgus, which is a common pathology in my city, so it was really gratifying to be able to discuss face to face with such a renowned doctor in the subject. After the coffee break, we had a remarkable lecture about rotator repair and upper extremity tendon injury and repair with the amazing Dr. Anne M. Kelly from New York. It was an honor to be able to hear from her, a woman who is so experienced and accomplished in her field, and to realize how we are gaining a lot of ground in the field of orthopedics, which used to be a predominantly male field. We had a quick lunch and later listened to our colleagues' case presentations. We shared our thoughts and learned a lot from their experiences. I realized I was not only among great professionals, but also great human beings. Afterwards, Dr. Kelly and Dr. Ellis gave us the opportunity to have a hands-on training in shoulder and knee arthroscopy. With the help of Dr. Kelly, I was able to learn about new materials and ways to treat the main pathologies of these articulations. I learned her favorite arthroscopic knot: the western knot. After dinner, I experienced a chamber music concert in the main hall with three really accomplished musicians (two French and one Russian/American). They played three pieces of Mozart, Debussy, and Piazzolla. It was really moving for me because I love classical music; it reminds me a lot of my dad. To finish the day, we went for some drinks at an Irish pub in the city and ate some food cart sausages for dinner.

**Friday, March 4, 2022**

We started the day with a workshop at 8 AM and were able to practice our knots alongside Dr. Kelly. She's an excellent teacher and this knowledge will allow me to do my arthroscopic repairs in less time, which is always useful in surgery to diminish infection rates. After, we heard two excellent lectures from Dr. Kelly about ACL reconstruction and meniscus injury and repair. We had a coffee break and then had two very complete presentations about management of the progressive collapsing foot deformity and management of end stage ankle arthritis given by Dr. Ellis. Many subjects were new for me, while many others I already knew.

This was one of the best experiences of my life. I feel so satisfied that I could meet and exchange ideas with people from different countries with such different backgrounds. I gained new friends, professional connections, knowledge, and was able to imagine a better future for each one of us. Even when things are crazy in the world, there are still people like the ones organizing and attending this seminar who are interested in sharing their knowledge and giving their best to be able to help many people. It was really an amazing experience. I want to express my gratitude to everyone who made this seminar possible, the OMI and AMSA, which helped me grow as a doctor. I will definitely suggest this experience to my colleagues and be sure to share, as best as I can, everything that I learned this week. Thank you very much and I hope this won't be the last time we meet.

## DIARY



**Tudor Pinteala, MD**  
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Department of Surgery  
Romania

### **Saturday, February 26, 2022**

Since I am not the biggest fan of airplanes, I decided to travel by train to Schloss Arenberg. I arrived late in the evening and was tired. However, the staff were extremely wonderful and understanding.

### **Sunday, February 27, 2022**

The staff were so nice and had breakfast prepared, even though this was supposed to be the day that we arrive. I spent most of the day exploring Salzburg and added some finishing touches to my case presentation. At 7:00 PM, we had our first meeting. The seminar faculty introduced themselves, and I must admit, I was delighted. The faculty members included: Dr. Bostrom (director of the course), Dr. Ricci, Dr. Ellis, and Dr. Kelly from the Hospital of Special Surgery, New York, USA, which is considered to be the best orthopedic and trauma hospital in the entire world (I follow HSS on social media and have always been amazed by some of the cases they share). It got even better when Dr. Bostrom announced that we will also have lectures by Dr. Windhager from Vienna. After the main issues about the practical & scientific organization of the seminar were discussed, we had a delicious dinner which gave us the opportunity to get to know each other and make new friends. I was quite amazed at how 'international' this seminar really is, having fellows from four different continents and countries that spread from Mexico to Uzbekistan.

