**HOUSHANG RANJBAR**

**B.Sc. P&O MSc P&O**

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**PROFESSIONAL EXPERIENCE**

* **University of Jordan, Amman, Jordan**

*Full time lecturer (Orthotics/Prosthetics instructor)*

April 2003 – present

* Educating, mentoring, discipline, teamwork and theoretical / practical abilities in OP department
* Educating lead to a deeper self understanding of practical / theoretical aspects of OP
* Preparing classes upon course syllabi, providing booklets/ manual and related presentations
* Demonstrate techniques, hand skills, evaluation methods, work with tools and machinery in practical labs
* Work in limited resource setting with materials while maintaining high quality
* Students training in fabrication of orthotics and prosthetics
* Evaluated, designed and fit patients with prosthetics/orthotics devices
* Fit, test and adjust devices on patients, instruct in how to use and care for their devices
* Tailored care to meet the specific needs of each patients
* Maintenance and adjusting of workshops machinery
* Communication with patients/ their family to improve patient mobility and quality of life

* During this period I have taught following courses: (Theoretical & Practical)
1. Upper extremity prostheses (WD, BE prostheses, ED, AE and Shoulder disarticulation)
2. Lower extremity prostheses (AK, KD, Congenital deficiency, hip disarticulation)
3. Applied orthotics & prosthetics (Upper extremity orthoses, Medical shoe, AFO, KO, partial foot and KD prostheses)
4. Upper extremity orthoses
5. Lower extremity orthoses (KAFO, HKAFO, KO and HO)
6. Orthotics & prosthetics techniques (Educating casting, modifying, drilling techniques and other requirements)
7. Occupational safety
8. Prosthetics clinical practice
9. Orthotics clinical practice
* **2015 – 2016:** Developing course content and lectures:

10 – Lower limb Orthoses (HKAFO, RGO, advanced orthoses)

11 – Lower limb prostheses (Partial foot, chopart and supplementary prosthetics)

12 – Prosthetics casting skills

* Supervisor and counselor of 4th year OP student research project (Upper limb prostheses evaluation in Amman)
* 2014 – 2016: member of seminars, conferences & congresses committee in rehabilitation sciences school
* Participating in curriculum review
* **2016 – 2017:**
* member of machinery & equipment’s maintenance committee in rehabilitation sciences school
* Supervisor and counselor of 4th year OP student research project (Identifying of ankle – foot disorders in first to third grades students in Amman schools)
* **Welfare & Rehabilitation Sciences University – Tehran – Iran**

*Orthotist/Prosthetist*

Oct.2000 - April 2003

* Mentoring – leading – educating graduate P & O students
* Students training in fabrication of orthotics and prosthetics devices
* Amputees training to use upper and lower extremity prosthetics
* Patients training to use upper and lower extremity orthotics
* Work in Saba rehabilitation center belong to WFS university (Evaluated, designed and fit patients with prosthetics/orthotics devices)
* Instructor of master and bachelor degree OP students:
1. Advanced orthoses (ARGO, KO, HKAFO)
2. Myoelectric Upper extremity Prostheses (BE, AE)
3. Upper extremity prostheses (BE, AE, SD)
4. Lower extremity prostheses (Syme, BK, KD, AK, HD)

Member of determination thesis subjects committee for master OP students

* **Welfare Organization (Behzisty), Tehran – Iran**

*Expert of rehabilitation programming*

Oct.1998 – Oct.2000

* Country wide mentoring - programming - planning of training and retraining courses for OP centers belong to Welfare Organization in Iran
* Quality and quantity control of orthotics and prosthetics devices manufactured by OP centers
* Machinery, tools and material distribution for OP centers
* Translation of related booklet and technical information manual
* Routine supervision of OP centers and report writing
* Capacity building
* **Deputy of rehabilitation, Welfare Organization (Behzisty), Shiraz – Iran**

*Orthotist/ Prosthetist*

**May 1994 – Oct. 1998**

* Chief the of orthotics & prosthetics center belong to Deputy of rehabilitation
* Managing of works, requirements, tools and materials in OP center
* Ordering and buying of necessarily orthotics/ prosthetics components and materials for OP devices
* Examination, assessment and evaluation of patients and amputees
* Translation of physician’s prescription to simple words for technicians and communication with rehabilitation team
* Active member of multi disciplinary team
* Writing of statically reports
* Active participation in annually OP meeting
* Participation in monthly meeting with rehabilitation team and assessment of disable people
* Member of committee for evaluation, assessment and quality control of the war injured amputees and their prosthetics.
* **Deputy of rehabilitation, Welfare Organization (Behzisty), Shiraz – Iran**

*Orthotist/ Prosthetist*

**May 1992 – May 1994**

* Manufacturing of Orthotic devices (Plastic AFOs, Metal leather AFO, KAFO, HKAFO and KO)
* Manufacturing of Prosthetic devices (Partial foot, Syme and BK prostheses)

**EDUCATION**

**Welfare & Rehabilitation Sciences University – Tehran – Iran**

Master Degree in Prosthetics and Orthotics, 1999 - 2001

Thesis titled: Evaluation of upper limb lesion and accommodation of related orthoses which are prescribed and quality of orthoses for the patients which are referred to the orthotic and prosthetic centers in Tehran.

