



# Integration Snapshot Jordan University of Science and Technology

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#### **CONTEXT SETTING**





Country: Jordan Resource Setting: Middle





### PREMISE OF WHEELCHAIR-SPECIFIC TOPIC

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Program: 3rd-4th yr BSc Physical Therapy (PT)

2nd yr BSc Radiologic Technology (RT)

Approach: Lectures

**Practical Labs Online Training** 

Language: English Type: Mandatory Credit: 3 credits

Schedule: 2 x 3-hr labs

Historical Context: The programs did not include any specific wheelchair (WC) service provision education (ex. wheelchair skills). Until now, it was part of syllabus in different mandatory courses. Learning Objectives

- 1. Identify the benefits of an appropriate WC & how WC service personnel can support a WC user's right
- 2. List physical & functional reasons for additional postural support and its possible effect
- 3. Identify design features of an appropriate WCand how can impact on user function and satisfaction
- 4. Describe how WC users can receive WC service;
- 5. Explain the purpose of WC assessment in regard to the International Classification of Functioning, Disability and Health
- 6. Demonstrate the correct way to measure WC user and to adjust fitting for an appropriate WC
- 7. Learn to teach WC skills to WC users
- 8. Identify common technical problems with a WC and possible solutions

# WHEELCHAIR SERVICE PROVISION TOPICS based on WHO 8-Step Model

Step 1 Appointment & Referral Step 2 Assessment

Step 3 Prescription

Step 4 Funding & Ordering

Step 5 Product (Wheelchair) Preparation

Step 6 Fitting

Step 7 User Training

Step 8 Maintenance & Follow-Up

# **INTEGRATION PROCESS for Jordan University of Science and Technology**

The timeline below includes resources found in ISWP SMART as denoted by \*.

**Advocacy** 2017

I met the Dean of Faculty of Applied Medical Sciences and described to him the values of introducing wheelchair service provision education in the BSc Rehabilitation Scinces program course curricula. He welcomed the idea and worked on the preparation of related procedures.

**Planning** 

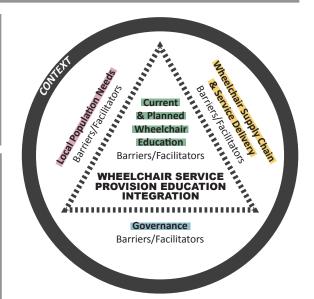
I had access to university sources to equipment and buildings. I have as well made a personal effort to communicate with students and coordinate with other training supervisors for the planning of wheelchair service provision education in existing courses. There are attempts to get more support from the university and the private sectors. I must work to overcome the barriers caused by the lack of awareness of the community about the importance of wheelchairs service, by first increasing the awareness of students, then to effect on their community later.

Course **Development** & Delivery

- -The WHO Wheelchair Service Provision Basic Training Package\* is the official reference and worked on identified the specific needs in each Bsc program specialty related to the wheelchair service training program.
- -I contacted with other Faculty professor to integrate the wheelchair service training as apart of the svllabus.

First-Time **Implementation** 2018

- I made a set of practical and theoretical tests for students before and after the completion of each training lab and the results were effective.
- I carried out 2 practical sessions for
  - PT students on all 8 steps
  - RT students with focus on transfer skills
  - Occupational Therapy students on wheelchair mobility skills and transfer
- I am currently developing an online questionnaire to measure the awareness of physical therapists about wheelchairs among the university, the hospitals and centers.



Wheelchair Service Provision Education **Integration Process Model** 

**Improvement** 

2019

Depending on the students' reviews and their marks in the tests before and after training, I focus on any weakness I have seen. Future plans include: (1) offer the training course to be suitable for faculties and students at other institution, public or private, who has interests in wheelchair service training program, (2) offer the certification program\* to be accredited by ISWP, (3) find more funding resources to obtain specific tools and equipment important for the training courses.