



Heevie Health NGO

ريڤيراوي هيڤي يا ساڤلهي ريڤيراوي نه حكومي
منظمة هيڤي الصحية منظمة غير حكومية

Heevie Annual Report for 2010



Statistics:

The total patients have been examined or treated **(20839)** patients.

- **33** patients have been sent to Italy in cooperation with Italian Organizations.
- **3** patients have been sent to Al Sudan in cooperation with Emergency Org.
- **100** patients operated by Italian Teams in Kurdistan.
- **2147** patients have been examined in Kurdistan by Italian Medical Teams and Local trainee Doctors.
- **17878** patients treated in Mobile Medical Clinic Project.
- **239** Thalassaemia patients examined and **439** pregnant women's have been screened by Ultra-Sound and blood test through Early Detection of Disability Project.
- **4** local medical Doctors trained in Italy in cooperation with Italian Organizations.
- **143** Local medical staff and Doctors trained on the job in Kurdistan by Italian Medical Teams.
- **22** Professional medical Italian works in Kurdistan several times.

Projects:

- 1** - Treating Patients and Training the Local Medical staff in cooperation with Italian organizations.
- 2**- Mobile Medical Clinic.
- 3**- Creation of professional medical team of Paediatric Cardiac Diseases treatment through catheterization in Duhok.
The Period of the Project: 21.7.2008 - 30.4.2010.
- 4**- Early Detection of Disability.
- 5**- Registering and examining the Congenital Heart Diseases Children in Kurdistan Region.

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 2010 to treat the patients and train the local medical staff.

In 2010 Heevie sent **(33)** patients to Italy in cooperation with Italian Organizations.

- **3** patients have been sent to Al Sudan in cooperation with Emergency Org.
- **100** Patients have been operated in Kurdistan by the Italian team.
- **2147** patients have been examined in Kurdistan by Italian Medical Teams and Local trainee Doctors.
- **4** Trainees local medical Doctors sent to Italy or other country in cooperation with Italian Organizations.
- **143** Local medical staff and Doctors trained on the job in Kurdistan.
- **22** Professional medical Italian works in Kurdistan several times by Italian Medical Teams.

Activities:

1- Italian NGOs Visits Kurdistan, 2010

In this year many Italian NGOs and Medical Teams visited Kurdistan, the Italian Medical Team that visited Kurdistan in 2010 to examine the patients and chooses the urgent cases consisted of the following Specialization:

No.	Name	Profession and Institution	Gender	Nationality
1	Ilja Gardi	Med child Health Director - Med child	M	Italian
2	Iole Pinto	President SIA – Solidarity Initiatives Association	F	Italian
3	Mario Carminati	Cardiologist - San Donato Hospital	M	Italian
4	Enrico Musso	Project Manager MC	M	Italian
5	Carmelo Arcidiacono	Cardiologist - San Donato Hospital	M	Italian
6	Jiyan Ali Aziz	Physician – Emergency ASL7 - Health Centre of Siena	F	Italian
7	Innocenzo Bianca	Cardiologist San Vincenzo Hospital, Taormina	M	Italian
8	Elio Caruso	Cardiologist	M	Italian
9	Maria Gabriella Cicero	Cardiologist San Vincenzo Hospital, Taormina	F	Italian
10	Alessandro Frigiola	Heart Surgeon: San Donato Hospital -Milan	M	Italian
11	Halkawat Ali Nuri	Physician: Heart Surgery School University of Milan	M	Iraq
12	Salvatore Petralia	Physician – Diagnostic Analysis Laboratory-Siena Hospital	M	Italian
13	Renato Scarinci	Prenatal Diagnosis Center Teaching Hospital of Siena	M	Italian
14	Irene Zerbetto	Gynecology Dpt. from Siena Hospital	F	Italian
15	Stefania Cresti	Microbiologist: microbiology lab Teaching Hospital of Siena	F	Italian
16	Mario Messina	Head of Pediatric Surgery Dpt. Teaching Hospital of Siena	M	Italian
17	Giovanni Di Maggio	Pediatric Surgeon: Pediatric Surgery Dpt. Teaching Hospital of Siena	M	Italian
18	Francesco Ferrara	Pediatric Surgeon: Pediatric Surgery Dpt. Teaching Hospital of Siena	F	Italian

2- Treating the Patients in Italy, 2010

The total of patients sent to Italy in cooperation with Italian Organizations in 2010: (33) Patients, shows in the table below:

No.	Diseases	Total Patients
1	Haematological Diseases	6
2	Thalassaemia Diseases	5
3	Paediatric Surgical Diseases	11
4	Congenital Heart Diseases	11
Total		33



Paediatric Surgical Patients in Siena Hospital-Italy



Paediatric Surgical Patients in Siena Hospital-Italy



Mr. Abdul Aziz Taib Minster in Kurdistan Region visiting the children in Siena Hospital-Italy



Milan -Cuore Fratello NGOS with CHD patients

3- Treating the Patients in Al Sudan in cooperation with Emergency Org., 2010

The total of patients sent to Al Sudan in cooperation with Emergency Org. in 2010: (3) patients, shows in the table below:

No.	Diseases	Total Patients
1	Congenital Heart Diseases	3
	Total	3

4- Treating the Patients in Kurdistan by the Italian teams, 2010

The total of patients operated in Kurdistan by Italian Medical Teams in 2010: (100) patients, shows in the table below:

No.	Diseases	Total Patients
1	Congenital Heart Diseases	77
2	Paediatric Surgical Diseases	23
	Total	100

5- Evaluation and examining patients by Italian Medical teams in Kurdistan, 2010

The total of patients Examined in Kurdistan by Italian Medical Teams and Local trainee Doctors in, 2010: (2067) patients, shows in the table below:

No.	Diseases	City	Total
1	Congenital Heart Diseases	Duhok	401
		Kirkuk	203
		Erbil	726
		Sulaymania	395
	Total Each Diseases		1805
2	Oncological Diseases	Duhok	1
	Total Each Diseases		1
3	Ophthalmological Diseases	Duhok	2
	Total Each Diseases		2
4	Paediatric Surgical Diseases	Duhok	201
		Kirkuk	5
		Erbil	15
		Sulaymania	9
	Total Each Diseases		230
5	Neurological Diseases	Duhok	67
	Total Each Diseases		67
6	Orthopaedical Diseases	Duhok	2
	Total Each Diseases		2
7	E.N.T Diseases	Duhok	1
	Total Each Diseases		1
8	Psychiatric Diseases	Duhok	1
	Total Each Diseases		1
9	Gynecological&Obstetrical Diseases	Duhok	38
	Total Each Diseases		38
	Total		2067

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

- 4 Trainees local medical Doctors sent to Italy in cooperation with Italian Organizations.
- 143 Local medical staff and Doctors trained on the job in Kurdistan by Italian Medical Teams.



