



Co-funded by the
Erasmus+ Programme
of the European Union



JUST-CRS
Clinical Rehabilitation Science

New Master Degree

in Clinical
Rehabilitation
Sciences



Closing Ceremony

EDITION 6

2019 **OCTOBER**
www.crs.just.edu.jo

Training of Second cohort



Co-funded by the
Erasmus+ Programme
of the European Union



6.1.1 Second Patch of CRS Students completed their clinical training in Lisbon

A group of the 2nd patch of students from the Interdisciplinary Clinical Rehabilitation Sciences' Master program from Jordan University of Science & Technology have completed their clinical training in Lisbon, Portugal, where the students will be hosted at the Escola Superior De Saúde Do Alcoitão (ESSA) in Estoril. This is part of the implementation activities of the EU-funded JUST-CRS Clinical Rehabilitation Sciences project (EU Erasmus Plus Program). Five students from the program will spend 2-month clinical training at the occupational (OT) and physical therapy (PT) clinics at Centro de Medicina de Reabilitação de Alcoitão, Centro de Reabilitação de Paralisia Cerebral Calouste Gulbenkian (CRPCCG) and Fisiológica.

[Prof. Antonio Alves Lopes](#), the project coordinator in ESSA, stated: "This experience

is very important because it will allow the development of the students clinical competencies in an interdisciplinary and multicultural context".

[Prof. Silvia Martins](#) from occupational therapy stated "It is very important that the students can see in place the many different responses that Portugal has developed to promote health and wellbeing of persons with disabilities, to get inspired to find their own responses in Jordan, mainly in the community field". Thank you ESSA team for your great collaboration and continued support.

Thanks to the EU Erasmus Plus Program for support and fund of the whole project; students' travel and cost of stay are covered.

The Interdisciplinary Clinical Rehabilitation Sciences' Master program is hosted at the Department of Rehabilitation Sciences in the Applied Medical Sciences Faculty of Jordan University of Science & Technology in Jordan.



Clinical Training for CRS students in Lisbon, Portugal



Second Patch of Students completed their clinical training in Ankara

Three students from Jordan have completed their clinical training in Ankara, Turkey. This is part of the implementation activities of the EU-funded JUST-CRS Clinical Rehabilitation Sciences project (EU Erasmus Plus Program). The 3 master students from the program will spend 2-month clinical training at the occupational (OT) and physical therapy (PT) clinics of the School of Health Sciences at Hacettepe University.

[Prof. Ayşe Karaduman](#), the project coordinator in Hacettepe University, stated: 'We are very thrilled to have reached this phase in the project and to receive students from JUST. This is the fruit of all of everyone's hard work on this project'. After welcoming, students have received an orientation and a tour around the PT and OT departments and met with other staff from Hacettepe.

[Thank you Hacettepe team for your continued support.](#)

Thanks to the EU Erasmus Plus Program for support and fund of the whole project.; students' travel and cost of stay are covered.

The Interdisciplinary Clinical Rehabilitation Sciences' Master program is hosted at the Department of Rehabilitation Sciences in the Applied Medical Sciences Faculty of Jordan University of Science & Technology in Jordan

[The Interdisciplinary Clinical Rehabilitation Sciences' Master program](#) is hosted at the Department of Rehabilitation Sciences in the Applied Medical Sciences Faculty of Jordan University of Science & Technology in Jordan



ANKARA



Clinical training in UK for a group of Second cohort of CRS Students

Three student from Jordan have completed their clinical training in Oxford, UK. This is part of the implementation activities of the EU-funded JUST-CRS Clinical Rehabilitation Sciences project (EU Erasmus Plus Program). The 3 master students from the program will spend 2-month clinical training at the occupational (OT) and physical therapy (PT) clinics at the Centre for Movement, Occupational and Rehabilitation Sciences.

