

# Nathalie Lahoud

## PharmD, MSc, PhD

Beirut, Lebanon

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## EDUCATION

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### **Ph.D in Epidemiology**

**Cotutelle between the Lebanese University (Lebanon) and Université Paris-Est (France) 2011-2015**

Thesis / Epidemiology of Stroke in Lebanon: Prevalence, Risk factors and Management in hospitals

Scholarship / CNRS Lebanon (The National Center for Scientific Research)

Thesis defense / December 2015

### **Master's degree in Epidemiology and Biostatistics**

**Lebanese University**

Doctoral School of Sciences and Technologies

July 2011

### **Pharm.D**

**Lebanese University**

School of Pharmacy

July 2010

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## PROFESSIONAL EXPERIENCE

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### **Associate Professor of Epidemiology and Biostatistics**

**Lebanese University**

Faculty of Public Health - Since March 2016

*Master of Public Health*

*Physiotherapy*

Faculty of Pharmacy - Since October 2015

*Master of Clinical Pharmacy and Pharmacoepidemiology*


*BS Pharmacy*

 **Associate Professor of Epidemiology and Biostatistics**

**Lebanese International University**

School of Pharmacy - October 2017 / July 2019

*Pharm.D*

 **Preceptor of clinical pharmacy and internships in community pharmacies**

**Lebanese University**

School of Pharmacy - September 2013 / September 2017

*Pharm.D*

*BS Pharmacy*

 **Community pharmacist**

**Pharmacy 2001, Mkalles**

June 2009 / September 2016

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## AFFILIATIONS

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- 2019** Lebanese Epidemiological Association
- 2018** INSPECT-LB, Institut National de Santé Publique, d'Epidémiologie Clinique et de Toxicologie - Liban, Faculty of Public Health, Lebanese University
- 2017** Central Scientific Committee of the Order of Pharmacists of Lebanon
- 2016** Research Subcommittee of the Order of Pharmacists of Lebanon
- 2015** CERIPH, Center for Research in Public Health, Pharmacoepidemiology Surveillance Unit, Faculty of Public Health, Lebanese University
- 2015** Lebanese Academic Pharmacists' Society.

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## PUBLICATIONS

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1. Obeid S, Fares K, Haddad C, **Lahoud N**, Akel M, Zakhour M, Kheir N, Salameh P, Hallit S. Construction and validation of the Lebanese fear of relationship commitment scale among a representative sample of the Lebanese population. *Perspect Psychiatr Care*. 2019 Jul 28; doi: 10.1111/ppc.12424

