

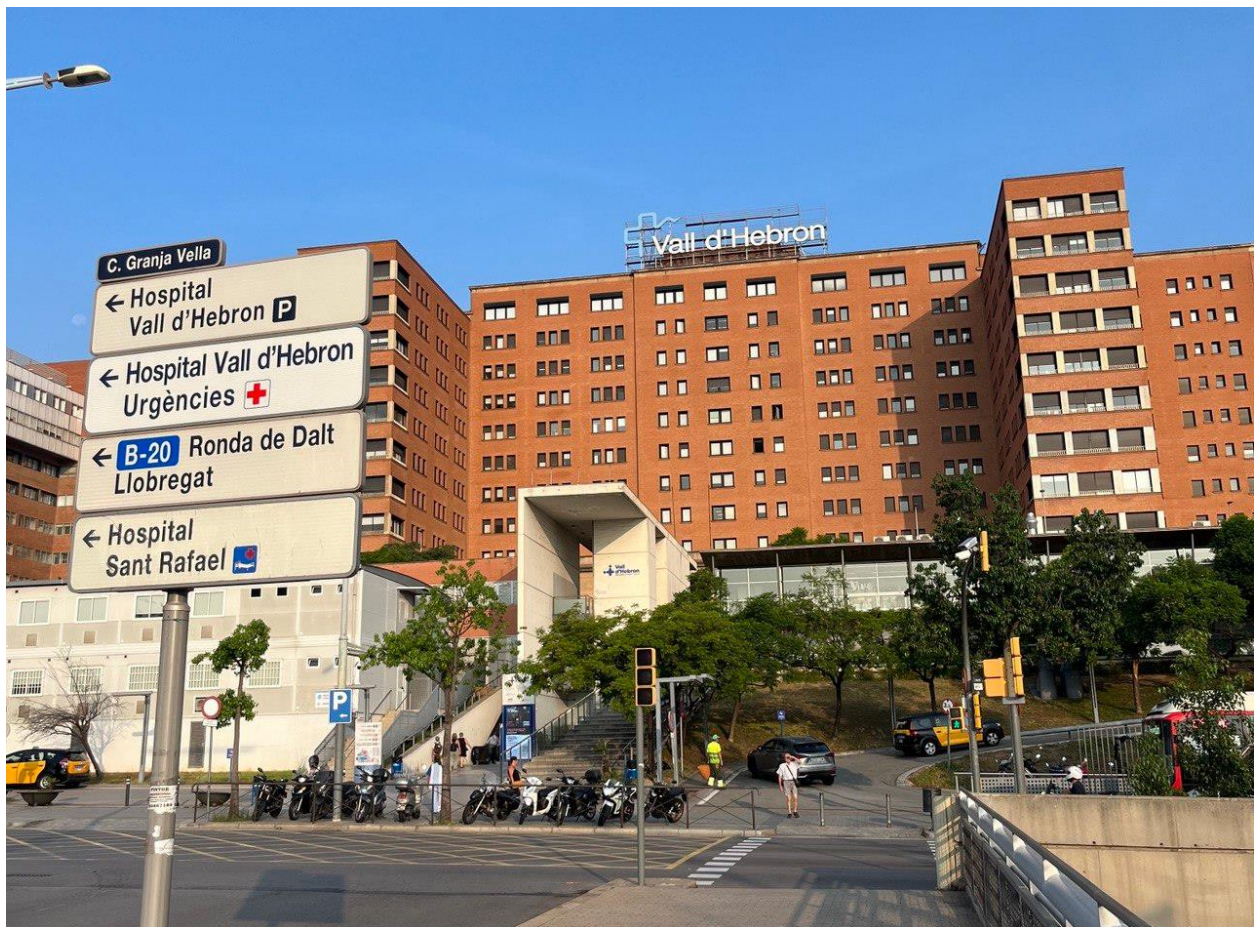
ESO Department to Department Visit Programme

TF4UKR Department-to-Department Visiting Programme

Report Institution: Vall d'Hebron University Hospital, Stroke unit.

Visit dates: 22 August – 02 September 2024.

Within ESO TF4UKR D2D visit program, I had the opportunity to visit Stroke Unit of **Hospital Vall d'Hebron** in Barcelona, at the invitation of PhD Dr.med. Marc Ribo, interventional neurologist.



One of the most striking aspects of my internship was observing the meticulous patient selection process for thrombolytic therapy and mechanical thrombectomy. The hospital is highly specialized in performing mechanical thrombectomy and is at the forefront of stroke treatment and research.