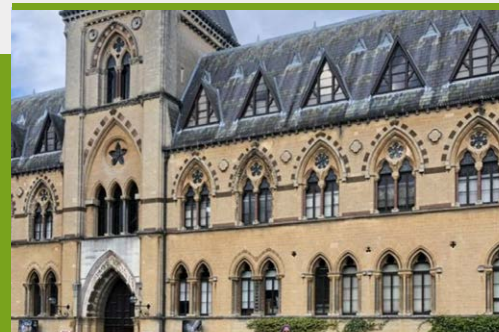
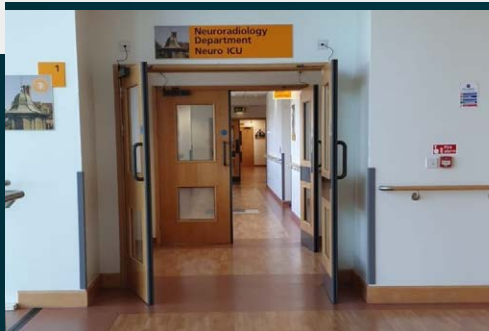
Prof. Helen Dawes, the project coordinator in OBU, stated: 'We are very thrilled to have reached this phase in the project and to receive students from JUST. This is the fruit of all of everyone's hard work on this project'. After welcoming, students have received an orientation and a tour around the PT and OT departments and met with other staff from OBU.

Thank you OBU team for your continued support.

Thanks to the EU Erasmus Plus Program for support and fund of the whole project; students' travel and cost of stay are covered



UK



Equipment

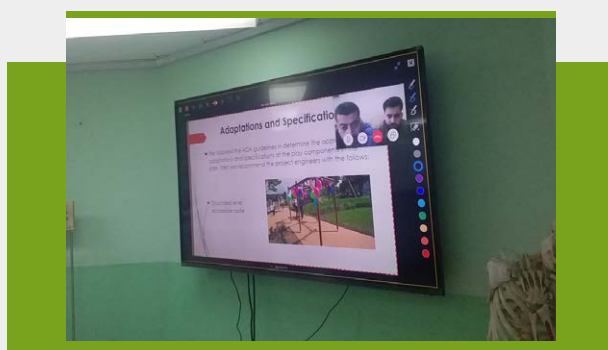
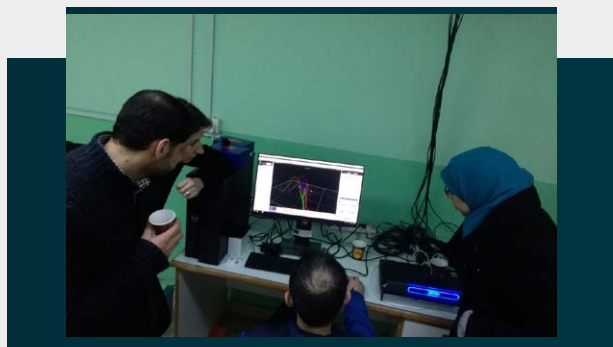
6.2 JUST-CRS establishes two state-of-the-art Clinical Laboratories

Finally! **JUST-CRS** has now established two state-of-the-art laboratories at the Faculty of Applied Medical Sciences at JUST (the host of the JUST-CRS Master program) to serve students' needs in the program. The two laboratories, equipped with around 250,000.00 Euros worth of equipment, are the clinical neurodevelopmental laboratory and Movement science laboratory will serve the preclinical laboratory sections of multiple courses, such as orthopaedic rehabilitation, neurological rehabilitation, sports rehabilitation, motor learning, and research methodologies.

Thanks to the Erasmus Plus generous fund, two rehabilitation laboratories for **“movement sciences”** and “neurodevelopmental rehabilitation” have been equipped in JUST university with the vision to be the center of excellence in clinical rehabilitation training in Jordan. The two labs contain unique and high-quality specialized equipment such as the Optical Motion Capture System from Vicon, IsoKinetic system from Biodex, Gait mat from Zeno Walkway, The Electromyography 16-channel system from Noraxon to name a few. These laboratories were intended to provide the CRS master students with the most up-to-date equipment needed for their study modules and clinical courses as well as the research courses and thesis work.

This lab included sophisticated high-quality equipment with advanced technologies that will help to further advance research, teaching as well as training current and prospective JUST-CRS students. The project coordinators are also planning to compose a research group to conduct studies using advanced research methodologies using the installed equipment. The plan is also to collaborate with other professors and clinical researchers from different local and international universities.

