Duhok as a learning city

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Some figures about Duhok Governorate

- Duhok became a learning city and it has started in 2012.
- Duhok population: was 1.2 million individuals
- now about 2.2 millions
- 40% is the estimated to be pediatric population
- About **880,000** individuals < age 18
- Out of the 99,500 Syrian refugees in Duhok Governorate, more than **43,200** are < age 18
- In 2014 there were more than **60,000** deliveries
Duhok as a learning city

• Building a learning city is a collective and continuing journey.
Plan & Involvement

**Team:**

- Pediatric specialist in health sectors and university lecturers in pediatric department
- (manager of Hevi hospital is lecturer in pediatric department and head of pediatric department is vice manager of hevi pediatric hospital) strong team with many permissions from college and general directorate of health.
- Local and international organization (Hivi local and WHO & AISPO team from Italy)
- **Supportive committee** from non health sectors for follow up and managing cancer donation box.; Step to include community (politicians, religious and usual people)
Plan & Involvement

• **Strategic plan**

• **Increase health service to people** in duhok (original people, internal displaced people and Refuges)

• **Improve medical college syllabus** for good health service in future.

• **Transformation of our experiences to near city** to improve health services at national level.
Role of university in community

• In **Duhok city** University of duhok contributed & engaged in the various fields of the development of the various main areas:
  • **Health**, Agriculture, Infrastructure, Environmental protection, planning and cultural activities including heritage and protection of **Mesopotamia** historical and tourism.
Medical education

• Changing health system of university of Duhok – college of Medicine from Classical discipline basic system to outcome based integrated system.

• Till now third year medical students following the new one.
University lectures & Medical student

- Awareness:
- awareness for short stature, Diabetes patient, hand washing, COVID19, HIV, Hepatitis by society camps and festival in Duhok city large public gardens and mall.
Media level

- local, national & international
- Wealthier change awareness (hot and cold) for decrease childhood sickness.
- Common pediatric diseases including COVID19.
- Immunization awareness
Psychological support

- **CIPCA**: Crisis Intervention Program for children and Adolescents
- **CIPCA is one of the** best Swedish program for prevention, detection and then treatment of psychologically traumatized children.
- **The program applied during ISIS War and COVID 19 children.**
- Till now 30 medical doctors and nurses have been trained.
Women health & support

• **Women for better health (WÈ center)** is a special health and women education center in Duhok: 10 separate seminars about infectious disease for women in different sectors from camps and outside camps.
Online management

• Doctors online with Rudaw TV.
• Ask your doctor during COVID19 lockdown
Hevi pediatric teaching hospital

- **NICU neonatal care unit** in collaboration with WHO and AISPO Italian organization that help in saving life of many neonates including IDP and Refugees 12-10-2016
- opening of **semi intensive care unite** in hevi hospital in collaboration with Germany solders and Malteser organization 15-09-2017 for serving dangerous Patient’s from camps and outside camps.
Hevi pediatric teaching hospital

- opening of new **pediatric surgical word** in collaboration with AISPO Italiano and Italian Governorate in Hivi hospital 16-12-2018
- new and update in **pediatric emergency**; triage system for helping dangerous patient from camps and outside camps in Hivi hospital in collaboration with Italian doctors 12-10-2018
TOT; Training of trainers

- Training of pediatric staff at many levels.
- Training the ICU staff of Erbil city as a golden step to open PICU in Erbil city.

- 300 trainees trained
- 50 trainers trained
- 10 internships in Italy for Hevi Hospital staff
supporting cancer patients

• head of fund rising project for cancer patients from duhok and camps in collaboration with duhok Governarate from 11-06-2017 till now, we safe life of many patients and we bought many medications for cancer patients.
Peshmarga level

• in collaboration with medical soldiers from UK, USA and Sweden we train 110 peshmarga in 4 training course about combat life support 15-10-2015 to 15-11-2015 in Telesqof.

• Visiting them at frontal line in mahmodeya to treat them and to supply them with medication and important instruments for first aid / 04-09-2014 & 19-09-2014 & 09-08-2014.
COVID19 Era

• Special pediatric team for prevention, awareness & treatment of critical pediatric patients.
private clinic level

• Free medical serves to IDP and Refuges for one year from 05-09-2015 Roj medical complex /Duhok
• Free medical serves for orphan children from 05-09-2015 till now
Monitoring and evaluation

• More than two million beneficiaries have so far benefited from the multiple projects of the renovation, expansion, and reconstruction of health facilities & projects; PICU, SEMI ICU & NICU in Hevi hospital by AISPO team and WHO.

• In Hevi pediatric teaching hospital the mortality rate decreased to 22.5%.
Funding

- Mostly by WHO, AISPO, European union, Germany, Japan and Kuwait:
  - PICU: 330,000 USD
  - NICU & SICU: 950,000 USD
  - Renovation & exaptation of Hevi hospital: 1,200,000 euro
  - Training of staff and emergency department regulation in new standardized style: 200,000 USD
  - Medical equipment's for hospital: 400,000 USD
THANKS FOR YOUR Attention

Greeting from Duhok city