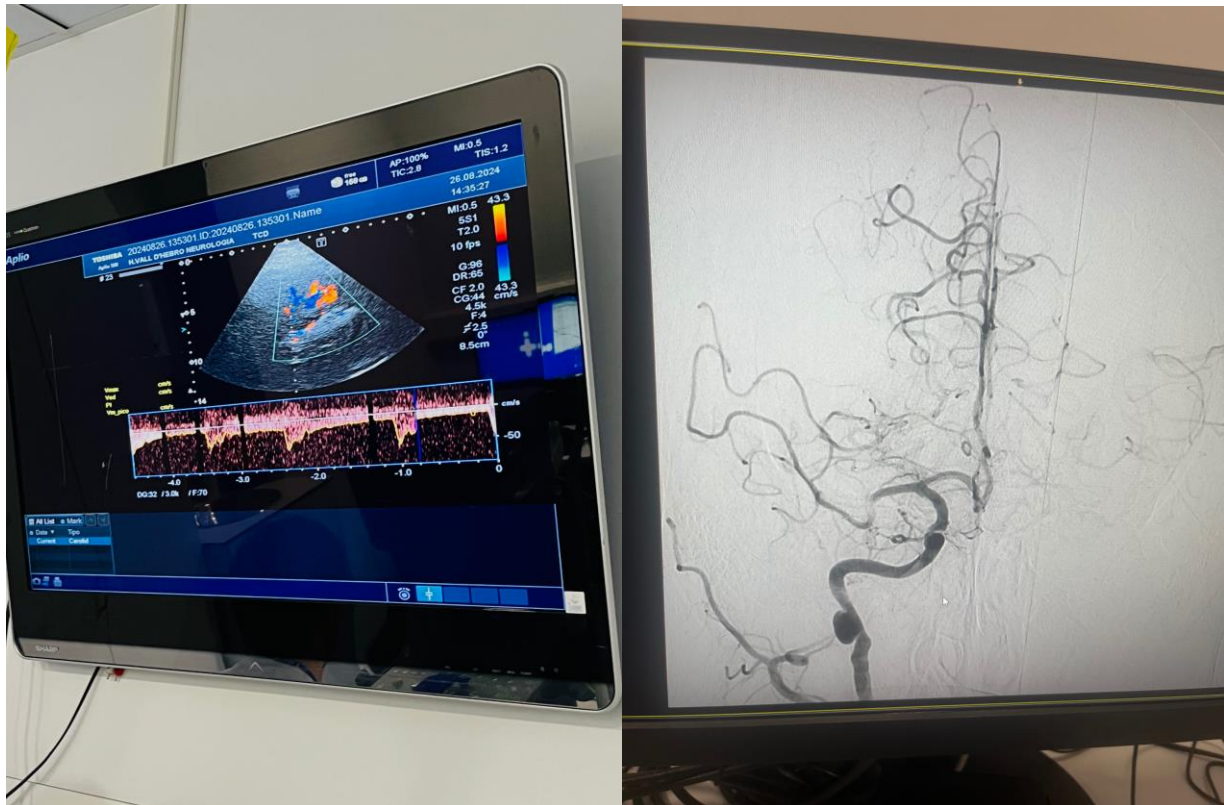
The multidisciplinary team employs rigorous criteria to identify suitable candidates, ensuring that each patient receives the most appropriate and effective treatment. This thorough approach not only maximizes positive outcomes but also minimizes potential risks associated with these interventions.

The efficiency and coordination among the staff were remarkable. From the moment a stroke patient is identified by the emergency medical services, there is seamless communication and collaboration. The phrase "time is brain" is deeply ingrained in the hospital's culture, emphasizing the critical importance of rapid intervention in stroke care. The cohesive teamwork between the emergency responders, neurologists, radiologists, and nursing staff ensures that patients receive timely and effective treatment.



The physicians at Vall d'Hebron were exceptionally welcoming and eager to share their expertise. They conducted engaging patient rounds, offering in-depth discussions on each case, including diagnostic findings, treatment plans, and prognostic considerations. These sessions were invaluable, enhancing my clinical knowledge and providing insights into advanced stroke management.

I had the opportunity to learn and perform Doppler ultrasonography of the head and neck vessels, an essential diagnostic examination for assessing cerebrovascular conditions. Additionally, I was trained in conducting the bubble test, which is used to detect right-to-left cardiac shunts such as a patent foramen ovale. Mastery of these techniques has significantly broadened my diagnostic skill set.



The internship was profoundly enriching, both professionally and personally. Witnessing the high standards of care and the dedication of the staff inspired me to strive for excellence in my future medical career. The experience underscored the importance of multidisciplinary collaboration and the impact it has on patient outcomes.

Importantly, the knowledge and practical skills I acquired during this internship will open new opportunities in treatment stroke in Ukraine. By applying the advanced techniques and approaches learned at Vall d'Hebron Hospital, I hope to contribute to the development of stroke care in my home country, improving patient outcomes and fostering innovation in neurological services.

The hospital's emphasis on continual learning and innovation was evident throughout my stay. Being part of a team that is committed to advancing stroke care has reinforced my interest in neurology and stroke management.



My time at Vall d'Hebron Hospital was an invaluable component of my medical education. The hands-on experience, coupled with the mentorship of leading experts in the field, has equipped me with advanced skills and a deeper understanding of stroke care. I am grateful ESO TF4UKR D2D visit program, all

medical staff of Stroke Unit of **Hospital and Vall d'Hebron** and PhD Dr.med.
Marc Ribo for this great opportunity.

Sincerely, Olha Yasni.