2. **Lahoud N**, Zakhour M, Haddad C, Salameh P, Akel M, Fares K, Hallit S, Obeid S. Burnout and Its Relationships With Alexithymia, Stress, Self-Esteem, Depression, Alcohol Use Disorders, and Emotional Intelligence: Results From a Lebanese Cross-Sectional Study. *J Nerv Ment Dis.* 2019 Aug; 207(8):642–50.
3. Hallit S, Zahreddine L, Saleh N, Shakaroun S, **Lahoud N**. Practice of parents and pharmacists regarding antibiotics use in pediatrics: A 2017 cross-sectional study in Lebanese community pharmacies. *J Eval Clin Pract.* 2019 May 20; doi: 10.1111/jep.13165.
4. Hallit S, Zaytoun A, Zeenny R, Harb M, Ramia E, Akel M, Hajj A, **Lahoud N**, Shuhaiber P, Salameh P, Hajj H, Sacre H: Medication Safety Spontaneous Reporting System: The Lebanese Order of Pharmacists Initiative; *Bulletin of Faculty of Pharmacy, Cairo University* (Article in Press).
5. Yaacoub S, **Lahoud N**, Francis N, Rahme D, Murr T, Maison P, Saleh N. Antibiotic Prescribing Rate in Lebanese Community Pharmacies: A Nationwide Patient-Simulated Study of Acute Bacterial Rhinosinusitis. *J Epidemiol Glob Health.* 2019 Mar;9(1):44–9.
6. Ghaddar F, Salameh P, Saleh N, Farhat F, Chahine R, **Lahoud N**, Hleyhel M, Zeidan RK: Non-cardiac Lebanese hospitalized adult patients' awareness of their coronary artery disease risk factors. *Vasc Health Risk Manag.* 2018 Nov 8;14:371-382. doi: 10.2147/VHRM.S176167. eCollection 2018.
7. Henaine AM, Chahine G, Massoud M, Salameh P, Awada S, **Lahoud N**, Elias E, Salem M, Ballout S, Hartmann D, Aulagner G, and Armoiry X: Management of patients with metastatic colorectal cancer in Lebanese hospitals and associated direct cost: a multicentre cohort study. *Eastern Mediterranean Health Journal* 2018 February, <https://doi.org/10.26719/emhj.18.063> (Article in press).
8. Zahreddine L, Hallit S, Shakaroun S, Al-Hajje A, Awada S, **Lahoud N**: Antibiotics Knowledge and Attitudes in Pediatrics: a cross-sectional study among pharmacists and parents in Lebanon; *Pharmacy Practice* 2018 Jul-Sep; 16(3): 1194.
9. **Lahoud N**, Gebeily S, Salameh P, Saleh N, Abbas MH, Rizk E, Hallit S, Hosseini H: Care and discharge outcome of acute stroke in Lebanon: A hospital-based study; *J Nerv Ment Dis.* 2018 Aug; 206(8): 637-643.
10. Domiati S, Sacre H, **Lahoud N**, Sili G, Salameh P: Knowledge of and Readiness for Medication Treatment Management among Community Pharmacists in Lebanon; *Int J Clin Pharm.* 2018 Jun 1. doi: 10.1007/s11096-018-0666-0.
11. Dimassi A, Iskandar K, Matta R, **Lahoud N**, Hanna PA, Jbeily M and Salameh P. Effect of Infection Prevention and Control Measures on the Length of Hospital Stay of Patients at Lebanese Hospitals. *J Infect Dis Epidemiol* (2018) 4:050. doi.org/10.23937/2474-3658/1510050
12. El-Hajj M, Salameh P, Rachidi S, El-Hajje A, **Lahoud N**, Hosseini H: Stroke risk factors: a hospital-based case–control study in Lebanon; *Journal of the Royal Society of Medicine Open.* 2017; 8(6): 1-10.
13. **Lahoud N**, Abbas M, Saleh N, Salameh P, Hosseini H and Gebeily S: A retrospective analysis of 254 acute stroke cases admitted to two university hospitals in Beirut: classification and associated factors. *Journal of Functional Neurology.* 2017; 32(1): 41-48.

14. **Lahoud N**, Salameh P, Saleh N, Hosseini H. Reply to the commentary of Dr. Josué Lily Vidal: Paper: Prevalence of Lebanese stroke survivors: A comparative pilot study. *J Epidemiol Glob Health*. 2016; 6(4):329–30.
15. **Lahoud N**, Salameh P, Saleh N, Hosseini H: Prevalence of Lebanese stroke survivors: a comparative pilot study; *J Epidemiol Glob Health*. 2016; 6 (3): 169–76.
16. Farah R **and Lahoud N**, Salameh P, Saleh N: Antibiotic dispensation by Lebanese pharmacists: A comparison of higher and lower socio-economic levels; *J Infect Public Health*. 2015; 8(1):37-46.

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## ORAL COMMUNICATIONS & RESEARCH POSTERS

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### Oral Communications:

1. Medication-Related Risk Management Plan: The OPL Pharmacovigilance Platform - Health Insight April 2018.
2. Epidemiology of Stroke in Lebanon: Literature Review and Update on Acute Stroke Management - OPL 25<sup>th</sup> Annual Congress, Lebanon 2017.
3. A National Antibiotic Awareness Campaign - OPL 24<sup>th</sup> Annual Congress, Lebanon 2016.