**Monday, February 28, 2022**

At 8:00 AM, Dr. Bostrom welcomed us once again to the seminar and we took the pre-seminar test. I thought that some questions were hard and doubted some of my answers, however, this motivated me even more to pay attention to our lectures. The first two lectures were by Dr. Bostrom on primary THA and TKA, which was an incredible opportunity to ask several questions about how one of the most experienced hip and knee surgeons in the world approaches and thinks about this topic. The next two lectures were by Dr. Ricci on 'Winning the Race to Fracture Healing' and 'Ankle Fractures', and I must admit that I learned a lot about these subjects which I thought I had a decent understanding of, yet I definitely took some tips and tricks that I will be using in my practice (make sure to always take an XRAY of the uninjured ankle in order to have a reference point for comparison to the side you are fixing). The rest of the day were case presentations by the faculty members, which provided an excellent opportunity to discuss several trauma and hip and knee topics. In the afternoon, Ms. Stephanie Faschang gave us a lot of information about the OMI, its goals, and all the possibilities that this organization can give to young doctors who would like to advance their knowledge. She mentioned Dr. Staats and Dr. Sturz (both of whom gave talks later in the week), two former OMI participants, who met the great faculty members of this week's seminar and now have the opportunity to join Dr. Bostrom in New York at HSS for observerships. After a nice dinner together with some of my new friends, we explored Salzburg.

**Tuesday, March 1, 2022**

The first two lectures were held by Dr. Ricci on 'Fractures about the Shoulder: Clavicle, Proximal Humerus and Scapula' and 'Periprosthetic Fractures'. Once again, the quality of the lectures was amazing, extremely interactive, and theoretical knowledge was further enhanced by some cases that were treated by the fantastic Dr. Ricci. Since these pathologies will be more and more frequent, I feel like I gained a great deal of knowledge that will help me deal with these not so straight forward cases and concepts, such as double plating and plate and nail constructs, were excellently described. After a coffee break, Dr. Brostrom gave an excellent talk on 'Periprosthetic Joint Infections', which is of extreme importance for every aspiring arthroplasty surgeon. I will implement some of the pre-op/intra-op and post-op protocols presented and I will pay more attention to the patient BMI, comorbidities, and will follow his protocol for treating PJs (hopefully I won't have many in my career). The afternoon consisted of fellows' case presentations, where a friendly atmosphere was created, and it was fascinating for me to see how each country treats pathologies. The day was over before we knew it, and with everyone more relaxed, we went for a drink in the city center.

**Wednesday, March 2, 2022**

Two seminar lectures were given on revision arthroplasty, the 'hip' session was held by Dr. Windhager and the 'knee' session was held by Dr. Bostrom. Although at some points I was admittedly fascinated by the complexity of these interventions, the lecturers did a great job in simplifying these very difficult cases and motivated me greatly into furthering my knowledge in this field. After a very intense morning session, the rest of the day was free, so I went to visit the Salzburg castle, admiring the panorama of this wonderful city and the beautiful mountains surrounding it.

**Thursday, March 3, 2022**

Foot and Ankle, and Sports Medicine are two of my biggest interests in orthopedics, so I was eager for these topics. Dr. Ellis lectured on the 'Management of Hallux Rigidus and Hallux Valgus', and Dr. Ellis gave lectures on 'Rotator Repair' and 'Upper Extremity Tendon Injury Repair'. The day got even better after lunch as we had a Foot and Ankle, and Sports Medicine Workshop where I learned a great deal of practical tips and tricks that I will definitely incorporate into my practice. For example, the Haglund deformity surgical technique taught by Dr. Ellis and the Weston Knot taught by Dr. Kelly. The day ended with more fellows' case presentations. After dinner, we all enjoyed a great classical music concert which was live here in the Schloss.

**Friday, March 4, 2022**

The day began with another workshop held by Dr. Kelly, after which she gave talks on 'ACL Reconstruction' and 'Meniscus Injury and Repair'. The day ended with two talks by Dr. Ellis on 'Management of the Collapsing Foot Deformity' and 'Management of End Stage Ankle Arthritis' – two of my favourite talks. To summarize, I have participated in several national and international congresses, courses, talks, etc., and I can honestly say that the Bone and Joint Seminar has been one of, if not the, best seminars I have ever attended and I am eager to return here again someday (hopefully!).