You can check the requested equipment by visiting the link <http://crs.just.edu.jo/Pages/default.aspx>



Theses Defences



Co-funded by the
Erasmus+ Programme
of the European Union



6.3 A group of JUST-CRS Students defend their thesis

A number of the first cohort of CRS students have successfully defended their theses. The students are now at different stages of the publication process aiming to disseminate their findings and the outcomes of their work. A list of students' names and their project titles are listed below. Professors from other partner institutions have also participated in the defense committees.

Huda Alboriny: "Return To Work Following A Stroke: Influential Predictors In Accordance With Occupational Therapy Practice Framework" supervised by Dr. Hanan Khalil & Dr. Mohammad Nazzal (members from consortium: Dr. Ziad Hawamdehi from University of Jordan and Dr. Patricia Almeida from ESSA, in Portugal)

Hassan Alrabbaei: "The Prevalence Of Work Related Musculoskeletal Disorders And Their Associated Factors Among Practicing Nurses In Jordan" supervised by Dr Khader Almhdawi (members from consortium: Dr. Zaid Modhi from Hashemite University)



A group of JUST-CRS Students defend their thesis

Ismael Falogy: "Examining The Relationship Between Motor Learning, Cognition And Sleep And Related Biomarkers In Parkinson." Supervisor: Dr. Alham Alshorman (members from consortium: Dr. Isabel Guimarães from ESSA, in Portugal)

Hanan Jaber: "The Prevalence Of Fatigue Among Stroke Survivors And Its Predicting Factors" Supervisor: Dr. Khader Almahdawi (members from consortium: Dr. Zaid Modhi from Hashemite University)

Alza Al-azrai: "Exploring Mental Health Symptoms And Their Correlates Among Stroke Survivors In Jordan" Supervisor: Dr. Khader Almahdawi (members from consortium: Dr. Zaid Modhi from Hashemite University)



A group of JUST-CRS Students defend their thesis

Donia Obeidat: "The Efficacy And Compliance Of Using Non-Specific Low Back Pain Smartphone Application Among Office Employees: A Randomized Controlled Trial"

Supervisor: Dr. Khader Almahdawi (members from consortium: Dr. Zaid Modhi from Hashemite University)

Sabreen Obaid: "Functional Recovery And Occupational Performance Outcomes Of Hand Therapy After One Year And More Of Distal Radius Fracture"

Supervisor: Dr. Mohammad Nazzal (members from consortium: Dr. Cigdem Okzus from Hacettepe University in Turkey and Dr. Maria Rosado from ESSA, in Portugal)



JUST-CRS closing ceremony

6.4.1 The Clinical Rehabilitation Sciences (JUST-CRS) Erasmus Plus Project Closing Ceremony

Thursday 5/9/2019/// The President of Jordan University of Science & Technology, Prof. Saeb Khresat, has patronized the closing ceremony of JUST-CRS project that was organized by the Faculty of Applied Medical Sciences. The closing ceremony was attended by the director of the National Erasmus Office; Prof. Ahmed Abu El-Haija and delegates of all partners in the consortium; Oxford Brookes University in the UK, Hacettepe University in Turkey, Escola Superior de Saúde do Alcoitão in Portugal, as well as local partners of the University of Jordan and the Hashemite University.

Prof. Khresat has welcomed the attendees and debriefed them on JUST's recent academic achievements and goals to become a distinguished university, regionally and internationally. Prof. Khresat stated that Jordan University of Science and Technology, now ranks among the best 100 young universities worldwide, looks forward to strengthening research partnership through the Erasmus Plus projects in order to support and encourage the development of global programs that are interdisciplinary in nature, as is the case in this project (physical and occupational therapy). Prof. Khresat has praised the European Union Erasmus Plus Capacity Building in Higher Education Program for generously funding this project and other projects at JUST.

Director of the National Erasmus office (NEO) in Amman, Prof. Ahmad Abu-El-Haija, shed light on the activities of the office, the quality of the projects it supports, the scholarships and projects the office sets forth, and the opportunities and academic exchange programs available to the faculty and students within the Erasmus+ program. Prof. Abu El-Haija praised the quality and outcomes of the JUST-CRS project and other projects implemented at JUST as a practical evidence on the high caliber of projects' management practices at

JUST-CRS closing ceremony

JUST and the remarkable efforts of JUST in contributing to the development of higher education in Jordan through its collaboration with EU institutions.

