

## 15- Cardiologist Medical team from San Donato Hospital –Milan visit Kurdistan -22-24 May:

On the 22-24 of May, 2010, an Italian Medical team has visited Kurdistan Region of Iraq, in a humanitarian intended to help improving health sector in the region.

Invited by Heevie in cooperation with Ministry of Health, the Italian team constituted from Iole Pinto President of SIA – Solidarity Initiatives Association (Italy) and Prof. Alessandro Frigiola Heart Surgeon , San Donato Hospital (Milan - Italy).

Heevie has arranged a meeting for Professor Frigiola , Head of Cardiac Department in San Donato Hospital in Milano, and Iole Pinto President of SIA Italian NGO with Mr. Adnan Almufty, PUK Polite Bureau member to discuss an idea of forming a medical team from each Kurdistan Region Governorate specialized in Pediatric Cardiac Diseases to be trained in Europe and to conduct Cardiac Surgeries in Sulaymania Cardiac Hospital.

Professor Frigiola asked for the necessity of having Cardiac Hospital in each Governorate to be able offering services to common people.

The Medical team consisted of the following persons:

No.	Name	Role/Institution	Gender	Nationality
1	Iole - Pinto	President SIA – Solidarity Initiatives Association (Italy)	F	Italian
2	Alessandro Frigiola	Heart Surgeon: San Donato Hospital (Milan - Italy)	M	Italian
3	Halkawt Ali Nuri	Physician: Heart Surgery School – University of Milan (Italy)	M	Iraq

➤ Meeting with Mr. Adnan Al Mufti

Mr. Adnan has very warmly welcomed the idea and offered the necessary assistance and arranged a meeting with Minister of Higher Education in Kurdistan Region Dr. Dilawer Abed Al-Aziz who has expressed the readiness to provide essential and necessary staff for training matters.



➤ Agreements with Ministry of Health

Heevie has arranged a meeting with Minister of Health, Dr. Tahir Hawramy, to discuss the same project of training Cardiac Surgery Teams and Train local Pediatric Surgeons by SIA in Italy plus treatment of patient children in Kurdistan Region in Italian Hospitals. The Minister has thanked the Italian delegation for the services and assistance they offer people of Kurdistan Region and offered the possible assistance to make this project successful. Also an agreement between San Donato Hospital in Italy and Ministry of Health to exchange experience and provide training to local Medical Doctors and Nurses.



➤ Agreements with Ministry of High Education

The delegation met also the Minister of High education, Heevie was able to establish and hold an agreement between San Donato Hospital in Italy and University of Duhok Colleges of Medicine and Nursery. The agreement has been signed to exchange experience and provide training to local Doctors and Nurses.

➤ Meeting with Director General of Health in Sulaymania

Heevie accompanied the Italian delegation visiting Director General of Health in Sulaymania. They met Dr. Rekawt Hama Rasheed the, Director General, and discussed the possibility of conducted Pediatric Cardiac operations in Sulaymania Cardiac Surgery Hospitals as well as training local staff. The delegation has visited the Cardiac Surgery Hospital and met Dr. Kamiran Raouf Qaradaghi , Director of the hospital and made a tour inside to look at the available devices and equipment to assess the possibility of conducting operations.



➤ Meeting with Director General of Health in Duhok

Heevie has arranged the last meeting with Dr. Abdullah Saeed, Director General of Health in Dohuk Governorate. The Delegation has expressed their willingness to conduct operations in Kurdistan Region. Dr. Abdullah took the delegation in a tour to look closely at the new Cardiac facility under construction in Azadi Hospital. Dr. Abdullah explained about the works and expected the facility to be ready after six months. Professor Regional expressed his gratitude to the facility and readiness to conduct operations in as well as training local staff.



## 16-Clinical Diagnostically Laboratory& Improving Pediatric Cure in KRG Mission - September 2010:

On the 24th of Sep. 2010, an Italian Medical team has visited Duhok city, Kurdistan Region of Iraq, in a humanitarian intended mission to help improving health sector in the region.

Invited by Heevie Org in cooperation with Director General of Health of Duhok City Dr. Abdulla Saeed, the Italian medical team from Siena-Italy visit Kurdistan consists of (4) persons divided into (2) medical teams , Clinical Diagnostically Laboratory and Paediatric Team.



**Dr.Abdullah Saeed , Iole Pinto, Salvatore Petralia, Stefania Cresti, Renato Scarinci**

The Italian Teams that visited Kurdistan consisted of the following Specialization:

Clinical Diagnostically Laboratory& Improving Pediatric Cure in KRG) Mission of 24th.Sep.-28th. Oct.2010

No.	Name	Specialization	Gender	Nationality
1	Iole Pinto	President - Solidarity Initiatives	F	Italian
2	Salvatore Petralia	Chemical Clinical Analysis: Teaching Hospital of Siena	M	Italian
3	Stefania Cresti	Microbiologist: microbiology lab Teaching Hospital of Siena	F	Italian
4	Renato Scarinci	Pediatrician: Teaching Hospital of Siena	M	Italian

On the basis of the outcomes of the survey on Clinical Diagnostic Laboratories working in the area of the Health Department of Duhok Governorate carried out by Dr. Salvatore Petralia during the Mission held in April it is possible to define the main actions to be taken in order to improve the pediatric cure of children, starting from appropriate, reliable and safe diagnostic examinations:

