

Elodie Speyer, Ph.D

Education and Training

- 07/2015** **University of Michigan, Ann Arbor, MI**
Analysis of Longitudinal Data from Epidemiologic Studies (EPID 766)
- 10/2007-11/2010** **Nancy-Université; Nancy, France**
Ph.D in Life Sciences and Health, Epidemiology and Public Health
Thesis Topic: Physical activity and health-related quality of life among children and adolescents:
Approaches in general population and hospital environment (Ministry research allocation).
Supervisor: Dr. Anne Vuillemin and Pr. Serge Briançon, EA 4360 Apemac
- 09/2005-06/2007** **Université Henri Poincaré, Nancy, France**
Masters of Health and Life Sciences, Epidemiology and Clinical Research
- 09/2001-06/2005** **Université Paul Verlaine, Metz, France**
Bachelor of Physiology and Cell Biology

Professional & Research Experience

- 02/2017 – present** Research Scientist, Epidemiologist
INSERM U-1018, Renal and Cardiovascular Epidemiology, Villejuif, France
- 01/2015 – 12/2017** Associate Research Scientist, Epidemiologist
Arbor Research Collaborative for Health, Ann Arbor, MI, USA
- 10/2010 – 12/2014** Epidemiologist, Public health expert
Centre Hospitalier Universitaire de Nancy/National Institute of Health and
Medical Research, Nancy, France
- 10/2007 – 11/2010** Epidemiologist, PhD Student
School of Public Health, Nancy, France

Research Interests

I am an epidemiologist and public health researcher, focused on improving health and quality of life of patients suffering from chronic diseases. My main interest is patient-centered outcomes research. Currently, as a post-doc in the Renal and Cardiovascular Epidemiology team, I provide methodological expertise in patient-reported outcomes, as well as biostatistical expertise for applied research projects in chronic and end-stage kidney disease. I have over nine years of experience with conducting research projects, with an involvement in all aspects of research, including proposal development, study design, elaboration of case report form and questionnaire, enrollment of participants, and manuscript preparation, leading to multiple peer-reviewed publications in both epidemiological and clinical journals.

Websites

LinkedIn: https://www.linkedin.com/in/elodie-speyer-phd-a1280591?trk=nav_responsive_tab_profile

ResearchGate: https://www.researchgate.net/profile/Elodie_Speyer

ORCID ID: orcid.org/0000-0002-2152-0051

Teaching Experience (E-learning teaching and/or classroom teaching)

- | | |
|------------------------|---|
| 10/2010-12/2014 | Université de Lorraine, Nancy, France
Mentor & Instructor, B.S. students, Epidemiology and Clinical Research |
| 10/2012-06/2014 | University de Lorraine, Nancy, France
Mentor & Instructor, Masters of Public Health and Health promotion
Mentor & Instructor, Masters of Epidemiology and Clinical Research
Reviewer of end-of-year reports
Lecturer "Biostatistics"
Lecturer 'Quantitative data analysis '
Lecturer 'Critical reading of Article' |
| 10/2012-06/2014 | University de Lorraine, Nancy, France
Mentor & Instructor, B.S. students, Epidemiology and Clinical Research
Reviewer of end-of-year reports
Lecturer 'Biostatistics' |
| 10/2012-06/2014 | Institut de formation des cadres de santé, Nancy, France
Mentor & Instructor for research project
Lecturer 'Clinical research - basics' |

Honors and Awards

10/2007 - 11/2010 Research grant, Ministère de l'Éducation nationale, de l'Enseignement supérieur et de la Recherche for pursuing my Ph.D in Life Sciences and Health, Epidemiology and Public Health

Memberships in Professional Societies

2010 - present Member, European Renal Association - European Dialysis and Transplant Association

Editorial Positions, Boards, and Peer-Reviewed Services

Current Peer-Reviewed Services: Santé Publique, BMC Public Health, BMC Nephrology, American Journal of Transplantation

Visiting Professorships, Seminars, and External Invited Presentations

External Invited Presentations:

A worldwide look on quality of life of CKD patients and Patient Centered Outcomes Research. 2014. 15th IFKF Annual Meeting Oct 3-6, Lyon, France.