The Dean of the Faculty of Applied Medical Sciences, [Prof. Ziad Bataineh](#) has listed some of project achievements that have been accomplished over the last three years; the accreditation of the new master program, recruitment of three cohorts since establishment in 2017, and conducting clinical training for the enrolled master students in the best high quality European rehabilitation centers and clinics. Prof. Bataineh has confirmed JUST intent for the continuity of the master program beyond the Erasmus funding.

The coordinator of the project, [Dr. Mohammad Nazzal](#), provided an overview presentation on the project concerning its aims, activities, outcomes and sustainability plan. JUST-CRS is an Erasmus + EU funded project within the Capacity Building in Higher Education program which aims to increase European institutions' collaboration with other institutions from partner countries including Jordan. The aim of JUST-CRS project was to build a clinical interdisciplinary rehabilitation sciences' master's program at JUST which would ensure a great leap in the quality of offered rehabilitation services and the development of the physical and occupational therapy professions in Jordan and the Arab World. Dr. Nazzal has stressed out the establishment of the two neurological and orthopedic rehabilitation laboratories is the project's greatest achievement besides building the new Master's program which is the first in Jordan and the Arab World.

[The Closing ceremony of JUST-CRS](#) was attended by Deans of faculties, professors and students at JUST, representatives of the participating countries; Britain, Turkey and Portugal, in addition to a number of national institutions; The University of Jordan and the Hashemite University as well as a number of national and international stakeholders in the field of rehabilitation in Jordan.



Professors Symposium

6.4.2 Focused symposium: Educational and Professional Issues of Rehabilitation in Jordan

As part of the final closing ceremony of the JUST-CRS, a focused scientific symposium entitled “Educational and Professional Issues of Rehabilitation in Jordan” was held. The discussion in this focused symposium was centered around the following three questions: 1) What are the challenges facing rehabilitation professions in Jordan? 2) What can we learn from the UK, Turkey and Portugal? and 3) What is the role of Jordanian rehabilitation stakeholders?

The focused symposium panel of speakers consisted of guest speakers from Jordan and Europe; Prof. Helen Dawes from OBU, Prof. Antonio Lopes and Dr. Patricia Almeida from ESSA, Prof. Ayse Karaduman from Hacettepe University, Dr. Hashem Abu Tariah from The Hashemite University, as well as representatives of relevant NGOs and stakeholders operating in Jordan. The symposium, led by Dr. Hanan Khalil, produced excellent productive discussion about various challenges and suggested some realistic solutions to challenges facing the rehab professions in Jordan.



Students Symposium

6.3 JUST-CRS Master Program: Students' experiences' Symposium

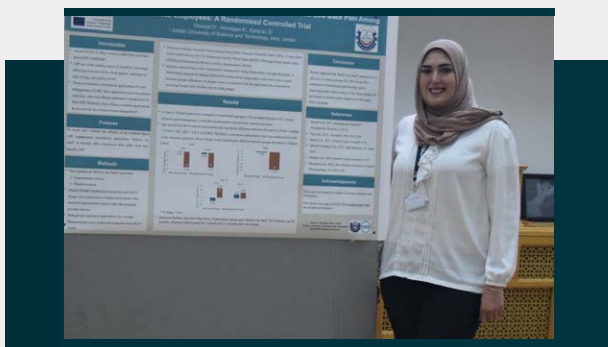
One of the highlights of the closing ceremony events held by JUST-CRS, a student experiences' symposium moderated by Prof. Silvia Martins of ESSA and Dr. Hanan Khalil of JUST. A number of JUST-CRS Alumni and students talked about their impressions and experiences in the program. Alumni and students discussed all aspects of the CRS master program, including curriculum, teaching, clinical training in Europe and their interactions with the Jordanian and European professors. Students reflected on the importance of interdisciplinary education they have received through the program and how such programs can be beneficial to healthcare service delivery. Students also reflected on the new knowledge gained and how to become new agents of change to improve rehabilitation services in Jordan.