Heevie has paid efforts in connecting Health Sectors in Kurdistan and Italy on the Institutional level. Director General of Health Dr. Abdullah Saeed has visited Tuscany Region in Italy to hold better relations and cooperation with the Doctors and Hospitals of the region to provide more experience and assistant to Kurdistan local Doctors and Hospitals .Heevie sends to Italy-Siena 2 Doctors for training. Dr.Qadir Mohammed Salih, Paediatric Surgical Diseases and Dr.Raad Abdulrahman,Dermatological Diseases.During the period from 5th - 18th of June the doctor participate in a training course in Siena teaching hospital/ Italy, under the supervision of Proff. Mario Massina, it was crucially important and beneficial to did the following activities:-

- 1- Attending the operative room as observer while performing various operative procedures.
- 2- A ground round in the hospital and observing the way of managing pediatric patients cases.
- 3- Evaluation of the cases operated in last mission in Duhok.
- 4- Discussion with Proff. Massina and Mis. Iola the aspects that can help in developing pediatric surgery center in Duhok.

7- Congenital Heart Disease Mission / 22 - 25 January 2010:

Heevie had received the Italian Medical team of Congenital Heart Diseases, to conduct Catheterize interventions for some children in Kurdistan Region on 22nd of January up to 25th of January 2010. The interventions had been conducted in Azadi General Hospital in Duhok.

The mission was continuation of (Creation of Professional Medical Team for Pediatric Cardiac Diseases Treatment through Catheterization) Project in Duhok that was funded by Regional Reconstruction Team (RRT) of American Embassy in Iraq, in cooperation with Dr. Abdullah Saeed Director General of Health in Duhok, Heevie , Italian Organizations SIA and Med Child.

The mission had lasted for four days in which (15) Cardiac Interventions have been conducted in Azadi Hospital, (58) Patients have been examined and (19) local medical staff trained on the job.

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

Italian Teams – January 2010				
No.	Name	Profession and Institution	Gender	Nationality
1	Ilja Gardi	Med child Health Director - Med child	M	Italian
2	Iole Pinto	President - Solidarity Initiatives	F	Italian
3	Mario Carminati	Cardiologist - San Donato Hospital	M	Italian
4	Enrico Musso	Project Manager MC	M	Italian
5	Carmelo Arcidiacono	Cardiologist - San Donato Hospital	M	Italian

8- Med child and SIA NGO visit Kurdistan - 24th of January.

Official Meeting:

- Kurdistan Region Prime Minister: Dr. Barham Salih had received the Italian Medical Team and Heevie Manager at his office in Erbil on 24th of January. Dr. Barham highly appreciated the efforts that Italian Organization paid in helping Kurdistan Region people and thanked them for training local Doctor. Kurdistan Region Prime Minister asked for continuation of such Projects and wished that such cooperation elevated to higher levels.



Prime Minister Dr. Barham Salih received the Italian Medical Team and Heevie Manager

- Minister of Health in Kurdistan: Dr. Tahir Abdullah Hussein has received the Italian Team with Dr. Abdullah Saeed and Head of Heevie on the evening of January 24th. The Minister has discussed with the Team the ways of expanding the horizons of cooperation to upgrade the level of general health in Kurdistan Region and thanked the Italian Organizations for the valuable steps they have taken to treat patient children and train the local Medical Staff.



- Duhok Governor: Mr. Tamar Ramadan has met the Medical Team on 23rd of January. The Team has explained the main goal behind such a project and expressed their readiness to offer more assistance to help people of Kurdistan. The Governor thanked the Team and all the participants in the project for the efforts they are paying to help people of Kurdistan.



- Director General of Health: The Italian Medical Team has continued their meetings met with Dr. Abdullah Saeed Director General of Health in Duhok on 22nd of January. They discussed the importance of conducting catheterize interventions and the necessity of training local Doctors. Dr. Abdullah has expressed his gratitude for the delegation visit and asked for more cooperation.



➤ The Italian Delegation visited Med Child Mobile Hospital in Duhok-January 2010:

A visit had been paid to check out the mobile clinic that had been sent by MedChild. Manager of Heevie Miss Bakhshan Ali had explained the usage of the mobile clinic and the valuable services it offers to the people of rural areas. The delegation was pleased about the ways of using the mobile clinic and was impressed of the results it came out with.



- Heart surgery department : The Italian Delegation visits the new Heart surgery department in Azadi hospital -January 2010:



Heevie is always paying great attention to include experts with Directorate General of Health in Duhok projects.

Heevie had arranged a meeting between Dr. Abdullah Saeed DG of Health in Duhok MedChild Organization and the Italian visiting medical delegation that included Dr. Ilia Gardi who experience a lot in the field of constructing hospitals and extending them.

Dr. Gardi, Med Child and SIA organizations paid a visit to Azadi Hospital in Duhok. Accompanied with Dr. Abdullah Saeed, the visitors walked around to watch building processes of the new Heart surgery department in the hospital and have had an idea about the future plans for this line of surgeries and the possible ways for cooperation

9-Donation Comedy Show in Italy:



In the 30th of January Heevie representative in Italy Dr. Jiyan Ali Aziz with the Emergency Hospital Staff and with the Participation of Municipality of Colle Val D'Elsa prepared a donation Comedy Show (CIELO....MIO MARITO) in VARE Theater Colle Val D'Elsa-Tuscany .

The play has been acted by Emergency Hospital Staff (LA COMPAGNIA DELL'ACCADEMIA DEI RISORTI DI BUONCONVENTO). The revenues of the play were collected for donation for Heevie activities.



Municipality of Colle Val D'Elsa prepared a donation Comedy Show (CIELO....MIO MARITO) in Vare Theater Colle Val D'Elsa-Tuscany

10-Ultra sound device training :

Gala Company Technicians has provided an intensive training course to 6 Doctors working on Ultrasound device in Heevie office. The Ultra sound device had been previously purchased by RRT-US Embassy for Heevie Project to be used for screening the Early Detection of Disability.



11-Heevie has sent a letter to the Holiness of Pope Benedict XVI

On 17th of February Heevie had sent a letter to the holiness of Pope in Vatican. The letter has been carried by Mrs. Samira Qario one of employees with the help of Sr. Manuela LATINI and SIA Org.

The letter has been given to the pope hand to hand. The goal behind meeting and sending letter to the Pope was to ask for help for Kurdistan children who are carrying sever heart diseases.

Names of 500 urgent heart diseases cases have been attached to the letter. Heevie had asked the pope to take these children on his own custody to be treated in Italy as their treatment is currently not available in Iraq.

Hopefully the holiness of Pope will read the letter and will accept the request made by Heevie .





Heevie letter to Pope:

His Holiness Pope Benedict XVI, We pray to God that this letter finds you in good health. We Heevie work in coordination with a group of Italian very respectful non-governmental organizations to help children in Kurdistan Region of Iraq. As your holiness is aware about that Kurdistan were subject to many chemical weapons attacks in 1980s. Due to such crimes thousands of children in Kurdistan Region are suffering from various severe diseases, and death mercilessly is harvesting thousands of them. Kurdistan Region is unable to take care of these patient kids due to the current and past situations that Iraq went through including the international sanctions imposed by Security Council.

