



**Heevie** Health NGO

ريڤيراوي هيڤي يا ساڤله هي ريڤيراوي نه حكومي  
منظمة هيڤي الصحية منظمة غير حكومية

# Heevie Annual Report for 2011



# Archive: Year 2011

## Statistics:

The total patients have been examined or treated (2984) patients.

- 29 patients have been sent to Italy in cooperation with Italian Organizations.
- 5 patients have been sent to Al Sudan in cooperation with Emergency Org.
- 102 patients have been operated in Kurdistan by the Italian team.
- 2105 patients have been examined in Kurdistan by Italian Medical Teams and Local trainee Doctors.
- 742 pregnant women's have been screened by Ultra-Sound and blood test in Early Detection of Disability Project.
- 1 patient treated inside Iraq
- 3 local medical Doctors trained in Italy in cooperation with Italian Organizations.
- 136 Local medical staff and Doctors trained on the job in Kurdistan by Italian Medical Teams.
- 25 Professional medical Italian works in Kurdistan several times.

## Projects:

- 1- Project: Treating Patients and Training the Local Medical staff in cooperation with Italian organizations
- 2-Project: Treating Patients inside Iraq
- 3- Project: Registering and examining the Congenital Heart Diseases Children in Kurdistan Region
- 4- Project: Early Detection of Disability- Antenatal Diagnosis

## 1 - Treating Patients and Training the Local Medical staff in cooperation with Italian organizations

Heevie in cooperation with the Italian NGOs and by the support of Kurdistan Regional Government, Ministry of Health keeps on the projects of 2011 to treat the patients and train the local medical staff.

- In 2011 Heevie sent **(29)** patients to Italy in cooperation with Italian Organizations.
- **5** patients have been sent to Al Sudan in cooperation with Emergency Org.
- **102** Patients have been operated in Kurdistan by the Italian team.
- **2105** patients have been examined in Kurdistan by Italian Medical Teams and Local trainee Doctors.
- **3** Trainees local medical Doctors sent to Italy or other country in cooperation with Italian Organizations.
- **136** Local medical Doctors trained on the job in Kurdistan by Italian Medical Teams.
- **25** Professional medical Italian works in Kurdistan several times.

## Activities:

### 1- Italian NGOs Visits Kurdistan, 2011

In this year many Italian NGOs and Medical Teams visited Kurdistan, the Italian Medical Team that visited Kurdistan in 2011 to examine the patients and chooses the urgent cases consisted of the following Specialization:

No.	Name	Profession and Institution	Gender	Nationality
1	Iole Pinto	President SIA – Solidarity Initiatives Association	F	Italian
2	Renato Scarinci	Prenatal Diagnosis Center Teaching Hospital of Siena	M	Italian
3	Irene Zerbetto	Gynecology Dpt. from Siena Hospital	F	Italian
4	Stefania Cresti	Microbiologist: microbiology lab Teaching Hospital of Siena	F	Italian
5	Luca Scali	Health Cooperation Director - Siena	M	Italian
6	Alessia Carrozza	Obstetrician	F	Italian
7	Innocenzo Bianca	Cardiologist- San Vincenzo Hospital-Taormina	M	Italian
8	Michele Biserni	Orthopaedical Surgeon –Poggibonsi Hospital	M	Italian
9	Ilja Gardi	MD Health International Manager Manatena Onlus	M	Italian
10	Gianluca Oricchio	MD Cardiovascular surgeon & Health Project Manager Manatena Onlus	M	Italian
11	Aziz Sardar	International relations Advisor Manatena Onlus	M	Italian
12	Luca Grimaldi	(Italy) Head of Plastic Surgery Dpt. Teaching Hospital of Siena	M	Italian
13	Luca Rosato	Plastic Surgeon: Plastic Surgery	M	Italian
14	Mario Messina	Head of Pediatric Surgery Dpt. Teaching Hospital of Siena (Italy)	M	Italian
15	Giovanni Di Maggio	Pediatric Surgery Dpt. Teaching Hospital of Siena (Italy)	M	Italian
16	Rossella Angotti	Pediatric Surgery Dpt. Teaching Hospital of Siena (Italy)	F	Italian
17	Alessandro Frigiola	Heart surgeon, Director San Donato Hospital & Bambini Cardiopatici nel Mondo Founder	M	Italian
18	Marco Di Terlizzi	President bambini Cardiopatici nel Mondo Association	M	Italian
19	Cinzia Sasso	La Repubblica newspaper journalist	F	Italian
20	Donald Weber	European children heart organization	M	Canada
21	Jiyan Ali Aziz	Emergency Doctor – National Health Organization- Unit of Siena	F	Italian
22	Halkwat Noori	Heart surgeon, Director San Donato Hospital	M	Iraqi
23	Dr.Simone De Santi	Italian Consul in Erbil	M	Italian

## 2- Treating Patients in Italy,2011:

The total of patients sent to Italy in cooperation with Italian Organizations in 2011(29) patients,shows in the table below:

No.	Diseases	Treatment Destination	Total
1	Paediatric Surgical Diseases	Italy-Siena in cooperation with SIA Org.	10
2	Paediatric Surgical Diseases	Italy-Roma in cooperation with SIA Org.	1
3	Haematological Diseases	Italy-Siena in cooperation with SIA Org.	1
4	Congenital Heart Diseases	Italy-Milano in cooperation with Associazione Cuore Fratello, SIA Org.	10
5	Congenital Heart Diseases	Italy-Roma in cooperation with RedCross & SIA Org.	1
6	Congenital Heart Diseases	Italy-Torino in cooperation with Torino Hospital & SIA Org.	6
<b>Total</b>			<b>29</b>



**Congenital Heart Diseases Patients in Italy-Milan- San Donato Hospital**



**Congenital Heart Diseases Patients in Italy-Milan- San Donato Hospital**



**Paediatric Surgical Patients  
in Siena Hospital-Italy**

### 3- Treating the Patients in Al Sudan in cooperation with Emergency Org., 2011

The total of patients sent to Al Sudan in cooperation with Emergency in 2011(5) patients, shows in the table below:

