



National Kidney Registry in Lebanon
Annual Report – 2012

Inaugural Issue

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Lebanese Society of Nephrology and Hypertension
Beirut – Lebanon

www.lsnh-edu.org / Telephone: +9611-610710, Ext. 306

National Kidney Registry Personnel

Research Team

Principle Investigator:	Salim Kabalan, MD
Operational Director:	Hafez Elzein, MD, MS
Statistical Analyst:	Ahmad Abdallah, MPH, RN
Research Coordinators	
- Quality Assurance:	Elie Elhaj, MS
- South Lebanon:	Amina Fallah, BSN, RN
- North Lebanon:	Farah Ghareeb, MS, RD
- Bekaa:	Fida Bechawaty, MS, RD
- Beirut & Mountain:	Kareem Elzein, MPH

This annual report was authored by: Hafez Elzein, MD, MS

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Hafez Elzein, MD, MS	Partners in Wellness & Research	Quality & Outcomes Research

National Kidney Registry Operation

Operational management of the registry was contracted by LSNH to Partners in Wellness and Research (PWR), www.wellnesslebanon.com. PWR is a specialty research group committed to enhancement of wellness in Lebanon and the Arab World through promotion of integrated chronic disease management (ICDM), applied clinical epidemiology and medical research.

Based on the ICDM model in Chronic Kidney Disease (CKD), the national kidney registry constitutes a centerpiece that anchors a research program, professional training, patient education and other support services. The program is a collaborative effort of the Lebanese Society of Nephrology and Hypertension, Ministry of Public Health, and other governmental, professional and private entities.

The fully mature and complete registry is expected to take up to five years as it involves adoption of new practices and processes at HD units in over sixty five hospitals. The introduction of the registry already impacted a number of such changes that are becoming standard practice throughout Lebanon:

- Routine measurement of vital signs, height and anthropometrics (BMI; waist, hip and neck circumferences; percent body fat and total body water).
- Use of registry as reference files that can be searched for patient information from onset to present, without going back into chart paper sent to storage.
- Ability to measure key clinical outcomes such as mortality, hospitalization, emergency room utilization and emerging comorbidities & complications
- Maintain a record of vascular access insertion, maintenance and complications.

This inaugural report was authored by Hafez Elzein, MD, MS; operational director of the registry with a review process that involved the principle investigator Salim Kabalan, MD; PWR research team, LSNH executive committee and the registry scientific committee.

For more information, visit the registry website: www.kidneyregistrylb.com

CONTACT INFORMATION

Name	Title	Email	Mobile Tel. #	Land Tel. #
Salim Kabalan	Principle Investigator	Salimkabalan@gmail.com	+961-3848840	+961-1347465
Hafez Elzein	Operational Director	hafezein@aol.com	+961-70956591	+961-1362106
Amina Fallah	South Coordinator	aminafallah77@hotmail.com		
Fida Bechwaty	Beqaa Coordinator	fida.bechwaty@gmail.com		
Farah Ghareeb	North Coordinator	farahghareeb@hotmail.com		
Elie Elhaj	Quality Assurance	eliaso_82@hotmail.com		

In the registry's first year of operation, 39 of the 63 dialysis facilities had excellent participation, accounting for 1938 eligible (62.5%) of the 3100 HD patients in Lebanon.

The kidney registry was made possible due to the hard work of a large number of unknown soldiers at these facilities: Physicians, Nurses, Dietitians, Secretaries and Technicians. They typed in byte after byte, month after month because they believed in the value of this collective work for Lebanon. The detail work they patiently entered merged into a file of data and emerged into a body of valuable information about their patients.

**This report
is dedicated to them**

Full participation by all dialysis units is invited to further improve the quality of data and extent of patient eligibility and inclusion

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