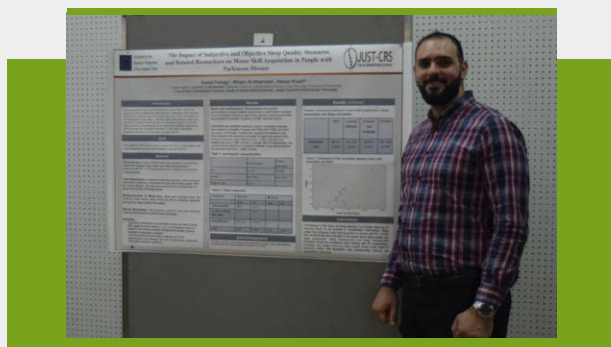
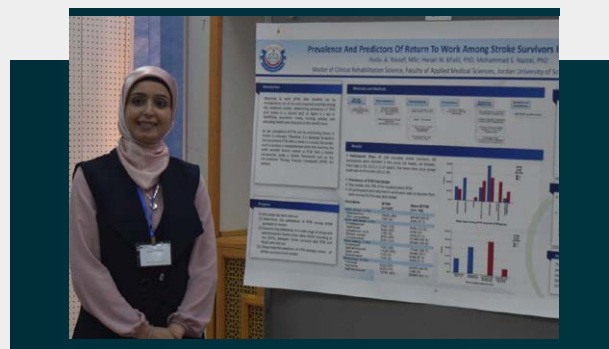
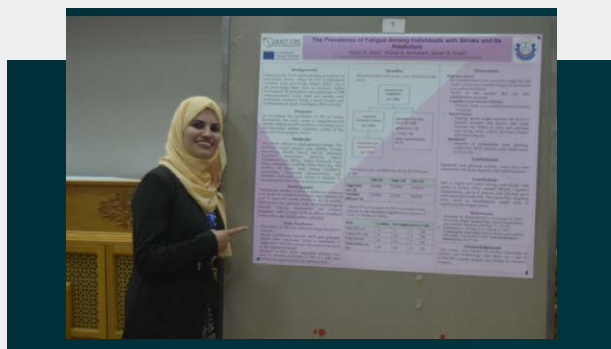


Poster Competition

6.4.4 JUST-CRS Alumni and Students' Poster Competition

A number of JUST-CRS alumni and students have participated in the Scientific Research Poster Competition, one of the closing ceremony activities. Eight Alumni and students have shared their study findings and its potential impact on rehabilitation practice. An interdisciplinary committee has evaluated the presented posters using a predefined criteria. The committee and audience have evaluated the quality of posters based on the quality of the research study thesis, quality of the writing, presentation and their importance. Ms Donia Obeidat won the best poster award for her study entitled 'The Efficacy And Compliance Of Using Non-Specific Low Back Pain Smartphone Application Among Office Employees: A Randomized Controlled Trial'. The JUST-CRS coordinator, Dr Nazzal commented that conducting high quality research, dissemination of important findings and training of independent researchers are some of the JUST-CRS goals that have been achieved. The Award ceremony was patronized by the Dean of Graduate Studies, Prof Borhan Al-Biss.





Art Exhibition

One of the highlights of the closing ceremony events was held by JUST-CRS, an art exhibition entitled “Adaptation through Art: My story with scleroderma ” for Artist Hanadi Abu Al-Arja. Abu Al-Arja presented a video about her condition and the difficulties she faces due to a condition scleroderma that affects her everyday activities such as breathing, walking and moving her arms. Abu Al-Arja has a special way to adapt to her struggle with Scleroderma through art and drawing. .Also she wanted to deliver a message to all who suffer from physical disabilities not to give up and to always have a motive to move on and become the person they want to be.

In addition, [Alisar Nazzal](#) (11th grade student in Yarmouk Model school) also presented her painting work at the exhibition. She also enthusiastically discussed her painting and drawing passion. She also tells the story how she improved her skills and talent.

Both artists were applauded for their fascinating paintings, and were encouraged by the visiting audience to continue their interesting work



Contact Us

JUST-CRS Project

Faculty of Applied Medical Sciences (AMS)
Jordan University of Science and Technology (JUST)

P.O.Box 3030, Irbid, 22110, Jordan

Phone: +962-2-7201000 Ext: 23774

Fax: +962-2-7201087

Email: justcrs@just.edu.jo

Website: <http://crs.just.edu.jo/>



JUST.REHAB.2017