No.	Diseases	Total Patients
1	Congenital Heart Diseases	5
	<b>Total</b>	<b>5</b>



**Congenital Heart Diseases Patients in Al-Sudan Al Salam Hospital**

#### 4-Treating the Patients in Kurdistan by the Italian teams, 2011

The total of patients operated in Kurdistan by Italian Medical Teams in 2011: (102) patients, shows in the table below:

No.	Diseases	Supportive Side	Total Patients
1	Congenital Heart Diseases	In cooperation with SIA Org.	32
2	Paediatric Surgical Diseases	In cooperation with SIA Org.	32
3	Plastic&Reconstructive Surgical Diseases	In cooperation with SIA Org.	30
4	Orthopaedical Diseases	In cooperation with Poggibonsi Hospital	8
	<b>Total</b>		<b>102</b>

## 5- Evaluation and examining patients by Italian Medical teams in Kurdistan, 2011

The total of patients Examined in Kurdistan by Italian Medical Teams and Local trainee Doctors in, 2011: (2105) patients, shows in the table below:

No.	Diseases	City	Total
1	Congenital Heart Diseases	Duhok	610
		Kirkuk	305
		Erbil	395
		Sulaymania	314
Total Each Diseases			1624
2	Paediatric Surgical Diseases	Duhok	161
		Kirkuk	2
		Erbil	8
		Sulaymania	4
Total Each Diseases			175
3	Plastic&Reconstructive Surgical Diseases	Duhok	176
		Kirkuk	1
		Erbil	7
		Sulaymania	
Total Each Diseases			184
4	Orthopaedical Diseases	Duhok	115
		Kirkuk	
		Erbil	7
		Sulaymania	
Total Each Diseases			122
Total			2105

## 6- Training the Local Medical staff in cooperation with Italian organizations:

- 3 Trainees local medical Doctors sent to Italy or other country in cooperation with Italian Organizations.
- 136 Local medical Doctors trained on the job in Kurdistan by Italian Medical Teams.



**Report of Dr.Qadir M.Salih (Pediatric surgeon) sends by Heevie Org. For training in Italy:-**

In the period of March 26 to April 6 of 2011, I was in a training course in Pediatric Surgery Center in Siena Italy, where a number of Pediatric Surgical operations had been conducted for some of very complicated cases. Five of these patients were from Kurdistan with very serious health problems. The surgical operations were implemented by Prof. M. Messina and Mr. Adrian Bianchi from U.K., who is one of the pioneers in the field of pediatric surgery. I had attended these operations and observed the techniques and the steps used during the operations process which were very useful and significant. The pre-operative and post-operative follow up techniques and means for operated patients were absolutely magnificent. The next mission for Prof. Messina in Kurdistan such operation will be possible and we can follow up the patients post operatively. I brought back with me video records of the all operations conducted which are about 75 hours, with which my colleges in the center of pediatric surgery in Duhok can review and we can discuss many issues while watching these operations. During my visit I discussed with Mr. Bianchi many aspects regarding our pediatric surgery center in Duhok and he kindly gave me many good advices and recommendations to improve the performance and increase the quality of the operations and improve the outcome and the long term prognosis. Below are some of the pictures of the patient before, after operations and in the operating room.

**Dr.Qadir M. Salih / Pediatric surgery center / 8th April 2011**



**Dr.Qadir with our patients in Italy-Siena**

## 7- Paediatric, Gynecology and Microbiology improvement mission to Kurdistan Region 14-20 May 2011

Heevie in coordination with SIA NGO and in cooperation with General Directorate of Health in Duhok has received an Italian Medical Team from Siena, Italy on 14th of May 2011 that has visited to promote health sector in the fields of Gynecology, Prenatal and Microbiology through training on job.

In this mission (54) of the local medical staff received training on the job. The medical team consisted of the following personnel and specialties:

No.	Name	Profession and Institution	Gender	Nationality
1	Iole Pinto	President SIA – Solidarity Initiatives Association	F	Italian
2	Renato Scarinci	Prenatal Diagnosis Center Teaching Hospital of Siena	M	Italian
3	Irene Zerbetto	Gynecology Dpt. from Siena Hospital	F	Italian
4	Stefania Cresti	Microbiologist: microbiology lab Teaching Hospital of Siena	F	Italian
5	Luca Scali	Health Cooperation Director - Siena	M	Italian
6	Alessia Carrozza	Obstetrician	F	Italian

The team that consisted of the above mentioned specialties has started conducting activities throughout their different fields and split into four groups. Each group met and coordinated with their local counter parts to invest the time and efforts for better results in such a short time of visit.

## **Medical Team Activities:**

### **15/05/2011 Activities**

#### **Visiting the New Cardiac Center in Azadi hospital:**



On May 15th SIA, Health Cooperation Director in Siena and rest of the medical team visited Azadi hospital and has been received by Dr. Shakir Saleem Azadi Teaching Hospital Director and Dr. Talal Rasheed, deputy director.

At first a tour was made in the New Cardiac Center in Azadi hospital. Dr. Ashur Youhana the head of the center received the delegation and started touring them in the different parts and sections of the new center and explained the types of procedures that will be applied.

The Italian medical team made an assessment for future missions to conduct heart surgeries in the center and to train the local doctors and cardiologist on the job.

## Meeting in Azadi Hospital:



A meeting had been arranged in Azadi hospital for the visiting team with their counter parts as heads of departments and doctors operating in such sections. In the meeting Dr. Shakir Saleem the Director of Azadi Hospital warmly welcomed the visiting medical team and thanked the efforts that they are paying to promote health sector in Duhok Governorate especially in the fields of Gynecology, Heart Surgery and Labs. 23 local Medical Staff participated in the meeting.

Iole Pinto stated the main aims behind such visits to the attendants which were continuation of last year visit to promote health sector specially microbiology and labs in procedures and techniques. She expressed the main role of each specialty within the visiting delegation and purposes behind their visit to give clear picture about their next activities.

Iole had expressed that Directorate General of Health would have the opportunity to select some doctors to visit Italy for training specifically in the field of Early Detection of Childhood disabilities and Early detection of neurological diseases. The local attendant doctors had raised some suggestion for Italian delegation that help to promote procedures and techniques within their departments.