Congenital Heart Diseases is one of the most common diseases among children in Kurdistan. There are more than 10,000 cases of such diseases. In 2004 – 2005 the Red Cross sponsored 12 children to be cured, but a while after they stopped. Still some of the mentioned cases need treatment but there is no way to. We are by this letter conveying the needs of hundreds of children and their parents to you to help them out and custody them to be treated in Italy.

Most Holy Father, we are attaching with this letter names and photos of some urgent cases, to bring them to your attention hoping that your holiness can sponsor them to bring back hope to the children and their parents.

God's blessing be upon you.

Manager / Bakhshan Ali Aziz

12-Donation Party in Siena-Italy:

On 10th of February, Heevie has participated in a Donation Party hold by Costafabbri - Siena Monastery Foundation and SIA NGO. Heevie has prepared various Kurdish traditional foods for the attendants.

The attendants included the Manager of Siena Health Directorate, the Head of Italian Veterans, Pediatric Doctors who are paying visits to Kurdistan Region and others.



The Costafabbi - Siena Monastery Foundation & SIA has allocated the below Villa to our local Pediatric patients to reside in while getting treatment in Italy for the next 2 years.



Costafabbi - Siena Monastery

13-Heevie Participation in an Italian Documentary Movie about Kurdistan Region-Iraq / (Our Sky ...Our Land)



The 4th of February has been the date for the debut of a documentary movie (Our Sky Our Land) in Poggibonsi - Tuscany, Italy. The culture director general of the city attended the show together with Ms. Bakshan Aziz head of Heevie and Iole Pinto Head of SIA Org.





Our sky our land, a meaningful title given to an impressive 1 hour documentary movie that briefs a story of a nation, recites happy and sad moments of a decades-long strife in the life of its unrelenting people, the story of sparks of fire flying out from rifles' barrels asking for rights and defending identity, to another celebrating fire set out high up the mountains and rooftops to announce receiving Nawroz, Kurd's new year.

The movie was made by a young group of students from Sienna University in Italy, Antonio Spano, Francesco Picciolo and Pietro Guallandi visited Kurdistan and quested for the needed materials to accomplish their mission.

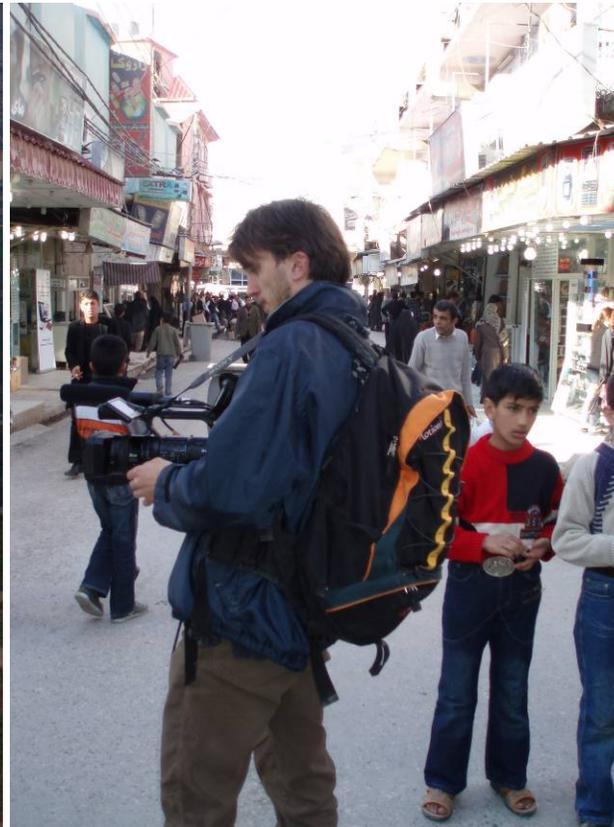
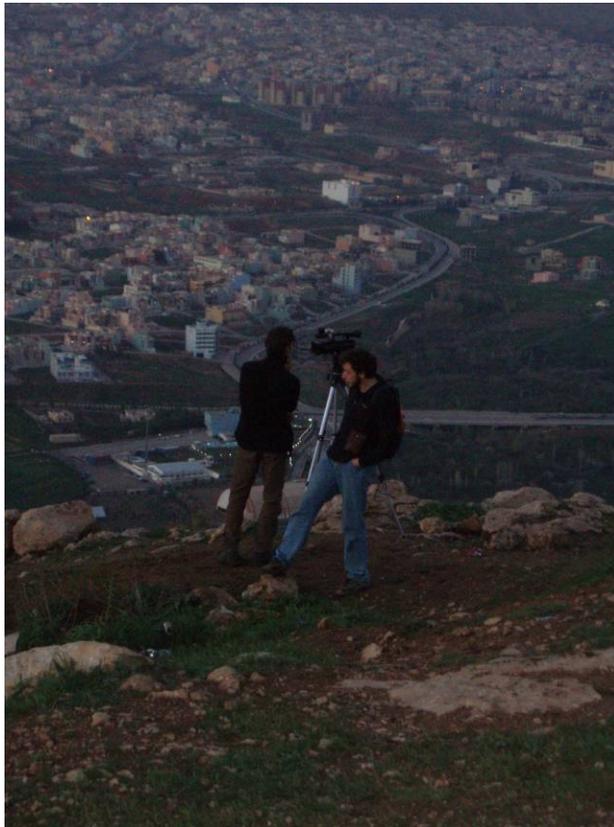
Heevie was the connection for those students which undertook to provide all the assistance to facilitate their task and support them in all ways along the movie-making process, during their 15 days stay in Kurdistan, which came across 2 occasions, the genocide memory of Halabcha town and Nawroz.



The group was involved in a hard working assignment to visit different places in Kurdistan, from cities to towns and villages meeting, interviewing and filming different civilians from all areas, nonetheless, concentrating on areas which have had been exposed to the infamous Anfal military campaign launched by the former overthrown Baath party regime.

They also met different government officials including Mr. Adnan Al- Mufti head of Kurdistan region's parliament, minister of culture Mr. Falakaldeen Kakai and many other senior officials.

On the other hand, the group, accompanied by Heevie working staff, lived joyful moments while filming among people celebrating Nawroz , something that made the movie more a piece of work.



The makers intend to present the movie in international festivals, a matter that would bring to world's attention more about Kurds and their identity, history and life.

At the end of the movie the talented movie makers give special thanks to Heevie for its important role while making the movie in Kurdistan of Iraq, and also to SIA Org, and all other parties and individuals who contributed into this movie.

Heevie thanks in return Sienna university's students who created this profound and good will intended movie, and to all others who took part in bringing the movie to its final stage.

14- Congenital Heart Disease, Diagnostic Analysis Laboratory, Prenatal Diagnosis & Gynecologist Mission April, 2010:

On the 16th of April, 2010, Italian Medical team invited by Heevie according to the project of (Creation of professional medical team for paediatric cardiac diseases treatment through catheterization in Duhok) in cooperation's with SIA NGO and Duhok Director General Dr. Abdulla Saeed, with the support of American in addition, the Italian team is training the local staff through Catheterization. Also Heevie invited Neurological Diseases Team, Gynecological & Obstetrical Diseases Team, and Blood laboratory Team.