Bibliography

Journal Citation

1. **Speyer E**, Subramanian L, Tentori F. Increasing the relevance of clinical research for patients with kidney disease (2017). *AJKD*. **69(1)**:11-13.
2. **Speyer E**, Morgenstern H, Hayashino Y, Kerr PG, Rayner H, Robinson BM, Pisoni RL. Reliability and Validity of the Coping Strategy Inventory-Short Form Applied to Hemodialysis Patients in 13 Countries: Results from the Dialysis Outcomes and Practice Patterns Study (DOPPS) (2016). *J Psychosom Res*. **91**:12-19.
3. Rivière F, Widad FZ, **Speyer E**, Erpelding ML, Escalon H, Vuillemin A. Reliability and validity of the French version of the global physical activity questionnaire, *Journal of Sport and Health Science* (2016), doi: 10.1016/j.jshs.2016.08.004
4. Khalil, N., C. Chauviere, L. Le Chapelain, H. Guesdon, **Speyer E**, H. Bouaziz, D. Mainard, J. M. Beis and J. Paysant (2016). "Plantar pressure displacement after anesthetic motor block and tibial nerve neurotomy in spastic equinovarus foot." *J Rehabil Res Dev* **53(2)**: 219-228.
5. Mariani, L., B. Stengel, C. Combe, Z. A. Massy, H. Reichel, D. Fliser, R. Pecoits-Filho, A. A. Lopes, K. Yamagata, T. Wada, M. M. Wong, **E. Speyer**, F. K. Port, R. L. Pisoni and B. M. Robinson (2016). "The CKD Outcomes and Practice Patterns Study (CKDopps): Rationale and Methods." *Am J Kidney Dis* **68(3)**: 402-413.
6. Breckenridge K, Bekker HL, Gibbons E, van der Veer SN, Abbott D, Briancon S, Cullen R, Garneata L, Jager KJ, Lønning K, Metcalfe W, Morton RL, Murtagh FE, Prutz K, Robertson S, Rychlik I, Schon S, Sharp L, **Speyer E**, Tentori F, Caskey FJ. How to routinely collect data on patient-reported

outcome and experience measures in renal registries in Europe: an expert consensus meeting. *Nephrology, dialysis, transplantation: official publication of the European Dialysis and Transplant Association - European Renal Association*. 2015;30(10):1605-14.

Special Issue in *Bull Epidémiol Hebd*: Quavi-Rein: Volet Dialyse & Greffe 2011. BEH