Dr. Irene introduced herself and Alessia and stated that they would like to visit some centers and hospital to find out how these centers are connected and what type of procedures are used beside monitoring the current procedures used to receive and deal with pregnant women that will help to modify the kind of help and training needed to improve gynecology section.

Dr. Stefania Cresti (Microbiologist) told the microbiology and labs staff who were participating in the meeting that she has prepared a presentation with all relevant techniques and steps that help improving the work at labs.

Luca Scali the health cooperation director in Siena introduced himself and his role that is understanding how to optimize next missions for prevention and congenital preventions and identifying the fields of cooperation.



Local media was present to cover the event and interviewed Iole Pinto who explained the main purposes of such visits to Kurdistan Region – Duhok Governorate and illustrated the types of activities that will be conducted for improvements in the field of Early Detection of Childhood Disabilities, Pregnant Women Health, follow up procedures, Microbiology and labs which will help to prevent many types of diseases and give opportunities for more accurate diagnosis of such diseases.

## Microbiology Team 15/05/2011:



Dr. Stefania separately met with local staff of microbiology and laboratories at Azadi hospital. She explained to them that according to her last visit to the labs in Duhok Governorate she has prepared a presentation that includes all the related information and links to the standard protocols used in Italy and other countries that may help to improve labs and microbiologists work implementation.

The local staff suggested that Dr. Stefania visits the labs as a first step to find out what has changed since last year then identify the rest of actions and procedures that need to be applied for further improvements. 5 local medical staff participated in the meeting.

## Visit to the mobile clinic (MOPSET):

The Italian delegation made a visit to the mobile clinic (MOPSET) that was dedicated from MedChild Organization in Italy through SIA and Heevie .

The MOPSET that is equipped with very high technology is used for telemedicine, which allows the local doctors in Duhok to interact with their counterparts in Italy besides the normal usage that is providing cure for patients in rural areas.



**16 /05/2011 Activities - Cooperation Agreement between Directorate General of Health in Duhok , Directorate of Health in Siena Italy , SIA Org. and Heevie Org.**



On May 16th Dr. Abdullah Saeed Director General of Health in Duhok received the Italian delegation at his office. He thanked the medical team for the efforts of improving health sector in Duhok Governorate. Health Cooperation agreement between Directorate General of Health in Duhok, Directorate of Health in Italy, Heevie and SIA Org. Cooperation Agreement between the City of Siena, the organization Heevie , the Association Solidarity Initiatives Onlus IS of Siena, the University Teaching Hospital of Siena and the General Directorate of Health of Duhok for the care of children in the Region of Iraqi Kurdistan.

The agreement included the care of children with congenital disorders of gastro intestinal and urogenital and training of local staff. Transfer the urgent cases that are evaluated clinically in previous missions in Kurdistan Region to Siena Pediatric Teaching Hospital for treatment. the University Teaching Hospital of Siena to give authorization to accept children from the Autonomous Region of Iraqi Kurdistan suffering from serious illnesses that require pediatric surgery at the Pediatric Surgery University Hospital of Siena, up to a maximum of 20 patients per year for the first two years (2010 - 2011).

Heevie will provide logistic support to the patients and families including travel preparations hold contacts and updates information to be provided to SIA that will engage in Italy of providing support and assistance during patients residency in Italy for treatment. Dr. Abdullah Saeed Director General of Health, Miss Bakhshan Ali Heevie Manager and Iole Pinto SIA President signed the agreement and exchanged drafts. Local media was present to tape the signing procedures. A while after the medical delegation restarted their normal activities with their local counterparts.

**Microbiology Team 16/05/2011:**



**Dr. Stefania Cresti met Azadi and Central Lab Microbiologists in the conference room at Azadi Hospital. She made an over view on her evaluation of last year and presented a power point presentation that contained the standard procedures, steps and techniques that are used in Italy and developed countries.**

**The presentation included links of internet that enable local microbiologists to have access to the most recent standardized procedures in the labs. The local Doctors have raised many question and asked for more help and consultancy.**

**28 local doctors, college of medicine lectures, microbiologists and lab professionals attended the presentation.**

**Prenatal Diagnosis Team 16/05/2011:**



**Dr. Renato Scarinci and Luca Scali visited the premature section in Azadi hospital and met with doctors and medical personnel working the section.**

**Dr. Renato checked some premature babies and asked for the type of procedures used to diagnose prenatal anomalies.**

**They made a tour in the section and made an assessment of the section to Identify the needs and type of training needed to improve the offered services and treatment.**

**Gynecological and Obstetric Team 16/05/2011:** Dr. Irene Zerbetto and Alessia Carrozza with Dr. Vian Sabri, Dr. Eman and Dr. Muna detected about 15 pregnant women at Heevie using Ultra Sound device.



## 17/05/2011 Activities

### Microbiology Team

Dr, Stefania Cresti visited Azadi Hospital Laboratory and met with operation personnel technician and doctors. She made and evaluation of the laboratory current techniques to find out the improvements taken place since last year mission of evaluation. Attended by 12 microbiologists, bacteriologists, University lectures, teachers and doctors, Dr. Stefania presented a workshop on the type of modals and standard techniques used at laboratories to better diagnose and identify diseases. The attendants raised many questions and conducted discussions with Dr. Stefania.



## Prenatal Diagnosis Team 17/05/2011:

Dr. Renato and Luca visited the center of Early Detection of Childhood and disabilities in Duhok. They met with the head of the center who illustrated the type of support and treatment they offer at the center. The team aimed to understand the needs of the center and ways of help and support that will fit improving the services and treatment as Luca scali is the Health Cooperation Director in Siena.

The team extended their visit to the office of Dr. Sarwar Sideeq the head of planning section in Duhok Directorate General of Health. They intended to know about the future plans and the types of training and support required implementing such types of plans in the future.



**Gynecological and Obstetric Team 17/05/2011:**



The team visited Azadi Hospital, Gynecology section and met with Gynecologists working the section as well as Ultra sound detectors.