First Team: Cardiologist Medical team

Cardiologist Medical team from San Vincenzo Hospital, in Taormina has visited Duhok city in a humanitarian intended mission to conduct Catheterization interventions, which will be the last mission in this project performed by Heevie and funded by U.S Embassy.

In this mission (32) intervention in Azadi Hospital in Duhok have been conducted, (52) Congenital Heart Diseases patients have been examined in addition (21) of the local medical staff received training on the job. In this mission, a several specific type of surgical interventions were conducted for the first time in Iraq.



The Medical team consisted of the following persons:

No.	Name	Profession and Institution	Gender	Nationality
1	Iole Pinto	President of Solidarity Initiatives Association	F	Italian
2	Dr. Jiyen Aziz	Physician – Emergency ASL7 - Health Centre of Siena	F	Italian
3	Dr. Innocenzo Bianca	Cardiologist San Vincenzo Hospital, Taormina	M	Italian
4	Dr. Maria Gabriella Cicero	Cardiologist San Vincenzo Hospital, Taormina	F	Italian

- Meeting with the Duhok Director General of Health: On the 17th of April, Dr. Abdulla Saeed, Director General of Health in Duhok Governorate, held a meeting in Azadi hospital with the Italian delegation which has also been attended by several local doctors and hospital managers and 25 local Medical Staff.



Meeting with the Duhok Director General of Health

- Meeting with U.S Embassy Regional Construction Team RRT: Mr. Stephen Barnaby Duhok Governorate action office- Regional Construction Team RRT, and Mr. Madison Conoly, Public diplomacy officer, have visited Duhok and started a tour in Azadi Hospital accompanied with Dr. Abdulla Saeed, the guests have met Heevie manager and the Italian cardiologists and exchanged opinions with them. The media was present to cover the event and made several interviews with the American government officials and the Italian team.



Mr. Stephen Barneby Dohuk Governorate action office- Regional Construction Team RRT, and Mr. Madison Conoly, Public diplomacy officer

➤ Meeting conclusion with Cardiologist Medical team:

On 22 April, 2010, Dr. Abdulla Saeed held a meeting with Italian doctors and several local doctors to give their final conclusions and suggestions to improve performing health services in Duhok city. Dr. Innocenzo Bianca, cardiologist, gave his impression about the Catheterization interventions he conducted at Azadi Teaching Hospital and his recommendations about conducting catheter in future, especially on data storage of patient's information.



Second Team: Diagnostic Analysis Laboratory Team: Dr. Salvatore Petralia, Siena Hospital – Physician

➤ Meeting with Duhok Director General of Health

On the 17th of April, Dr. Abdulla Saeed, Director General of Health of Duhok city, held a meeting in Azadi hospital with the delegation which has also been attended by several local doctors and hospital managers and the local Medical Staff. Dr. Abdulla welcomed the guests and hoped the missions would achieve its objectives successfully and ensured that necessary efforts should be made at best ways for cooperation, in order to help patient people and to ascend with medical quality of service to better levels. Dr. Salvatore Petralia, Head of Diagnostic Analysis Laboratory in Siena-Italy, was specialized among his other colleagues in Clinical pathology, he tried to make an evaluation of the system in which Lab work is performed in Duhok city's laboratories, then to report proposals to Authorities concerned in order to improve this medical section and to find more effective solutions to difficulties and problems that face this part of medical service.

➤ Visiting several hospitals and laboratories in Duhok:

Dr. Salvatore visit several hospitals and laboratories in Duhok. He began his mission visiting Heevie Pediatric hospital's laboratory and he exchanged talk with Dr.Adnan Mohammed, head of the Laboratory.

Dr.Salvatore inquired about the type of machinery utilized in the Hospital laboratory's investigations. Dr.Adnan talked about blood diseases that have higher prevalence rates in the area, which are Anemia and Thalassaemia. The Italian Doctor asked the local doctor about the steps have been taken to treat Thalassaemia disease. The conversation came across some other technical issues and the work system in laboratories, also to know about how they are connected to each other, he discussed some specific issues but focused on 2 points:

1- Appropriateness: how to prepare the patient for clinical investigation.

2- The relationship between the clinician and the patient.

Dr.Salvatore emphasized on how important it is to have an idea about the patient before submitting him to clinical investigations, the other important thing is the mechanism of work and coordination between laboratories, he added. Afterwards, Dr.Adnan showed the guest the laboratories departments and gave him an idea about some difficulties that face the lab.

Dr. Salvatore visited Thalassaemia center and met Dr.Raji Sulaiman, head of the center, and discussed with him the new methods for treating this disease also he visited Azadi Hospital and met Dr.Arteen Sumbat, head of Azadi Hospital lab. The Italian clinician gave the doctors an idea about the new methods and techniques in lab work in Italy, compared to their counterpart labs in Kurdistan. Dr.Mohammed Radhi, Head of laboratories department in Duhok city, and Dr.Arteen, clarified the problems that face Azadi hospital's labs.The hospital's doctors took the guest in a tour to show him the lab's sections and give him an idea about the work conditions and the way clinicians deal with patients.

Also Dr.Salvatore headed for Central public laboratory, together with Iole Pinto, Head of SIA Organization. Dr.Bairam Dawood, head of Central public lab in Duhok, and Dr.Mohammed Radhi, received the guest warmly. Dr. Bairam commenced by thanking Dr.Salvatore and gave him quick information about the lab and what it does for patients. Dr.Salvatore Petralia explained to Dr.Bairam the basic principles of central labs' work. The doctors toured the lab's departments and made his overall evaluation of the lab. Dr.Salvatore has visited Khabat primary health center, and also preventive health center, in order to have an idea about conditions and system of work in those medical facilities.



Dr. Salvatore Petralia, Siena Hospital – Physician

➤ Meeting conclusion with Diagnostic Analysis Laboratory Team:

On 22, 4 2010, Dr.Abdulla Saeed held a meeting with Italian doctors with several local doctors to give their final conclusions and suggestions to improve performing health services in Duhok city. Dr.Salvatore showed his evaluation of Duhok city's laboratories then reviewed his recommendations with Dr.Abdulla and other attendants in order to obtain correct results in any clinical investigations. Dr.Salvatore emphasized on the internal quality control and the External quality control. He made some notes on some points while he was visiting several laboratories in Duhok, like safety procedures, room and fridges' temperatures and conditions of machines and apparatuses that need more effective maintenance services. At the end of meeting, the attendants expressed their happiness to visit Kurdistan and hoped there will be more cooperation in future and thanked everyone for the great hospitality received from the city people.



Third Team: Prenatal Diagnosis

Heevie with SIA NGO organized a mission of an Italian Medical team from teaching Hospital of Siena- Prenatal Diagnosis Center to visit Duhok city from 16-23 April 2010 in a humanitarian intended mission to help improving health sector in the region in cooperation with Director General of Health of Duhok City Dr. Abdulla Saeed.