Organizing mission to Duhok (24 Sep.-24 Oct.) from a team of 2 experts on Microbiology Laboratory diagnostic led by Dr. Salvatore Petralia: chemical Clinical Analysis (30 days /mission) and Dr. Stefania Cresti: Microbiologist (15 days /mission) aimed to train local staff and restructure microbiology laboratory branch, and in particular:

- ✓ Improving the modality of blood samples collection.
- ✓ Improving health and safety procedures at work, and preventing transmission of infectious agents, according to the international standards and WHO guidelines.
- ✓ Creation of adequate sterility conditions, appropriate working methods, appropriate use of culture medium.
- ✓ Purchase and installation of biological safety cabinets, germfree tested, and certifiable to be used whenever infectious materials are handled, there is an increased risk of airborne infection, procedures with a high potential for producing aerosols are used etc.
- ✓ Purchase and Providing Personal Protective Equipment to the workers.
- ✓ Setting up external Controls of Qualities and daylily calibration procedures to improve reliability of examinations.
- ✓ Training on the job of the Microbiology Lab staff on the appropriate using of safety equipment, quality controls and diagnostic procedures.
- ✓ Training of clinical engineering staff to set up appropriate maintenance procedure for laboratory equipment. Heevie Organization invite to participate the departments of Erbil, Sulaymania and Kirkuk to get benefit all Kurdistan Region.

Second Team (24<sup>th</sup>.Sep.-29<sup>th</sup>.Sep.) from Dr. Renato Scarinci Pediatrician: Prenatal Diagnosis Center Teaching Hospital of Siena, Iole Pinto: President - Solidarity Initiatives to start up cooperation program for children in the field neurological rehabilitation - epilepsy - neurological disease prevention.

## The Activities of the Team:

### 1- Solidarity Initiatives Association- SIA Delegation:

The delegation with medical Team visit several hospitals Such as Azadi Hospital, Early Detection of Disability Center and in the end the Italian team with the local medical staff Held a meeting to discuss their program for the coming days.



## 2- Microbiologist Team:

The program of Dr.Stefania Cresti Microbiologist: microbiology lab Teaching Hospital of Siena was practical training in addition to daily lectures on the most important topics and the developments in Microbiologist at the global level. Dr.Stefania confirmed the need for a library, available sources and scientific studies in Azadi Hospital and to participate via the Internet with global institutions for Research and Studies.

- (23) Local medical staff trained on the job.



➤ Workshop in Azadi Hospital , 27/09/2010

The Workshop was about Blood Culture and Clinical microbiology: a diagnostic tailored to needs and resources,  
Activity of the Clinical Microbiology Laboratory:

1. Diagnostic

- Diagnostic principles and practices
- Quality Assurance

Bio safety (for both workers and patients)

2. Consultant

- Request “properness”
- Correct sampling, preserving and sending
- Infectious diseases therapy

3a. Infectious diseases control

- Community infect. dis.
- Nosocomial infect. dis.

3b. Antimicrobial resistances prevention



### 3- Chemical Clinical Analysis Team:

Dr. Salvatore Petralia Microbiologist: microbiology lab Teaching Hospital of Siena stressed that his program designed to make Azadi hospital laboratory an example for all laboratories and that amounts to a global level laboratories in the accuracy and validity of tests and this requires efforts to make changes on several fronts will be conducted in cooperation with the local team during this month.



#### 4- Paediatric Neurological Team:

- Meeting in Early Detection of Child Disability Center, 25.9.2010

Dr.Renato Scarinci Pediatrician: Teaching Hospital of Siena meet with Dr.Reevink Saleem manager of early detection of child disability & Dr.Farhad Bahjat, Dr.Saqvan Mohammed Salih in the center of early detection they explain the deficiency in the center Dr.Farhad (Neurosurgeon) said that EEG&EMG instrument is very important in the center but not present in center we have only one of EEG in Azadi hospital for adult only, another instrument which very important also is audiogram which present now in the center but nobody trained how to use it .

At the end of the meeting in order to make the center better they agree to work on the steps mention below:

- 1-The medical team should consist of this specialization: Gynecologist, Peadiatrition, Radiologist, Neurosurgeon and physiotherapy.
- 2-The Center should have EEG, EMG instrument and train the staff on it.
- 3- The Center should train the staff on audiogram instrument.
- 4- The Center need U/S for hip which present only in Heevie Hospital these instrument for detection of congenital dislocated hip joint in first month .
- 5-The physiotherapist should be trained well for more than 2 years.

- Examine the Patients, 26.9.2010

Dr. Renato Scarinci Examined (35) patient with Dr.Reevink Saleem,Dr.Farhad Bahjat&Dr.Saqvan Mohammed Salih

- (14) Local medical staff trained on the job.



Dr. Renato Scarinci Pediatrician: Visit Duhok Hospitals

➤ Workshop in Heevie paediatric Hospital, 28.9.2010



The Workshop with all pediatricians was to - start up a cooperation program for children in the fields of:

- Neurological Rehabilitation - Epilepsy
- Neurological Disease Prevention
- Develop the prenatal diagnosis
- Prevention of infection during pregnancy like Toxoplasmosis and Chlamydia
- Correct nutrition during pregnancy
- Control diabetes during pregnancy
- Correct use of drugs during pregnancy.
- Dr.Renato suggest train the staff in Italy for 1 month to learn and work together with Italian doctors about Heart defect, prevention of cerebral palsy, meningitis, use of drug in epilepsy.
- Another important point is ultrasound for hip for early detection of developmental dislocated hip. sonography of hip is important at least 2-3 days of delivered baby.