Dr. Irene and Alessia Carrozza coordinated with Dr. Asima Mohammed and detected 5 pregnant women. They made a visit to the delivery room at Azadi Hospital and checked some of the records of the section to have better idea about the cases and numbers that are received in the section.

The team made another visit to Barzan delivery center in Duhok just to have an overview about the center.

## 18/05/2011 Activities

All the Teams visited, Qasrook, Gulan Hospitals and Aqra General Hospital



The Italian Medical team visited several hospitals in Aqra area and started with Qasrook hospital they met the Manager Dr. Barzan Khalid who started explaining the nature of the work at hospital and types of the cases they are dealing with. The team made a tour in the various sections.



Gulan Hospital in Aqra that was recently constructed was one of the hospitals that medical delegation visited. They met the manager Dr. Salim Khateeb and heads of the section. Dr. Raad Abdulrahman took the delegation in a tour inside the hospital.



The final visit was to Aqra General Hospital in city center where the team met with Hospital director Dr. Basheer Qasim and heads of section. The local Medical staff of Aqra Hospitals consisted of 7 Doctors.

### 19/05/2011 Activities

Final meeting at Azadi Hospital with local Heads of Section and doctors to reveal assessment, Dr. Shakir Saleem Azadi Hospital Manager, his Deputy Dr. Talal Rasheed and 14 heads of section, microbiologists, Gynecologists and obstetricians met with Italian Medical team to have a feedback about their current mission assessment and recommendation to improve the labs, gynecology and prenatal diagnosis sections.



### **Microbiology Team:**

Dr. Stefania illustrated that since her last visit to laboratories in Duhok Governorate she had specified some issues that needed to be implemented for the improvement of quality and services provided.

- Most of the recommended issues had been done and lab is for now is offering a good quality of services.
- but yet the clinical diagnosis is really essential for more accurate results.
- She recommended for this time to establish a network among all laboratories and microbiology departments.
- The central lab should be a reference point for Microbiology Department in the College of Medicine, University of Duhok.
- Continuous update of laboratories
- Establish a strong relation with diagnosis to ensure quality
- Start up with standard procedures at all levels

Local Microbiologists working in Azadi Teaching hospital asked for support to conduct the following:

- Guidelines of diagnostic procedures that are currently followed in Italy to compare with the current used one in Azadi hospital
- Establishment of External quality control. Support is needed to implement this.
- Connection and coordination of local labs with their counter parts in Italy
- Training and exchange expertise with Italian laboratories.

### **Gynecological and Obstetric Team:**

Dr. Irene stated that during her current visit she recommended and advised for the following:

- Most of the women especially in country side don't regularly visit Gynecologists, there should be some way to control these women who needs to be controlled and detected.
- Follow up screening test and Italian side will provide support.
- Control the number of anomalies using data analysis

### **Prenatal Diagnosis Team:**

Dr. Renato started praising the pediatric doctors in Azadi hospital and stated that they are really good tem but at the same time he recommended the following:

- Diagnosis of thalassemia in Early detection of childhood.
- Establishment a genetic laboratory is essential.

Local gynecologists have suggested the following to prevent and early detect some congenital diseases:

- Providing training for the usage of 4D Ultrasound machine and Doppler.
- Training specialized doctors to diagnose fatal echo cardiograph.
- Training local doctors to conduct Amniocentesis and cordocentesis tests with help of ultrasound devices.

### Visit to college of medicine:



Dr. Stefania made a quick visit to college of medicine and met with the dean then made tour in college of medicine laboratory and checks the techniques and procedures used in teaching process.

### Visit to Technical Institute in Duhok:

The whole team paid a visit to Technical Institute in Duhok, Health Institute, Obstetrics department where they met the head of the department who illustrated about the nature of the teaching in such department and curriculum used to teach students. This visit was made to better understand the needs, connections and references by which pregnant women will need during pregnancy and to find out potential fields of providing help and support to improve gynecology departments.



## 8- Italian Cardiac Catheterization Mission - 8/06/2011 to 17/06/2011

Heevie in coordination with SIA organization and Directorate General of Health in Duhok Governorate receive an Italian medical delegation that is visiting Kurdistan Region- Duhok Governorate for promotion the health sector and to perform operations for Congenital Heart Disease for the period from 8/06/2011 to 17/06/2011.

The team conducted many meetings with the president of the University of Duhok Dr. Ismat Mohammed Khalid, the Director General of Health Duhok Dr. Abdullah Saeed, the Dean of the Faculty of Medicine Dr. Arif Younis, and the Deputy of Azadi Hospital Dr. Talal Rasheed.

The Activities done by the delegation team:

- **28** Cardiac Catheterization interventions for Pediatric cases.
- **6** Diagnostic Catheterization for Pediatric cases.
- **96** Examination of Echocardiogram
- **13** local team trained on the job

The Cardiac Catheterization Team consists of the below personnel and specialties:

No.	Name	Profession and Institution	Gender	Nationality
1	Innocenzo Bianca	Cardiologist- San Vincenzo Hospital-Taormina	M	Italian
2	Eman Hesin	Cardiologist-Kirkuk Azadi Hospital	F	Iraqi



**Dr. Innocenzo Bianca with Bakhshan Ali, Dr. Ismat Mohammed Khalid, Dr. Arif Younis and Dr. Talal Rasheed**



**Cardiac Catheterization Team**

## 9-Italian Orthopedic Medical Mission - 11/06/2011 to 17/06/2011

Heevie in coordination with Poggibonsi Hospital and Directorate General of Health in Duhok Governorate receive an Italian medical delegation that is visiting Kurdistan Region-Duhok Governorate for promotion the health sector and to perform operations for Orthopedic Diseases children for the period from 11/06/2011 to 17/06/2011.

The team conducted many meetings with the president of the University of Duhok Dr.Ismat Mohammed Khalid, the Director General of Health Duhok Dr.Abdullah Saeed, and the Director of Emergency Hospital Dr.Abdullah Nabi Salih, also Dr.Biserni participates every morning in the (Grand Tour) to discuss the cases.