The Italian Team consists of: Dr. Renato Scarinci: Physician: Prenatal Diagnosis Center Teaching Hospital of Siena.

➤ Meeting with the Duhok Director General of Health



On the 17th of April, Dr. Abdulla Saeed, Director General of Health of Duhok city, held a meeting in Azadi hospital with the delegation which has also been attended by several local doctors and hospital managers of and local Medical Staff. Dr. Renato Scarinci, physician in Prenatal Diagnosis center-teaching hospital of Siena city in Italy, expressed his happy feeling for coming to Kurdistan, he said that he think it is necessary to come here because he has seen difficult cases in his last visit to Kurdistan, but assured, knowing from his past experience in this field, that everything is possible through cooperation, he added that even in Italy there are some problems, especially in preventive health section, on the other hand, it will be valuable for his experience too.

➤ Visiting Duhok Hospitals and examining patients

Dr. Renato Scarinci Physician from Prenatal Diagnosis Center Teaching Hospital of Siena visited several hospitals in Duhok and examined (39) patients.

The first visit was to Heevie Pediatric Hospital with the local trainee staff, Dr.Akram Mohammed and Dr.Hindreen Haider,Dr.Dersin Muhsin where he examined patients .

The second visit was to Early Detection of Disability Center with the local trainee staff, Dr.Akram Mohammed and Dr.Khalaf Hussien,Dr.Reving Saleem to give a lecture on management updates of epilepsy cases and other Neurological disease, then they made tour in the hospital and examined the patients, also he visited 16 Tabakhe Medical Center.

The third visit was to Duhok Diabetes Center Dr. Renato Scarinci with the local staff ,Dr.Akram Mohammed, Dr.Idress Haji and Dr.Younis Aswed made a Joint discussion between Dr.Irene Obstetrics&Gynecology and premature unit staff Dr.Asema Mohammed, Dr.Jinar Mustafa, Dr.Faris Mohammed ,Dr.Khalid Mohammed, Dr.Hoger discuses all together the needs to open up a prenatal center .





Dr. Renato Scarinci Physician from Prenatal Diagnosis Center Teaching Hospital of Siena April 2010

- Workshop: “What can be done to reduce congenital anomalies?” A Panel Discussion between the Italian Medical Delegation and Directorate General of Health-Duhok.

On 21st of April, 2010, a workshop has been held in general directorate of health of Duhok, the workshop was titled “What can be done to reduce congenital anomalies” that involve prenatal diagnosis issue, in order to adopt the best methods in diagnosing congenital diseases.

The Director General of Health Dr.Abdullah Saeed commenced the occasion by welcoming the guests and ensured the importance of holding such scientific events, Dr.Renato Scarinci, Salvatore Petralia , Dr.Irene Zerbetto, and 82 of local Medical Staff were present , five presentations have been introduced for discussion as follows:

1- Dr. Renato Scarinci, Physician from Prenatal Diagnosis Center Teaching Hospital of Siena.

The presentation introduced by Dr.Renato was about the causes of birth defects, deformation, dysplasia, malformation, prevention, invasive prenatal diagnosis, genetic disease and scheme of work. Dr.Akram Mohammed and Dr.Khalid Mohamed from Azadi hospital introduced their presentation over prenatal diagnosis Prevention and treatment.

2- Dr. Irene Zerbetto Gynecology Dpt. from Siena Hospital demonstrated a presentation which focused on prenatal diagnosis and fetal malformation, the principal goal of prenatal diagnosis is to supply at-risk families with information so they can make informed choices during pregnancy, availability of early prenatal diagnosis, invasive procedures, fetal anomalies and three-dimensional ultra sound. Dr. Irene recommended assigning a staff to work separately in prenatal diagnosis field.

3- Dr.Maida Shamdeen and Dr. Asema Mohammed from Azadi hospital Gynecology Dpt. demonstrated presentations showing the statistics of obstetric department and the importance of prenatal diagnosis, and showed their studies and opinions.

4- Dr.Lulav Dewaly from Azadi hospital Gynecology Dpt. Presented the Role of U/S in diagnosing prenatal congenital anomalies.

5- Dr.Adnan Anwer from Heevie hospital submitted Proposal for prevention of Genetic disorders & congenital abnormalities in Duhok governorate.



Workshop General Directorate of Health

➤ Meeting conclusion with Prenatal Diagnosis:

On 22, 4 2010, Dr.Abdulla Saeed held a meeting with Italian doctors and several local doctors to give their final conclusions and suggestions to improve performing health services in Duhok city.

Dr. Irene Zerbetto, Gynecologist, recommended assigning a staff to work separately in prenatal diagnosis field.
Dr.Renato Scarinci pediatrician submitted his recommendations to overcome problems in Neurology medicine and neurosurgery field by:

- 1- Good management: prescribing the right drug for patient, and before that, to verify the source from where these drugs have come.
- 2- The cooperative relationship between Neurologists and other doctors of different specialties, orthopedists in particular.
- 3- Data storage of patients

Dr. Renato showed his will to offer help, and to participate in training courses in future per a request.



Fourth Team: Gynecologist Team

The Gynecologist Team Dr. Irene Zerbetto Gynecology Dpt. from Siena Hospital visited several hospitals in Duhok and examined (38) patients.

The first visit was to Azadi Hospital Obstetric Section and delivery room, Dr.Chinar Mustafa and Dr.Niroj Hashim explained how they received the patients and the steps of examining till delivery , with Dr.lulav Dewali they examined patients in Ultrasound Clinic and discussed how to detect congenital anomalies by ultrasound, In Azadi hospital Dr. Irene Zerbetto ,Joined discussion between Obstetrics,Gynecology and premature unit staff (Dr.Chinar Mustafa ,Dr.Asema Mohammed, Dr.Faris Mohammed ,Dr.Khalid Mohammed,Dr.Hoger)they discussed all together the needs to open up a prenatal center .

The second visit was to premature unit with Dr.Khalid Mohammed, they discussed the early detection of congenital anomalies. The third visit was to 16 Tabakhe Medical Center where she examined patients.





Dr. Irene Zerbetto in Azadi Hospital Obstetric Section

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 daily 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 (24th.Sep.-29th.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.

17- Congenital Heart Disease Mission - 21 to 28 October, 2010:

On the 21th of October, 2010, an Italian Medical team from San Vincenzo Hospital, in Taormina has visited Duhok city, invited by Heevie in cooperation with SIA NGO, Duhok governorate and Directorate of Health of Duhok governorate in a humanitarian intended mission to conduct Catheterization interventions and to train the local medical staff on the job.

In this mission (30) intervention in Azadi Teaching Hospital in Duhok have been conducted, (129) Congenital Heart Diseases patients have been examined in addition (17) of the local medical staff received training on the job.

