**Rheumatology & Rehabilitation Department**

**Faculty of Medicine**

**Zagazig university**

**Head of department: Prof. Heba Abd El-Wahab Selim**

**Our department staff**

* **21 Professors**
* **7 Assistant professors**
* **12 Lecturers**
* **7 Assistant lecturers**
* **7 residents**

**Staff presentation in scientific committees**

* ***One professor:* member in the permanent scientific committee for promotion of professors & assistant professors.**
* ***Three professors:* reviewers in the permanent scientific committee for promotion.**
* ***One professor:* member in the scientific committee for Egyptian fellowship in Rheumatology.**
* ***One professor:* member in the institutional review board (IRB) of our college.**

**The department provides medical services in the form of:**

* ***Inpatient department:* 18 beds in Al-Salam hospital, with occupancy rate 80 - 90 % all over the year.**
* **Patients are admitted for disease monitoring, diagnosis, investigations & different types of treatment for different rheumatic disease.**
* **Accreditation of our department as an official center in Egypt to approve *“Biological therapy for different rheumatic disease”* as a treatment at government expenses, 5.5 years ago.**
* ***Outpatient clinic:* receives about 850-900 patients/month.**
* **Intra-articular injection of steroids, platelet-rich plasma & hyaluronic acid is performed in the outpatient clinic.**
* **A day for assessment of osteoporosis by quantitative US has been held twice, for free in the outpatient clinic.**

**Specialized Rheumatology units**

* **Follow-up unit**
* **Rehabilitation & physiotherapy unit**
* **Pediatric unit**
* **Ozone unit**
* **Follow-up unit:receives about 800 patients/month; with different rheumatic diseases, e.g. RA, SLE, AS, systemic sclerosis, Ps A, ……..**
* **Rehabilitation & physiotherapy unit: recieves about 40-60 patients/day, receiving different physiotherapy modalities & exercises**.
* **Alternative work days are separated for males & females.**

**Pediatric unit**

* **It is concerned with physical treatment for children, with different neurological or musculoskeletal disorders.**

**Ozone unit**

**This unit receives about 60 patients/month.**

**It is used as a complementary therapy for the treatment of :**

* **Knee OA & LBP**
* **CP, infantile hemiparesis & autism**
* **Resistant diabetic ulcers**
* **Malignant otitis externa**
* **Resistant teeth infection & mandibular tumors.**

**New specialized Rheumatology units**

* **Interventional treatment of spasticity unit**
* **Shock wave unit**
* **Electro diagnosis unit**
* **Musculoskeletal US unit**

**Interventional treatment of spasticity**

* **Many patients (adults & children) with disabling spasticity receive Botox injection in our inpatient department.**
* **Five staff members are involved in this unit.**
* **This service is available for patients in Sharkia Governorate & nearby ones.**

**Shock wave unit**

* **It is considered the only unit for this type of treatment in Sharkia Governorate. It is concerned with treatment of resistant cases of tendinitis, planter fasciitis and calcaneal spurs, who showed no response to traditional medical & physical treatment**.

**Electrodiagnosis unit**

* **It receives about 150 patients / month, with different neurological disorders to be diagnosed using nerve conducion studies, electromyography, quantitatine EMG and somatosensory evoked potentials.**
* **Seven staff members are involved in this unit.**
* **Nihon Kohden Neuropack S1 electromyography equipment.**
* **Staff members of the unit have participated in different training programs of residents & specialists in Al-Ahrar teaching hospital and El-Sheikh Zayed hospital.**
* **NCS & EMG workshop was held on 5th & 6th December, 2017.**

**Musculoskeletal US unit***“The dream which came true”*

* **Our musculoskeletal ultrasonography unit had become a truth in 2016, by self-help funding, by the guidance & efforts of Prof. Nahla Gaballah.**
* **Eight staff members were included in the unit, under the supervision of Prof. Dr. M. Mortada.**
* **The device is HITACHI (Alocka), 18 MHZ, with linear probe, and with color & power Doppler.**
* **Stuff members has attended *advanced EULAR courses.***

**Museum of Orthosis and Prosthesis**