The Activities done by the delegation team:

- 8 Operations of different Orthopedics cases
- 67 Examination of Orthopedics cases
- 10 local team trained on the job

The Orthopedic Team consists of the below personnel and specialties:

No.	Name	Profession and Institution	Gender	Nationality
1	Michele Biserni	Orthopaedical Surgeon –Poggibonsi Hospital	M	Italian
2	Jiyan Ali Aziz	Emergency Doctor – National Health Organization- Unit of Siena	F	Italian



The president of the University of Duhok Dr. Ismat Mohammed Khalid & the Director of Emergency Hospital Dr. Abdullah Nabi Salih



Orthopedic Team

Heevie examined (47) Orthopedic Diseases patients to be ready for the Italian orthopedic team in June mission. The patients examined by Dr.Arkan Ahmed.



## 10- Italian Pediatrics Congenital Heart Diseases Team visiting Duhok (16.10.2011 to 18.10.2011)

Continuation to the efforts that Heevie is paying to upgrade, modernize and standardize the heart center in Kurdistan Region with similar counterparts in the world and an attempt to train the local staff by most sophisticated Italian teams, Heevie had invited an Italian delegation to Kurdistan Region Duhok Governorate representing institutions and NGO's that are working in field of pediatric heart surgery in coordination with General Directorate of Health and the Director General Dr. Abdullah Saeed.

The delegation is joint effort represented by:

- 1- Alessandro Frigiola, Heart surgeon, Director San Donato Hospital – Bambini Cardiopatici nel Mondo Founder
- 2- Marco Di Terlizzi, President bambini Cardiopatici nel Mondo Association
- 3- Cinzia Sasso, La Repubblica newspaper journalist
- 4- Donald Weber, European children heart organization

The visiting people are aiming to evaluate Azadi Center for Heart Disease that is newly built and equipped by health authorities in Kurdistan Region and Duhok Governorate, to start implementing the agreement that is signed among Heevie with San Donato Hospital in Milan – Italy, General Directorate of Health in Duhok, Duhok University, Children's Heart Organization, and Solidarity initiatives on September 2011, for conducting heart surgeries and training local health professionals on job by Italian Medical teams.

Heevie in plying the role of coordinator and focal point for the above mentioned institutions and organizations and Directorate General of Health in Duhok and the rest of Institutions and authorities in Kurdistan Region.



Heevie pays great efforts to keep the congenital heart diseases data all over Kurdistan Region updated for any future visit, mission or usage.

Heevie plays the role of the main contact and source of information and data for all Italian Medical Teams and Health institutions.

Heevie had contacted some congenital heart diseases patients to be inspected and evaluated by Italian team that had been hosted by Heevie in Duhok.



The Italian team with assistance of local physician that had been trained in Italy previously evaluated some cases and elaborated the future needs of the mission to provide treatment to the examined patients.

Such inspections are ultimately important for both patients and medical teams to conduct operations and provide treatment within scheduled future missions.



Heevie headed by Miss Bakhshan Ali, Heevie Manager, accompanied the Italian delegation and paid a visit to Directorate General of Health in Dohuk and met with Dr. Abdullah Saeed the Director General. During the meeting Professor Fregiola explained the main goal of his visit to Kurdistan Region that is assist the local patients to get proper treatment locally. Dr. Abdullah Saeed warmly welcomed the delegation and explained the urgent need for treatment for congenital heart diseases affiliated children and offered all the possible support to enhance the treatment and develop kinds of cure and services offered.

Professor Fregiola proposed assistance to conduct four future missions to operate local patients and train local physicians on the job. Dr. Abdullah Saeed, Bakhshan Ali and Professor Fregiola signed an agreement to conduct the mentioned number of the visits in the future.



The delegation had visited Azadi Heart Diseases center and made a tour in its section that will be used for future mission of conducting operation by the visiting delegation.

They met with center working personnel and explored the efficiency of the center. At the same time they checked some patients in the center and followed the various type of medical services offered to the resident patients.

## 11-Tow Italian Medical Delegation Visit Duhok to Cure Pediatrics Surgical Diseases and Plastic & Reconstructive Surgical Diseases, from 14th Nov. till 25 Nov. 2011.

With an invitation from Heevie Org. in coordination with SIA Org. and in cooperation with Kurdistan's Ministry of Health, Directorate General of Health- Duhok Governorate, two Italian medical teams from Siena – Italy visit Duhok to conduct interventions for a group of children.

Those children have been chosen by Italian doctors previously among the statistics that collected since 2005 by Heevie Organization in cooperation with SIA and from all governors.

This large number of patients has been examined by the Italian team and local doctors trained in Kurdistan on the job in Duhok Hospital.

Worthy to mention that since 2007 this team visits Kurdistan fifth times and they do till now:

- **146** operations for Pediatric Surgical patients have been done in Kurdistan and **49** in Siena-Italy.

- **54** operations for Plastic & Reconstructive Surgical have been done in Kurdistan.

### Pediatrics Surgical Team

The team consisted of the following:

No.	Name	Profession and Institution	Gender	Nationality
1	Mario Messina	Head of Pediatric Surgery Dpt. Teaching Hospital of Siena (Italy)	M	Italian
2	Giovanni Di Maggio	Pediatric Surgery Dpt. Teaching Hospital of Siena (Italy)	M	Italian
3	Rossella Angotti	Pediatric Surgery Dpt. Teaching Hospital of Siena (Italy)	F	Italian

**(175)** Pediatrics Surgical Diseases patients have been Examined, **(32)** operations done in Heevie pediatric Hospital in Duhok and **(38)** local medical Staff trained on the job.