### Posters:

1. Mchantaf G., Barakett Hamade V., Lahoud N. Choosing wisely the right troponin for myocardial infarction. VIIIEME Congrès du syndicat des biologistes du Liban, Beirut, March 14-16, 2019.
2. Mansour M., Awada F., Lahoud N., Safwan J. A Case-Control study about the risk of pancreatic cancer with dipeptidyl peptidase-4 inhibitors in Lebanon. XIIth International Epidemiological Association-Eastern Mediterranean regional scientific meeting, Beirut, February 21-23, 2019.
3. Faraj M., Darcy A., Lahoud N., Hallit S., Zoghbi M., Bou Raad E. The prevalence of all types of infections among schizophrenic patients residing in a Lebanese tertiary hospital: an institution cross-sectional experience. XIIth International Epidemiological Association-Eastern Mediterranean regional scientific meeting, Beirut, February 21-23, 2019.
4. Khalil H. and Lahoud N. Stroke Awareness in Older Adults in Beirut: A Cross Sectional Study. XIIth International Epidemiological Association-Eastern Mediterranean regional scientific meeting, Beirut, February 21-23, 2019.
5. Gebeily S., Nabha S., Harati H., Fares Y., Lahoud N., Bijjani S., Jlelati A., Wehbe J. Mentation and activity of daily living among a sample of Lebanese patients diagnosed with Parkinson's disease: a correlation with vitamin D deficiency. The 13<sup>th</sup> International Conference on Alzheimer's and Parkinson's Diseases, Vienna 2017.
6. Lahoud N., Salameh P., Saleh N., Hosseini H. Prevalence of Stroke in Lebanon- A 2012 cross-sectional study. Third International Congress on Neurology and Epidemiology, Abu Dhabi 2014.
7. Lahoud N., Salameh P., Saleh N., Hosseini H. Prevalence of Stroke in Lebanon- A 2012 cross-sectional study. European Stroke Conference, London 2013.

## ADDITIONAL TRAININGS

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Training in Stroke acute management and long term follow-up at the Stroke Unit of the Hospital of Henri Mondor- Créteil, France (May 2013).

Trainings in: Outbreak investigation, Medication Safety, SPSS and R for biostatistics, Literature review, Pubmed search, Zotero for references, Communication skills and Clinical pharmacy.

## Supervision of theses

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1. Awareness of stroke risk factors, signs and prevention among Lebanese young adults (Mohammad Aatout); Master (Professional) in public health November 2018.
2. Epidemiology of Stroke in Lebanon: Public Awareness and Attitude towards Stroke Risk Factors and Signs (Hussein Khalil); master research in pharmacoepidemiology and clinical pharmacy November 2018.
3. Usage des antibiotiques en pédiatrie: Les prédicteurs de l'échec du traitement et de la prolongation du séjour à l'hôpital (Nour Diab) ; master de recherche en «pharmacie clinique et pharmacoépidémiologie» October 2018.
4. Evaluation of patient's understanding of discharge instructions in the emergency department (Mirella Fares); research master in clinical pharmacy & pharmacoepidemiology October 2018.
5. Challenges in antibiotics prescription in pediatrics: a national survey among Lebanese pediatricians (Amale Issa); Master (Research) in public health October 2018.
6. Knowledge, attitude, and practice of Lebanese women towards oral contraceptives use: a focus on adverse events and failure rates (Hajar Samaha); Master (Professional) in public health October 2017.
7. Usage des antibiotiques en pédiatrie : Enjeux et défis (Lama Zahreddine et Chadia Chakaroun) ; PharmD Octobre 2017.
8. Antibiotic prescribing rate in the Lebanese community pharmacy setting: A nationwide patient simulated study of an acute bacterial rhinosinusitis (Nicole Francis); Master (Research) in public health October 2017.
9. A national survey on the health status of Lebanese community pharmacists (Raya Hjeij and Samer Barake); PharmD September 2017.