The Medical team consisted of the following persons:

Congenital Heart Disease Team from San Vincenzo Hospital, in Taormina, 21 to 28 October:

No.	Name	Specialization	Gender	Nationality
1	Maria Gabriella Cicero	Cardiologist	F	Italian
2	Innocenzo Bianca	Cardiologist	M	Italian
3	Elio Caruso	Cardiologist	M	Italian

The team meets Duhok Governor Mr.Tamar Ramadhan, Dr. Abdullah Saeed Director General of Health and they visits the new Heart surgery department in Azadi hospital, also they visited college of Medicine; the Dean of college Dr. Farhad Khorsheed .The Local Media covered the various activities of the medical team.



Congenital Heart Disease Mission – October 2010



Congenital Heart Disease Mission – October 2010



Congenital Heart Disease Mission – October 2010



Congenital Heart Disease Mission – October 2010

18-Clinical Diagnostically Laboratory - October 2010:

1-First Team: Clinical Diagnostically Laboratory

The Italian team of Clinical Diagnostically Laboratory who came in Kurdistan-Duhok previous month continued its work in this month, invited by Heevie Org. in cooperation with Directorate-General of Health of Duhok City.

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

Clinical Diagnostically Laboratory Mission of 24 th .Sep. / 11 th . Oct.2010				
No.	Name	Specialization	Gender	Nationality
1	Stefania Cresti	Microbiologist: Microbiology lab Teaching Hospital of Siena	F	Italian
2	Salvatore Petrolia	Chemical Clinical Analysis	M	Italian

Dr. Salvatore Petralia (period: Sep. 24 to Oct.11) and Dr.Stefania Cresti (period Sep. 24 to Oct.8) during the Mission aimed to train local staff and restructure microbiology laboratory branch in Azadi Teaching Hospital with the participation of all laboratories in Duhok Governorate.

The Activities of the Team:

1-Microbiologist Team: The program of Dr. Stefania Cresti, Microbiologist in microbiology lab teaching Hospital of Siena as follows:

- **Practical Training**, in addition to daily lectures on the most important topics and the developments in Microbiologist at the global level. (26) Local medical staff trained on the job.



➤ **Workshop in Azadi Teaching Hospital , 2.10.2010**

This workshop was Continuation of the first workshop about Blood Culture and Clinical microbiology: a diagnostic tailored to needs and resources, Activity of the Clinical Microbiology Laboratory (Diagnostic, Consultant, Infectious diseases control, and Antimicrobial resistances prevention).



➤ **A visit to Blood Bank & Central Laboratory,6.10.2010**

Dr.Stefania Cresti visits the Blood Bank Center and Central Laboratory because of the importance of these laboratories and she supervised the work of the trainee staff.



➤ Meeting with the Director of Azadi General Teaching Hospital 3.10.2010

Dr. Stefania Cresti submitted a report on the most important observations during work in Azadi Teaching Hospital laboratory as follows:

The Meeting in Azadi Teaching Hospital consisted of the following Specializations:

Meeting in Azadi General Teaching Hospital , 3.10.2010				
No.	Name	Profession and Institution	Gender	City
1	Shaker Saleem Balandy	Director - Azadi Teaching Hospital	M	Duhok
2	Mohammed Radhi Ismail	General Manager of Duhok Laboratories	M	Duhok
3	Arteen Smbat Avo	Azadi Teaching Hospital	M	Duhok
4	Baeram Dawood Ahmed	Director -Central Laboratory	M	Duhok



Clinical Microbiology Laboratory

Essential topics

(In add to the general good practice rules and suggestion performed by prof. Petralia).

In my opinion the Microbiological Lab of the Azadi Teaching Hospital should be the centre of a lab-network for the outlying smaller labs, doing training, consulting, and analytical deepening. In this lab should be performed a diagnostic more complex, in relationship to more complex diagnostic and therapeutic procedures (i.e.: endoscopic procedures, specialized surgery and so on), that must be performed in a hospital with high level of competency and quality.

A microbiological lab must be in continuous training and updating (in continuous professional growth...) to answer to the technological diagnostic update, to the new therapeutic opportunities (surgical or pharmacological), to the epidemiology change. That is possible only by continuous relationship and dialogue between the lab staff and the clinicians. My suggestion following:

A) Periodical meeting and continuous training:

- For the staff of the microbiological labs (of the Azadi and others hospital): some lab staff component will deepen one topic of particular interest and all together will discuss. The goal is to guarantee both the necessary quality level of the microbiological diagnosis and to find shared solution to technical problems.
- Between lab staff and clinician: the usefulness of the microbiological diagnosis is very weaved with the clinical side (way and time to collect the samples, interpretation of the results, infectious diseases epidemiology and so on). The clinicians and microbiologist should discuss some clinical case, to improve both quality of the results and properness of the request, and control infectious diseases.
- Realize a lab library: to reach this goal can start to print the documents (technical and clinical guidelines, manuals, scientific papers and so on) available in electronic format (from Italian staff).

B) Completeness of lab equipment and reagents:

- Safety cabinet of class II (with electric power and gas connections): necessary to manipulate clinical samples and to perform cultures, avoiding contamination or risk of spreading pathogens
- Possibility to choose culture media: to improve the culture quality it is necessary, for some purposes, to use media different from those today in use in the lab.
- Possibility to buy some reagents (very useful although economic): to perform staining (i.e. lactophenol for fungi) or rapid identification test (i.e. oxidase test)
- Guarantee of continuous availability of mainly reagents
- Distributors of liquid soap and consumable napkins: for an effective hands washing, to prevent pathogens spreading. In add I want underline the topic of the transfusion safety.
- Because the blood bank is outside of the Azadi Hospital, my opinion is that the microbiological laboratory of this institution must be involved in the improvement process together to the Azadi lab.

2-Chemical Clinical Analysis Team:

Dr. Salvatore Petralia : Chemical Clinical Analysis 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.

➤ Meeting with the Director of Azadi General Teaching Hospital 3.10.2010



The Meeting in Azadi Teaching Hospital consisted of the following Specializations:

Meeting in General Azadi Teaching Hospital , 3.10.2010

No.	Name	Profession and Institution	Gender	City
1	Shaker Saleem Balandy	Director - Azadi Teaching Hospital	M	Duhok
2	Mohammed Radhi Ismail	General Manager of Duhok Laboratories	M	Duhok
3	Arteen Smbat Avo	Azadi Teaching Hospital	M	Duhok
4	Baeram Dawood Ahmed	Director -Central Laboratory	M	Duhok

Dr. Salvatore Petralia submitted a report on the most important observations during work in Azadi Teaching Hospital laboratory as follows:

REPORT ON THE ACTIVITY MADE IN THE AZADI GENERAL HOSPITAL LABORATORY

During the period 25/9/2010 - 9/10/2010 I have carefully followed the course of the path analysis in the Laboratory and I noticed that many of the problems highlighted in the previous visit have not changed.

In my role as a consultant I can say that many factors affect negatively the quality of the result, for which I have prepared a document that provides all the guidelines to be adopted for the proper way to work in a laboratory.