**Pediatrics Surgical Team**

## 12- Plastic & Reconstructive Surgical Team

- (184) Plastic & Reconstructive Surgical Diseases patients have been Examined
- (30) Operations done in Burn and Plastic Surgery Hospital in Duhok
- (21) local medical Staff trained on the job



The team consisted of the following:

No.	Name	Profession and Institution	Gender	Nationality
1	Luca Grimaldi	Plastic Surgeon:Head of Plastic Surgery Dpt.Teaching Hospital of Siena	M	Italian
2	Luca Rosato	Plastic Surgeon: Plastic Surgery Dpt. Teaching Hospital of Siena (Italy)	M	Italian



Plastic & Reconstructive Surgical

## 13-Italian NGOs Visits Kurdistan –March 2011

In this month the Italian NGOs visited Kurdistan, consisted of the following Specialization:

No.	Name	Profession and Institution	Gender	Nationality
1	Ilja Gardi	Cardiologist	M	Italy
2	Sardar Ali Aziz	Secretary of the Kurdish-Italian Cultural Association	M	Italy



**Iraqi Minister of Health, Kurdistan Region Minister of Health, Dr. Ilja Gardi , Bakshan Ali, Sardar Ali**

On March 19 Th., In coordination with Heevie represented by Dr. Bakshan Ali, both Ministers of Health, Central Government of Iraq Dr.Majeed H.Amin and KRG Dr.Tahir Hawrami have nominated Dr. Ilja Gardi, as Project Manager, responsible of the coordination with the Italian Institutional bodies such as the Italian Ministry of Foreigners Affairs, Universities, Hospitals and any party that may be expedient to achieve the Health projects. The appointment has duration of 3 years since the formal acceptance by the Manager.



**Duhok Cardiac Surgery Center/ Dr. Ilja Gardi and Director of the Hospital Dr.Ashur Youhanna**



**Bile Hospital / Dr. Ilja Gardi and the Director of the Hospital Dr.Rebwar Navdary**

Dr. Ilja Gardi former Government Commissioner of IME foundation and CEO of Medchild foundation now International manager GVM Italian Health Trust Group, Advisor of Manatena Onlus and promoter of the Health By Italy Health Cluster, has been Project Manager of institutional health project between Iraq and Italy from 2006-2010 and have proved organizational capacity and direct knowledge of planning and organization of Health Services; has acquired during the missions a deep knowledge of main health infrastructure and of Health organization of the Region; and being Italy Team Leader to the IRAQ Health Conference in Washington on may 2008. During his visit Dr. Ilja Gardi met with General Director of Health –Duhok Government Dr.Abdullah Saeed and visits the new Duhok Cardiac Surgery Center. Also Dr.Gardi visits the new Hospital of Bile in Erbil and Met the Director of the Hospital Dr.Rebwar Maen Tahir Navdary.

## 14-Manatena Onlus delegation visit Heevie Organization

A delegation from Manatena Onlus Italia visit Kurdistan Region of Iraq Sep.2011. The delegation consisted of the following gentlemen.

1. Ilja Gardi MD Health International Manager Manatena Onlus; Head delegation
2. Gianluca Oricchio MD Cardiovascular surgeon and Health Project Manager Manatena Onlus
3. Aziz Sardar: International relations Advisor Manatena Onlus



26 Sep. 2011, Duhok - Heevie Org.

The Italian delegation visited Heevie and met with President Bakshan Ali. Heevie had prepared a presentation that included all the activities and projects conducted by Heevie since 2006. The main purpose behind the presentation was to enlighten the Italian delegation with kind of activities, hard work and difficulties that had faced Heevie during its efforts helping people of Kurdistan and Iraq.

The presented information was empowered by numbers and justification. Heevie NGO made it very clear that collecting data and going wide all over Kurdistan Region and Iraq is an extreme difficulty for the lack of data, infrastructure, census and financial capabilities. Dr. Ilja Gardi and Dr. Oricchio admitted that what Heevie had conducted is an amazing effort that no any other NGO all over the world could conduct. The ultimate aim behind the meeting and presentation was to strength and empower coordination, cooperation and partnership between Manatena Onlus Italia and Heevie especially in the future plans in which Heevie due to its expertise can offer a lot facilitates. After a while of discussions and exchanging ideas and raising questions, both sides agreed to sign a letter of Intent, which is a basic a path way for future MoUs and agreements that would specify the roles and responsibilities of each side. Dr. Ilja Gardia and Miss Bakshan Ali Aziz signed the letter of Intent and expressed their readiness for better cooperation and coordination on all the related fields in the future.

## Meeting Erbil Governor:



**25 Sep.2011 Erbil – Erbil Governor Mr. Nawzad Hadi Mawlood**

On 25.Sep. in accompany and coordination with Heevie , both parties paid a visit to Erbil Governor Mr. Nawzad Hadi Mawlood in his office at Erbil Governorate building.

Mr. Nawzad Hadi received the delegation and expressed his gratitude to the visitors; Mr. Nawzad Hadi expressed thanks of Kurdistan Region people to the Italian efforts in helping to cure the children.

Erbil governorate media was available to cover the visit. Manatena delegation shakes hands with Governor and took photos in an indication for the cooperation between all parties.

## Visiting Sulaymania Cardiac Center:



25 Sep.2011 Sulaymania- Cardiac Center

Same day afternoon the delegation headed to Sulaymania City and visited Sulaymania Heart Diseases Center. They were received by Dr. Shikar Raouf Saeed and Alan Abdullah Abdulrahman started a tour in the different sections of the center to evaluate the general conditions and the possibilities to conduct future operations and training missions. Dr. Ilja Gardi and Dr. Orrichio gained a negative impression on the center and recommended the administration of the center the ways of improving the situations and services to better serve patients and society.

## »Visiting Duhok Cardiac Center:



26 Sep.2011 Duhok - General Director of Health

On September 26th Dr. Gardi, Dr. Orrichio and Sardar Ali accompanied with Miss Bakshan Ali, Heevie Manager visited Directorate General of Health in Duhok Governorate and received by Dr. Abdullah Saeed the General Director. During the visit Dr. Ilja Gardi introduced Dr. Orrichio and explained the purpose behind his visit to Kurdistan Region that is helping to improve health capacity in Iraq and Kurdistan Region and estimating the possibilities of using the current heart centers for future missions. Dr. Abdullah Saeed welcomed the delegation and expressed the readiness of health authorities in Duhok providing all the necessary facilities for future visits.



**Sep.2011 Duhok - Azadi Heart Center**

The delegation headed to Azadi Center for Heart surgery and diseases. They were received by Dr. Ashour Yohana head of the center and some other working personnel in the center. The delegation made a tour in all the parts of the center and detected the newly built and equipped heart center. They asked questions and raised inquiries to the management personnel in an attempt for actual assessment to conduct heart surgeries and training local staff and other professions operating in the mentioned center.

