

Curriculum Vitae

Personal data

Name: **Luca Rossi**

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Education

2020-2023 Master of Science in Advanced Clinical Practice (Neurorehabilitation), Brunel University London, Uxbridge, Middlesex, England

2012-2016 European School of Physiotherapy, Amsterdam University of Applied Sciences, Amsterdam Zuidoost, Netherlands

Internship experience

May 2014–August 2014 **Policlinica Sekhmet** Calle ciego de Arjona 3, 18012 Granada (Spain)

Physiotherapy intern, according to level 1 and 2 of the KNGF profile. Orthopaedic patients treatment, mostly low back pain and assessment. Application of massage, TENS, ultrasounds therapy, warm mud and exercise therapy. (10 weeks)

February 2015–March 2015 **Casa dei Risvegli Luca De Nigris** Via Altura 3, 40139 Bologna (Italy)

Facility specialized in taking care of minimally conscious state (MCS) patients and their caregivers. Multidisciplinary environment. Assessment and treatment of neurological patients, mostly severe stroke and traumatic brain injuries. (6 weeks)

March 2015-June 2015 **Ospedale maggiore**, Largo Nigrisoli 2, 40133 Bologna (Italy)

Bologna main hospital. First 8 weeks in the rehabilitation department where assessment and treatment of neurological patients (acquired brain injuries), some of them bed bound and machine dependant. Experience in the so called “femur path” where hip replacement or hip fractures are treated. One week spent also in the Stroke Unit.

The last 6 weeks spent at the physiotherapy day hospital department. Physical therapist required to visit different patients in different departments. Experience in the ICU. (Total 14 weeks)

July 2016-October 2016 **Rehab on the move**, 1228 Pacific Highway, NSW 2073 Pymble (Australia)

Intern for 14 weeks with final exam. Rehabilitation centre focused on both paediatric and adult neurological rehabilitation, geriatrics care, women’s health and catastrophic injuries. Group exercise of acquired brain injuries, hydrotherapy sessions. “Collaboration” to the report required by IPC on an Australian Paralympic team athlete involved in Rio2016. Leading manual handling courses for volunteers taking care of clients.

First steps into research

September 2014-January 2015 **Vrije Universiteit medical center** De Boelelaan 1118, 1081 HZ Amsterdam

Development of a literature review on the most effective physiotherapy interventions for patients affected by haematological malignancies. Further development of both assessment and rehabilitation protocols for the haematology department at the VUmc. Protocols currently under testing.

June 2015-June 2016 **Amsterdam University of Applied Sciences** Tafelbergweg 51, 1105 BD Amsterdam

Bachelor of Science’s thesis by developing a literature review concerning “The latest and most relevant risk factors for the development of chronic pain in breast cancer survivors”. Development of a checklist useful to screen the clients who survived breast cancer and of a timeline of the symptoms concurrent to the development of chronic pain.

July 2015-July 2018 **PTAppBook**

I personally created a few Android applications for physical therapists. Currently we have a body mass index calculator, a six minutes walking test tool, a trunk control test tool, functional independence measure (FIM) tool, a Barthel index tool and a motricity index tool. Available in English, Spanish and Italian. To be restarted when Rennaz opens.

March 2016-June 2016 **Vrije Universiteit master’s thesis research assistant.**

Randomized controlled trial about femoral nerve excursion during movement in hip in the sagittal plane.

Ultrasound imaging in the longitudinal and transverse view.

Mainly taking care of the recruitment part, assisting the measurement procedure, inserting data in the various spreadsheets and statistical analysis. General review of the randomized controlled trial before deadline.

<https://pubmed.ncbi.nlm.nih.gov/29986192/>

Work experience

May 2017- July 2021 **Hôpital Riviera-Chablais**, Rte du Vieux Séquioia 30, 1847 Rennaz (Switzerland)

Physiotherapist full-time by the HRC on different sites. The site of the Providence offered me an overview of a rehab center. The sites of the Samaritain in Vevey and the site of Monthey offered me an overview of the acute setting. During this period I had the chance to treat various conditions and different types of patients' categories (paediatrics, orthopaedics, neurology, geriatrics, cardio-respiratory, general and internal medicine) both in ward and in the outpatient clinic. After training on non-invasive ventilation I was on-call during the night as well as worked on weekends in the Intensive Care Unit and Emergency Room. Prominent role during COVID-19 crisis.

November 2019- July 2021 **Hôpital Riviera-Chablais**, Rte du Vieux Séquioia 30, 1847 Rennaz (Switzerland)

Key person of the team constituting the rehabilitation offer concerning the neurology patients in the future hospital in Rennaz (**Stroke Unit**), the Clinique de réadaptation du Chablais, the Clinique de réadaptation de la Riviera as well as the outpatient facility in Aigle (Valerette). Proposal and evaluation of different evidence based projects related to neurorehabilitation. Participation in the Neurorehabilitation and Neural repair congress in Maastricht organized by the Dutch, the Belgian and the English societies of Neurorehabilitation. Discussion and exchange ideas about the Stroke Unit with worldwide leading experts in the field.

July 2021- Present **Institution de Lavigny**, Rte du vignoble 60, 1175 Lavigny (Switzerland)

Physiotherapist in the neurological rehabilitation centre of Lavigny, reference point for neurological rehabilitation in the canton of Vaud (Switzerland). Collaboration with the University of Lausanne for the development of the Parkinson's rehabilitation pathway and consultant for the Center for Interdisciplinary Research in Neuroplasticity and Neurorehabilitation (CRINN). Referring person concerning respiratory problems in neurological patients. Experience mostly with acquired brain injuries (stroke, traumatic brain injury, brain tumours, multiple sclerosis), Parkinson's Disease, Functional Neurological Disorders, Guillain-Barré syndrome, spinal cord infarction and so on.

Languages

- Italian Native (C2)*
- English Proficient user (IELTS score 8.0 in 2020) (C1), Physiotherapy education and last internship in Sydney, Australia.*
- French Proficient user (DALF C1 77.5/100) (C1)*: 5 years work experience in the French part of Switzerland.
- Spanish Good (Internship in Granada, Spain, in 2014) plus medical Spanish course before internship (B2)*
- Dutch Beginner, but easily improvable (A1)*

*According to the Common European Framework of Reference for Languages

Trainings

- Cardiopulmonary rehabilitation workshop held by St. James' hospital of Dublin physiotherapists
- Basic Life Support (April 2021)
- International Paralympic Committee: Introduction to para sport online learning programme (2017)
- International Paralympic Committee Athletics Classification Programme -classifier - (2017)
- Bobath Neuro-Environmental 21st century approach therapist (NER-21)
- World Physiotherapy Congress 2019 in Geneva (representing Switzerland)
- NeuroRehabilitation and Neural Repair congress 2019 in Maastricht

Hobbies and interests

- Foreign languages and cultures
- Travelling
- Art in general (Painting, Architecture, Sculpture)
- Sports in general (above all snowboarding and surfing)
- Music
- Photography
- Nature