7. Briançon S, **Speyer E**, Jacquelinet C, Beauger D, Baudelot C, Caille Y, et al. Méthodologie générale de l'étude Quavi-REIN, Volet dialyse & greffe 2011, France. *Bull Epidémiol Hebd*. 2014;(37-38):611-5. http://www.invs.sante.fr/beh/2014/37-38/2014_37-38_2.html
8. **Speyer E**, Briançon S, Jacquelinet C, Beauger D, Baudelot C, Caille Y, et al. Caractéristiques sociodémographiques et médicales des participants à l'étude Quavi-REIN, Volet dialyse & greffe 2011, France. *Bull Epidémiol Hebd*. 2014;(37-38):616-22. http://www.invs.sante.fr/beh/2014/37-38/2014_37-38_3.html
9. **Speyer E**, Briançon S, Jacquelinet C, Beauger D, Baudelot C, Caille Y, et al. Qualité de vie des personnes en insuffisance rénale chronique terminale en France en 2011. *Bull Epidémiol Hebd*. 2014;(37-38):623-30. http://www.invs.sante.fr/beh/2014/37-38/2014_37-38_4.html
10. Beauger D, Gentile S ; Groupe Quavi-REIN. Évolution de la qualité de vie des patients atteints d'insuffisance rénale chronique terminale entre 2005-2007 et 2011: résultats des enquêtes de surveillance épidémiologique en France. *Bull Epidémiol Hebd*. 2014;(37-38):631-40. http://www.invs.sante.fr/beh/2014/37-38/2014_37-38_5.html
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12. Lesesve, J. F., **E. Speyer** and J. P. Perol. "Fragmented red cells reference range for the Sysmex XN((R)) -series of automated blood cell counters." *Int J Lab Hematol*. 2015;37(5): 583-587.
13. Stephan-Carlier A, Facione J, **Speyer E**, Rumilly E, Paysant J. Quality of life and satisfaction after multilevel surgery in cerebral palsy: confronting the experience of children and their parents. *Annals of physical and rehabilitation medicine*. 2014;57(9-10):640-52. DOI: 10.1016/j.rehab.2014.09.012
14. Bassan F, Peter F, Houbre B, Brennstuhl MJ, Costantini M, **Speyer E**, Tarquinio C. Adherence to oral antineoplastic agents by cancer patients: definition and literature review. *Eur J Cancer Care (Engl)*. 2014; 23(1):22-35. DOI: 10.1111/ecc.12124
15. Gentile S, Beauger D, **Speyer E**, Jouve E, Dussol B, Jacquelinet C, et al. "Factors associated with health-related quality of life in renal transplant recipients: results of a national survey in France." *Health Qual Life Outcomes* 2013 May 30;11(1):88.
16. Chanson C, Leonard M, Thaon I, Penven E, **Speyer E**, Paris C. Reconnaissance des psychopathologies par les comités régionaux de reconnaissance des maladies professionnelles de Lorraine entre 2005 et 2011 *Archives des Maladies Professionnelles et de l'Environnement*. 2013; 74(3):279-288.
17. Vuillemin A, **Speyer E**, Simon C, Ainsworth B, Paineau D. "Revue critique des questionnaires d'activité physique administrés en population française et perspectives de développement." ("Critical review, perspectives, and development of physical activity questionnaires in the French population.") *Cahiers de Nutrition et de Diététique*. 2012; 47(5):234-241.

18. **Speyer E**, Herbinet A, Vuillemin A, Briançon S, Chastagner P. "Activités physiques adaptées et qualité de vie liée à la santé lors d'un séjour hospitalier chez des enfants atteints d'un cancer : APOP, un essai randomisé en cross-over." ("Adapted physical activities and quality of life tied to health during hospital visits in child cancer patients.") Science et Sport. 2011; 26(4):202-206
19. **Speyer E**, Herbinet A, Vuillemin A, Briançon S, Chastagner P. "Effect of adapted physical activity sessions in the hospital on health-related quality of life for children with cancer: a cross-over randomized trial." Pediatric blood & cancer. 2010;55(6):1160-1166.
20. **Speyer E**, Vuillemin A, Herbinet A, Chastagner P, Briançon S. "Effect of adapted physical activity on Health-related quality of life among hospitalized children and adolescents (the ACTIV'HOP randomized controlled trial): Design and methods." Contemporary Clinical Trial. 2010;31:165-171
21. **Speyer E**, Herbinet A, Vuillemin A, Chastagner P, Briançon S. "Agreement between children with cancer and their parents in reporting the child's health-related quality of life during a stay at the hospital and at home." Child:Care, Health and Development. 2009;35(4):489-495.

Report

1. Harambat J, Macher MA, **Speyer E**, Couchoud C. Enfants et adolescents en IRCT, données REIN 2012 chapitre 9. 2013.
2. Briançon S, Jacquelinet C, Merle S, **Speyer E**, Lassalle M, au nom du registre du REIN. Prévalence, données REIN 2012 chapitre 3. 2013.

Book Chapter

1. Vuillemin A, **Speyer E**, Herbinet H. In: L'enfant et l'activité physique : de la théorie à la pratique. "Editions Désiris. Chapter 18 : Le cancer. Pages 365-382. 2014.

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