### **Meeting with the University of Duhok:**



**26 Sep.2011 Duhok – Duhok University Presidency**

A meeting was arranged for the delegation to meet with Duhok University presidency represented by Dr. Rund Hamoudy, Dean of college of Medicine Dr. Arif Younis and some other academics in the building of Duhok University Presidency. Dr. Rund started the session welcoming the guests. Dr. Ilja Gardi gave an overview of the services that he, Italian NGOs and institutions had provided for people of Kurdistan since 2006. Then Dr. Gardi revealed his future plans and the purpose of meeting the academics of Duhok University that is cooperation between both sides through Heevie Org. to train doctors, professionals and other health sector working personnel on job locally and in Italy and transfer know-how and knowledge. The local meeting attendants raised some questions and finally thanked Dr. Gardi and the delegation for their visit and the help they are trying to provide.

## Visiting Erbil- Hawler Cardiac center:

On September 27th the delegations visited Hawler Cardiac Center in Erbil city and were received by Dr. Kamil Namiq the head of the center.

The visitors made a tour in visit similar to what they did in Duhok and Sulaymania to assess the center for future missions and training. Dr. Gardi, used to work in the mentioned center before and almost know a lot about the center, seek possibilities of using the facilities of the center for some future missions that Italian medical teams may conduct in the future, but yet he got some points and recommendations to the center management to standardize the procedures and regular steps followed in any cardiac center. Dr. Kamil Namiq thanked the visiting delegation and explained the difficulties, specially the technical ones that are facing the regular procedures.



## 15- Italian Consul paid a visit to Heevie Dec.2011



On December 11 Dr. Simone De Santi Italian Consul in Erbil paid a visit to Heevie office in Duhok. The Italian Consul was received by Miss Bakhshan Ali Aziz, Heevie Manager who warmly welcomed the guest and highly evaluated such a visit. During the visit Miss Bakhshan made a tour with Italian Consul in the various sections and explained the nature of the work that is conducted by Heevie starting with registration of patients throughout the procedures taken after.

Miss Bakhshan presented an overview to the Italian Consul about the history of starting the mission in Kurdistan and Iraq since 2005, type of the services presented, difficulties and obstacles and the needs of developing types of the services to the pediatric patients.

Miss Bakhshan explained the role and involvement of Italian NGOs and Entities into the process of providing free volunteer services to the children of Kurdistan and Iraq, specially the massive role of Dr. Iole Pinto from Solidarity Initiatives Association and Professor Ilja Gardi, Cardiac physician and Head of Italian Cluster for Health and Health Planner. Prof. Gardi was the first Italian who arranged for transferring patient children to be treated in Italy. Miss Bakhshan presented a precise report to the Consul that included statistics of the number of patients been treated and checked in Kurdistan and Italy.

Dr. Simone De Santi Italian Consul in Erbil expressed his happiness being in Duhok and visiting Heevie and said " I am very Impressed by what is achieved by Heevie specially when there are volunteer Italian health personnel involved in the process of develop the health situation in Kurdistan Region"

Dr. Simone De Santi Described his visit as an introductory one and asked for direct contact and cooperation between Heevie and Italian Consulate in Erbil and offered to exchange visits in the future.

Duhok TV local channel was present to cover the visit and interviewed the Italian Consul who expressed his pleasure visiting Duhok Governorate and specifically Heevie and expressed his happiness to the type of cooperation that is existing between Heevie and Italian entities and wished to have more Italian presence in working in various fields working in Kurdistan Region.

Both Italian Consul and Miss Bakhshan emphasized on the future cooperation and expressed readiness to offer assistance to help people of Kurdistan and Iraq.

## 2- Treating Patients inside Iraq

Heevie worked to treat the patients inside Iraq and Kurdistan region since 2005 in cooperating with Kurdistan Regional Government, Ministry of Health, Hospitals in Iraq and Kurdistan Region. In this year (1) Adult Cardiac Diseases patients operated in Sulaymania Hospital.

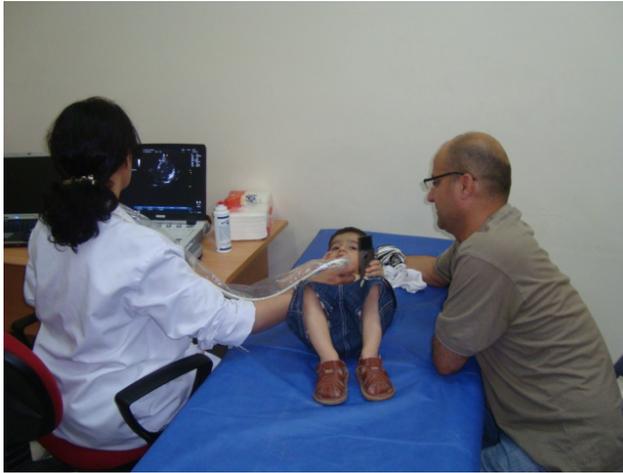
### 3-Registering and examining congenital Heart Diseases Children in Kurdistan region

Due to the large number of the children facing Heart Diseases Heevie in cooperation with SIA NGO took the initiative to build up a data base for Congenital Heart Diseases patients in Kurdistan, the process of collecting all the necessary data has taken lot of time, following up with patients and contacting their doctors and parents to update information on their current conditions to help out the patient and to set up plans for treatment.

Heevie in cooperation with the Italian Organizations (IME, Medchild, and SIA) and KRG, Ministry of Health started to examine the patients in Kurdistan by Italian doctors and also by our local doctors who already have been sent to Italy for training. The statistics collected by Heevie from all Northern Governorates reached **(6410)** children suffering from CHD.

