IBRA International Bone Research Association

IBRA Scholarship Report

Host Center: University Hospital of Giessen and Marburg (UKGM)

Host Director: Univ.-Prof. Dr. Dr. med. Andreas Neff

Fellow: Guilherme dos Santos Trento DDS, PhD, OMFS

Home: Department of Oral and Maxillofacial Surgery of the Cleft Lip and Palate Integral Care Center (CAIF), Curitiba/PR, Brazil

This document must begin with a kind and special thank you, both to IBRA Scholarship Committee and to Prof. Dr. Dr. Andreas Neff for all their support. The experience promoted by them during this Fellowship was amazing. My thanks also to the entire staff of the Universitätsklinikum Marburg – the administrative section, the operative theater's staff, and the entire Oral and Maxillofacial Department staff. Thank you very much for giving me this unique experience!

I am also grateful to Professor Mario Gabrielli and Professor Valfrido Antonio Pereira Filho (from the Diagnosis and Surgery Department – UNESP – Araraquara, Brasil) who advised me about the possibility to learn from Professor Neff in Marburg and who have written the recommendation letter to IBRA for me.

This report is intended to provide information and details about my IBRA Fellowship at Universitätsklinikum Marburg in Germany, that I participated in the Summer of 2022 (June till September).

The Department of Oral, Maxillofacial, Facial Plastic Surgery and Implantology (Klinik und Poliklinik für Mund-, Kiefer- und plastische Gesichtschirurgie, Oralchirurgie und Implantologie) of the University Hospital of Giessen and Marburg (UKGM) is in Marburg which is considered a typical university city. Marburg is located in the state of Hessen along the Lahn River and surrounded by beautiful mountains.

At the first day I was welcomed by Professor Neff who told me the history of the Hospital and University, showed me the Hospital facilities, and explained me how the week schedule works. During this Fellowship I could take part of various surgical procedures, meetings and case discussions, as well as pre- and post-operative follow-up at the ambulance.

The day begins at 7.30 with a meeting with all the team and the presentation is usually lead by the doctor who was on duty on the last 24 hours. The patients' cases are discussed and planned. After the meeting, the inpatient round take place and, usually, the operative theater is being prepared for the first surgery under general anesthesia of the day. The number of surgeries under general anesthesia per day depends on different reasons, but usually it ranges from 2 to 3. At the same time, some surgical procedures under local anesthesia are being performed. The outpatient is also active admitting pre- and postoperative patients.

During my stay in Marburg, I was able to see more than one hundred procedures under general anesthesia. There were several surgical procedures that I was able to follow, ranging from orthognathic, oncological, osteonecrosis of the jaws, cleft lip and palate, traumatology, pathology, impacted teeth, oral reconstructions, removal of osteosynthesis material, vascularized and non-vascularized bonegrafts and skingrafts, and implantology. Professor Neff is a worldwide recognized surgeon known most of all by his experience over the treatment of mandibular condyle head fracture through retroauricular approach and his efforts in scientific research in this subject. I had the opportunity to accompany this surgery more than once and Professor Neff always had the concern to explain to me during the procedure every surgical step.

Besides clinical activities, I also had opportunity to participate in promising research projects in cooperation with students from the University. These studies are still in progress and must be finalized and published. One of them is the IBRA Research Contribution and we are aiming a great publication. This was a particular objective of my

stay in Marburg, and I hope to keep contact with Professor Neff for future scientific contributions. I am looking forward to new opportunities to work with Professor Neff and to learn from him!

This is an experience which ideas and knowledge are shared to improve each one and I can state that I got more than I gave, but I will have the chance to pass forward all the knowledge I acquired there. I am very grateful and will always be available for Professor Neff and Universitätsklinikum Marburg. It was a fantastic experience.

Finally, this report is also to show my total availability to IBRA regarding information such as accommodation and living in Marburg and encouraging new fellows to seize the opportunity of an IBRA Fellowship. Thank you very much!

Guilherme dos Santos Trento

IBRA · International Bone Research Association
Hochbergerstrasse 60E · CH-4057 Basel
Phone +41 (0)61 319 05 05 · Fax +41 (0)61 319 05 19
info@ibra.ch · www.ibra.ch