I delivered this document, adopted internationally, to all the people who in some way and at different levels have the opportunity to take all necessary steps to change the status quo.

In particular, I pointed out how the pre-analytical phase is of extreme importance for the rest of the work because it is the stage where most of the errors are concentrated.

The current system for accepting out-patients and blood samples collection have to be totally redefined, this was discussed with the General Manager and it seems that there will be changes soon.

Another very serious aspect regards the supply of reagents and consumables products useful for the proper functioning of the equipment of the laboratory.

Calibrators, control sera and reagents must never be lacking and, possibly, they have to be always the same brand.

In each laboratory room I did apply to the wall a sheet with safety procedures to be adopted for the staff and the environment.

All liquid waste from the machines are included in the common drainage system and this is a serious danger for the spread of diseases into the environment.

In conclusion, all my negative comments coming from the present report and from the previous one can be corrected by applying the guidelines that I mentioned above.

Dr. Salvatore Petralia



Clinical Diagnostically Laboratory Mission- October 2010

19- Paediatrics Surgical Diseases Mission - 20 to 28 November 2010:

On the 20th of November, 2010, an Italian Medical team from Paediatric Teaching Hospital of Siena has visited Duhok city, invited by Heevie in cooperation with SIA NGO, Duhok governorate and Directorate of Health of Duhok governorate in a humanitarian intended mission to conduct interventions and to train the local medical staff on the job.

In this mission (23) intervention in Heevie Paediatric Hospital in Duhok have been conducted, (230) patients have been examined in addition (19) of the local medical staff received training on the job.

The Italian Team consisted of the following Specialization:

The Italian Paediatrics Surgical Diseases Teams – November 2010				
No.	Name	Specialization	Gender	Nationality
1	Mario Messina	Head of Pediatric Surgery Dpt. Teaching Hospital of Siena	M	Italian
2	Giovanni Di Maggio	Pediatric Surgeon: Pediatric Surgery Dpt. Teaching Hospital of Siena	M	Italian
3	Francesco Ferrara	Pediatric Surgeon: Pediatric Surgery Dpt. Teaching Hospital of Siena	F	Italian



Paediatrics Surgical Diseases Mission - November 2010



Paediatrics Surgical Diseases Mission - November 2010



Paediatrics Surgical Diseases Mission - November 2010

2- Mobile Medical Clinic. - Period, from February -July 2010

Rural areas of Kurdistan Region may have not been reached with enough health services. This is as Kurdistan had no infrastructure in any field. Heevie aimed behind this project the following objectives:

- Providing health services to rural towns , compounds and villages
- Reduce pressure over main public hospitals in the cities
- Discover cases of serious diseases that some people are suffering
- Identify the most common diseases among people
- Provide awareness
- Notify health authorities in the region about areas that need more health services

Heevie carried out this project in cooperation with Directorate of Health of Duhok governorate and the American Embassy in Baghdad. The humanitarian program of Mobile Team Project started on May 2008. The contributors were Heevie , U.S. Embassy fund which helped this project by paying salaries of the medical and administrative staff, renting cars, while Heevie was responsible for organizing all the process, and the provision of medicine.

The nature of this project is receiving the patients, examining, prescribing and giving appropriate medicine and performing simple surgeries in the field and directing those who cannot be handled on the spot to the hospitals and medical centers in Duhok. In addition, this program was not only for villages in the rural areas but also for the towns. Here, the objectives were beside what is mentioned for the villages also for general education to the children of schools who were suffering from many diseases.

The staff of this humanitarian project consists of doctors, pharmacists, nurses and administrative. While the medical services beside medicine include 3 Mobile clinical vehicles; one is for clinical dental support the other is for X-ray Mobile car and lab examination, the third for ultrasound. The Team includes (14) doctors of different specialties available for each mission, also 3 pharmacists are included, 1 lab technician, 1 radiologist, 2 nurse, DOH Drivers, and Heevie organizational staff as well.

In 2010 the project is funded only by Heevie .

The total numbers of the villages visited by the project team were (36) villages and the number of patients is (17878).

The projects divided into four periods according to the funding sources:

1-First period Eight Months, from May-Dec.2008:

The humanitarian program of Mobile Team Project started on May 2008. The contributors were Heevie , U.S. Embassy. U.S. Embassy fund helped this project by paying salaries of the medical and administrative staff, renting cars, while Heevie was responsible for organizing all the process, and the provision of medicine. The total number of the villages visited by the project team were (68), the total number of the patients have been treated in 2008 was (17686).

2-Second period Six Months, from January-June2009:

From January to June 2009 this project is funded only by Heevie . The total numbers of the villages visited by the project team were (43) villages and the number of patients is (20073).

3-Third period Five Months, from July -November 2009:

The contributors of this period are Heevie , U.S. Embassy fund. The total numbers of the villages visited by the project team were (50) villages and the number of patients is (18492).

4-Fourth period Six Months, from February -July 2010:

In 2010 the project is funded only by Heevie . The total numbers of the villages visited by the project team were (36) villages and the number of patients is (17878).

The tables below show the Statistics of the Villages and the Statistics of the Diseases:

Mobile Medical Clinic Project year 2008-2009-2010 Patient Statistics			
No.	Statistics	Total	
1	Number of House	84062	
2	Number of families	117567	
3	Total number of the area	630392	
4	Total Number of treated patients	74129	
5	Gender	Male	28583
6		Female	45546
7	Adult or Child	Adult	43909
8		Child	30220
9	Patients treated by Examination& Medicine	72451	
10	Patients treated by surgeries in the site	615	
11	Patients referred to Hospitals	967	
12	Patients referred to Heevie	96	

Mobile Medical Clinic Project year 2008-2009-2010 Type of Diseases Statistics

No.	Diseases	Number
1	Internal Medicine Diseases	22308
2	Dental Diseases	3130
3	Adult Cardiac Diseases	231
4	Neurological Diseases	3519
5	Orthopaedical Diseases	6568
6	Rheumatological Diseases	5374
7	Haematological Diseases	40
8	Thalassaemia Diseases	41
9	General Surgical Diseases	1918
10	Thoracic&Vascular Surgical Diseases	7
11	Maxillofacial Diseases	2
12	Ophthalmological Diseases	4787
13	E.N.T Diseases	9287
14	Gynecological&Obstetrical Diseases	5060
15	Plastic&Reconstructive Surgical Diseases	23
16	Dermatological Diseases	6711
17	Urological Diseases	4611
18	Nephrological Diseases	333
19	Psychiatric Diseases	66
20	Oncological Diseases	6
21	Paediatric Surgical Diseases	14
22	Congenital Heart Diseases	93
	Total	74129

Selection of photos from the villages that project had medication activities:

- 1- Pictures Sheikhka Village - [Click to View](#)
- 2- Pictures Bozan Village - [Click to View](#)
- 3- Pictures Khatara Village - [Click to View](#)
- 4- Pictures Doghata Village - [Click to View](#)
- 5- Pictures Mahat Village - [Click to View](#)
- 6- Pictures Kalakchi Village - [Click to View](#)
- 7- Pictures Zelkan Village - [Click to View](#)
- 8- Pictures Chira Village - [Click to View](#)
- 9- Pictures Qasrok Village - [Click to View](#)
- 10- Pictures Baadre Village - [Click to View](#)
- 11- Pictures Baldeeshe Village - [Click to View](#)
- 12- Pictures Qadish Village - [Click to View](#)
- 13- Pictures Deralok Village - [Click to View](#)
- 14- Pictures Deralok Village - [Click to View](#)
- 15- Pictures Leluk Village - [Click to View](#)
- 16- Pictures Kherazuk Village - [Click to View](#)

- 17- Pictures Sherwan Village - [Click to View](#)
- 18- Pictures Goratw Village - [Click to View](#)
- 19- Pictures Dore Village - [Click to View](#)
- 20- Pictures Kani Rash Village - [Click to View](#)
- 21- Pictures Shanadar Village - [Click to View](#)
- 22- Pictures Irwan Village - [Click to View](#)
- 23- Pictures Zoragvan Village - [Click to View](#)
- 24- Pictures Bile Village - [Click to View](#)
- 25- Pictures Barzan Village - [Click to View](#)
- 26- Pictures Baze Village - [Click to View](#)
- 27- Pictures Hardan Village - [Click to View](#)
- 28- Pictures Batifa Village - [Click to View](#)
- 29- Pictures Begova Village - [Click to View](#)
- 30- Pictures Levo Village - [Click to View](#)
- 31- Pictures Berseve Village - [Click to View](#)
- 32- Pictures Darkar Village - [Click to View](#)

33- Pictures Hizawa Village - [Click to View](#)

34- Pictures Deraboon Village - [Click to View](#)

35- Pictures Bakirman Village - [Click to View](#)

36- Pictures Betas Village - [Click to View](#)

3- [Creation of professional medical team of Paediatric Cardiac Diseases treatment through catheterization in Duhok. The Period of the Project: 21.7.2008 - 30.4.2010/ *Read in Archive 2009*](#)

4- Early Detection of Disability.

In one of the new humanitarian health projects that have been carried out by Heevie is the project “Screening for Early Detection of Disability”. The plan will 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 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 with the following:

- Thalassaemia Disease
- Health Care of Pregnant Women

1-First screening: Thalassaemia Patients-16 January -5 April, 2010

The project started by examining Thalassaemia patient's prow using the ultrasound screening and blood test investigations. From 16 January - 5 April, 2010, 239 patients have been checked, as shown in the table below.

Thalassaemia patient's examining / statistics- 2010						
Nr.	Date	Adult – Child		Gender		Total Nr.
		Adult	Child	M	F	
1	16 January -5 April, 2010	73	166	115	124	239
Total						239





Screening Thalassaemia Patients in Heevie building

2-Second screening: Health Care of Pregnant Women

Heevie 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.

In 2010 (from September – December 2010): (439) pregnant women's have been screened by Ultra-Sound and blood test in the laboratory. Shown in the table below:

Health Care of Pregnant Women Project: Examining Statistics of Each Month – 2010

Examining Statistics of Each Month - 2010				
Nr.	Date	Adult	Child	Total Nr.
1	September	47		47
2	October	139		141
3	November	124	1	125
4	December	126		126
	Total			439

Health Care of Pregnant Women Project: Examining Statistics of year – 2010

Examining Statistics of 2010				
Nr.	Date	Adult	Child	Total Nr.
1	2010	271	1	272
	Total			272



Screenings pregnant woman in Heevie building, 2010



Screenings pregnant woman in Heevie building, 2010



Screenings pregnant woman in Heevie building, 2010

5- Registering and examining the 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 (5451) children suffering from CHD.

In 2010, 1805 Patients have been examined, shows in the table below:

The total of patients Examined in Kurdistan by Italian Medical Teams and Local trainee Doctors in 2010:

No	Diseases	City	Total
1	Congenital Heart Diseases	Duhok	409
		Kirkuk	205
		Erbil	755
		Sulaymania	436
	Total		1805

The statistics collected by Heevie from all Northern Governorates reached **(5451)** children suffering from CHD showed in the following table's number 1, 2, and 3.

Table No.1: Heevie Statistics

Congenital Heart Diseases ,2010		Number
1	Male	2749
2	Female	2702
Total		5451
City		Number
1	Sulaymania	1323
2	Kirkuk	1142
3	Erbil	1354
4	Duhok	1245
5	Al-Anbar	8
6	Babil	3
7	Baghdad	32
8	Diyala	40
9	Mosul	263
10	Al - Muthna	1
11	Basra	4
12	Salah Al-Deen	34
13	Wasit	1
14	Al-Najaf	1
Total		5451

Table No.2:

Heevie Statistics / Congenital Heart Diseases ,2010 /Patients Status		Number
1	Patient have been operated and dont need another operation	1038
2	Patient have been operated Twice and dont need another operation	59
3	Patient have been operated Three Times and dont need another operation	2
4	Patient have been operated Three Times and need another operation	1
5	Patient have been operated and need another operation	260
6	Patient have been operated Twice and need another operation	12
7	Patients healing Naturally (Hole Closed)	219
8	lost Patients	495
9	lost Patients after intervention	57
10	lost Patients lost after Two intervention	2
11	Deceased Patients	655
12	Deceased Patients During the Operation	27
13	Deceased Patients after the Operation	33
14	Patient didn't do operation	2591
Total		5428
Heevie Statistics / Congenital Heart Diseases ,2010/Treatment Destination		
	Heevie Org.	Number
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.	11
3	Patients treated by Heevie in Italy in cooperation with SIA & RedCross Org.	11
4	Patients treated by Heevie in Al-Sudan in cooperation with SIA,Emergency Org.	13
5	Patients treated by Heevie in Kurdistan in cooperation with SIA,IME,Medchild Org.	225
6	Patients treated by Heevie in Iraq-Baghdad Hospitals in cooperation with SIA Org.	37
Total		472

Table No.3:

	Other Organizations	Number
1	Patients treated in Israel by Millennium Relief and Development Services Org.	94
2	Patients treated in Al-Sudan by Emergency Org.	33
3	Patients treated in Italy by Red Cross Org.	5
4	Patients treated by Save children Org.	35
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	6
8	Patients treated by Gift of Life Org.	8
9	Patients treated by Assyrian Medical Association	1
10	Mr.Nechirvan Barzani Health Office	2
11	Patients treated by PLC American NGO	9
12	Patients treated by S.P American NGO	28
	Total	242
	Iraqi Hospitals	Number
1	Patients treated in Hawler Cardiac Center - Erbil	373
2	Patients treated in Iraq-Sulaymania-Hospital	68
3	Patients treated in Iraq-Baghdad –Hospitals	67
4	Patients treated in Iraq-Mosul-Hospital	7
5	Patients treated in Iraq-Duhok-Hospital	5
	Total	520
	Patients treated outside Iraq on their Expenses	Number
1	Patients treated outside Iraq on their Expenses	333
	Total	333