In this year **(1624)** Congenital Heart Diseases children patients from Duhok, Sulaymania, Kirkuk and Erbil have been examined by the Italian team and our local doctors who already have been sent to Italy for training. Shown in the table below:

Examined Congenital Heart Diseases Patients			
No	Diseases	City	Number
1	Congenital Heart Diseases	Duhok	610
		Kirkuk	305
		Erbil	395
		Sulaymania	314
	Total		1624



Dr.Eman Hussein : Examining Patients 2011

The statistics collected by Heevie from all Northern Governorates reached **(6410)** children suffering from CHD showed in the following table's number 1, 2, and 3.

**Table No.1:**

<b>Statistics of Congenital Heart Diseases ,2011</b>		<b>Number</b>
1	Male	3198
2	Female	3212
	<b>Total</b>	<b>6410</b>
<b>City</b>		<b>Number</b>
1	Sulaymania	1432
2	Kirkuk	1377
3	Erbil	1484
4	Duhok	1653
5	Al-Anbar	10
6	Babil	5
7	Baghdad	42
8	Diyala	45
9	Mosul	305
10	Al - Muthna	1
11	Basra	5
12	Salah Al-Deen	48
13	Wasit	1
14	Al-Najaf	2
	<b>Total</b>	<b>6410</b>

**Table No.2:**

<b>No.</b>	<b>Statistics of Congenital Heart Diseases ,2011 /Patients Status</b>	<b>Number</b>
1	Patient have been operated and dont need another operation	1305
2	Patients have been operated Twice and dont need another operation	77
3	Patients have been operated Three Times and dont need another operation	4
4	Patients have been operated and need another operation	291
5	Patients have been operated Twice and need another operation	10
6	Patients healing Naturally (Hole Closed )	302
7	lost Patients	308
8	lost Patients after intervention	35
9	lost Patients lost after Two intervention	2
10	Deceased Patients	779
11	Deceased Patients During the Operation	32
12	Deceased Patients after the Operation	43
13	Patients have been operated Twice and Deceased During the second Operation	1
14	Patient didn't do operation	3221
	<b>Total</b>	<b>6410</b>
<b>Statistics of Congenital Heart Diseases ,2011/Treatment Destination</b>		
<b>No</b>	<b>Heevie Org.</b>	<b>Number</b>
1	Patients treated by Heevie in Italy in cooperation with SIA,IME,Medchild Org.	175
2	Patients treated by Heevie in Italy in cooperation with Associazione Cuore Fratello,SIA Org.	21
3	Patients treated by Heevie in Italy in cooperation with Torino Hospital & SIA Org.	6
4	Patients treated by Heevie in Italy in cooperation with SIA & RedCross Org.	12
5	Patients treated by Heevie in Al-Sudan in cooperation with SIA,Emergency Org.	18
6	Patients treated by Heevie in Kurdistan in cooperation with SIA,IME,Medchild Org.	258
7	Patients treated by Heevie in Iraq-Baghdad Hospitals in cooperation with SIA Org.	36
	<b>Total</b>	<b>526</b>

**Table No.3:**

<b>No</b>	<b>Other Organizations</b>	<b>Number</b>
1	Patients treated in Israel by Brother to gather & Millennium Relief and Development Services Org.	118
2	Patients treated in Al-Sudan by Emergency Org.	39
3	Patients treated in Italy by RedCross Org.	5
4	Patients treated by Save children Org.	50
5	Patients treated in Japan by Peace Wind Org.	1
6	Patients treated in Turkey by Turcoman Party	20
7	Patients treated outside by Iraqi Ministry of Health	18
8	Patients treated by Gift of Life Org.	8
9	Patients treated by Assyrian Medical Association	1
10	Patients treated by PLC American NGO	12
11	Patients treated by S.P American NGO	63
	<b>Total</b>	<b>335</b>
<b>Iraqi Hospitals</b>		<b>Number</b>
1	Patients treated in Hawler Cardiac Center - Erbil	464
2	Patients treated in Iraq-Sulaymania-Hospital	99
3	Patients treated in Iraq-Baghdad –Hospitals	87
4	Patients treated in Iraq-Mosul-Hospital	8
5	Patients treated in Iraq-Duhok-Hospital	5
	<b>Total</b>	<b>663</b>
<b>Patients treated outside Iraq on their Expenses</b>		<b>Number</b>
1	Patients treated outside Iraq on their Expenses	380
	<b>Total</b>	<b>380</b>

#### 4- Early Detection of Disability- Antenatal Diagnosis

In one of the humanitarian health projects that have been carried out by Heevie is the project “Screening for Early Detection of Disability”. The plan is to try new approaches and technologies in screening and diagnosing diseases in their early stages, thus, providing preventive procedures to avoid different types of diseases to develop in future among people.

Up to date technologies and techniques will be utilized in this project, the Italian Med Child Organization mobile hospital, which is equipped with sophisticated high-tech devices and tools, is one of new approaches to perform these tasks. The sophisticated, Italian donation, vehicle will arrange for go-around trips to perform screening tasks for so many people then decides proper solutions for cases detected.

Another ultra- sound device, which has been gifted form U.S Embassy in Baghdad, will be utilized for screening purposes to further ensure more people will take advantage of the project’s medical services.

The device is placed at Heevie office in Duhok and is going to be reachable for people to come down there and get the ultra-sound screening, blood tests and other related services. The project is capable to detect a wide range of diseases that need the previously mentioned devices and technologies to detect and diagnose them earlier to any case progressing.

The Project started screening 239 Thalassemia Disease patients and from 2010 to June 2011 with Health Care of Pregnant Women.

This project is aimed at health care of pregnant women and the fetus. The early detection of disease during pregnancy that threatens the health of the fetus and Prevention is the goal.

This project helps women who cannot afford regular check-ups during pregnancy.

The medical team is composed of a gynecologist, a physician sooner, a laboratory Technician, and a nurse.

The second part of this project that we started from September 2010 To June 2011 stopped in July 2011 because of financial difficulties in our budget, and this is the Statistics of the project shown in the table below:

<b>Antenatal Diagnosis Project : From September 2010 To June 2011</b>		
	<b>Description</b>	<b>Number</b>
1	Number of the Examinations 2010	439
2	Number of the Examinations 2011	742
3	Total Examinations	1181



Screenings pregnant woman in Heevie building



Screenings pregnant woman in Heevie building