**Iran Medical University, Tehran – Iran**

Bachelor degree of Science in Orthotics & Prosthetics, 1989 – 1992

**Iran Medical University, Tehran – Iran**

Associate degree of Science in Orthotics & Prosthetics, 1986 – 1989

**AWARDS AND OTHER QUALIFICATIONS**

* **June 20th, 2019 – August 8th, 2019:** Retraining course in Lower limb orthotics (DAFO), this course was held in partnership with ICRC included 25 hours of academic education and 48 hours of clinical training. (Final grade 10)
* **July 24th, 2018 – December 10th ,2018:** Retraining course in Lower limb prosthetics (Advance Transtibial), this course was held in partnership with ICRC included 25 hours of academic education and 48 hours of clinical training. (Final grade 9.4)

### 15 – 17 April 2017: Participation in the 1st International Arab Congress of Orthotics and Prosthetics

* **May 24th, 2016 – May29th, 2016:** Participation in Ossur and Steeper company training course (Ice Cast, Bionic Hand)
* **14 – 16 June 2005:** Jordanian Congress in Myoelectric
* **April 29, 2001:** Technique and knowledge of training on Intelligent Knee System (NABCO Ltd.) Mostazafan & Janbazan Organization, Tehran-Iran
* **23 April – 4 May 1994:** Second course of re-training of Orthotics & Prosthetics – Modern techniques of lower limb orthotics & prosthetics. ( the state welfare organization of Iran in cooperation with Otto Bock company, Tehran)
* **Re-training courses in Otto Bock company, Duderstadt-Germany:**
* **3 – 7 May 1993:** Fundamentals- Fabrication of below knee prostheses ( crustacean design)
* **10 – 14 May 1993:** Processing of plastic materials
* **17 – 28 May 1993:** Fundamentals- Fabrication of modular above-knee prostheses
* **1 – 4 June 1993:** Upper extremity prostheses ( Myoelectrially controlled below elbow prostheses)
* **7 – 11 June 1993:** Myo-service

 **EXTRA-CURRICULAR ACTIVITIES**

* **May 14, 2012:** Participation in E-Panel (Educational approaches in OP) in the 10th International O & P congress, Tehran, Iran
* **May 3, 2012:** Workshop(Prosthetics component & Alignment) in the Sixth Scientific Day of the Faculty of Rehabilitation sciences, University of Jordan, Amman, Jordan
* **April 20, 2011:** Workshop(AFO fabrication) in the Fifth Scientific Day of the Faculty of Rehabilitation sciences, University of Jordan, Amman, Jordan
* **April 21, 2010:** Scientific Paper (Hazards in OP) in the Fourth Scientific Day of the Faculty of Rehabilitation sciences, University of Jordan, Amman, Jordan
* **5-7th November 2008:** Participation in the 4th Jordanian & 3rd Pan Arab Congress in physical medicine, arthritis and rehabilitation
* **April 16, 2008:** Scientific Paper (Body input sources for prosthetic control) in the Second Scientific Day of the Faculty of Rehabilitation sciences, University of Jordan, Amman, Jordan
* **December 12, 2007:** Participation in the Second Occupational Therapy Student's Seminar as chairman
* **17-24 June 2006:** Workshop of technical evaluation in lower limb orthotics as lecturer & trainer ( University of Jordan in cooperation with International Committee of the Red Cross)
* **10-21 September 2005:** Training course on spinal orthoses as lecturer & trainer (University of Jordan in cooperation with International Committee of the Red Cross)

**OTHER INTERESTS**

* Myoelectric prostheses
* Congenital deficiencies and pediatric orthotics and prosthetics devices
* Computer skills: Word, power point, excel and SPSS
* Play as an actor, known for [Under the Shadow](http://www.imdb.com/title/tt4273292?ref_=nm_ov_bio_lk1) (2016) and [Flight HS13](http://www.imdb.com/title/tt5686852?ref_=nm_ov_bio_lk2) (2016). http://www.imdb.com/name/nm7296115