

PERSONAL INFORMATION

Dominique Ploin

WORK EXPERIENCE

November 1999–Present

Paediatrician

Hospices Civils de Lyon (France)

Health care, Clinical Research, Teaching

December 2016–Present

French Alternate of the Paediatric Committee (PDCO)

European Medicines Agency (United Kingdom)

Evaluations of Paediatric Investigation Plans (PIPs) as rapporteur or peer-reviewer. Contributing to Scientific Advice (SA) as PDCO Coordinator for paediatric products. Both activities in PIP evaluations and SA contributions are focused in the field of vaccines and infectious diseases.

2011–Present

Expert from the Paediatric Working Group

Agence Nationale de Securite du Medicament (France)

November 1990–October 1999

GP

Hospices Civils de Lyon (France)

Health care, Clinical Research

EDUCATION AND TRAINING

November 1988–October 1990

House Officer

Hospices Civils de Lyon (France)

Health care, Clinical Research

November 1997–October 1999

Senior House Officer in Paediatrics

Hospices Civils de Lyon (France)

Health care, Clinical Research, Teaching

November 1999–October 2004

Fellow in Epidemiology and Public Health

Hospices Civils de Lyon (France)

Health care, Clinical Research, Teaching

July 2004–July 2005

Fellow in Paediatrics

Département de Pédiatrie, Hôpital Sainte Justine, Montréal (Canada)

Health care, Clinical Research

ADDITIONAL INFORMATION

Expertise

Paediatrics, Clinical Epidemiology

Publications

1. Pitiot V, Grall M, Ploin D, et al. The use of CT-scan in foreign body aspiration in children: A 6 years' experience. *Int J Pediatr Otorhinolaryngol* 2017;102:169-73
2. Angoulvant F, Bellettre X, Milcent K, Teglas JP, Claudet I, Gras-le Guen C, de Pontual L, Minodier P, Dubos F, Brouard J, Soussan-Banini V, Degas-Bussiere V, Gatin A, Scheitzer C, Epaud R, Ryckewaert A, Cros P, Marot Y, Flahaut P, Saunier P, Babe P, Patteau G, Delebarre M, Titomanlio L,

- Vrignaud B, Trieu TV, Tahir A, Regnard D, Micheau P, Charara O, Henry S, Ploin D, Panjo H, Vabret A, Bouyer J, Gajdos V. Nebulized Hypertonic Saline in Emergency Departments to Reduce Hospitalization Rate for Acute Bronchiolitis: A Randomized Double Blind Clinical Trial. *JAMA Pediatr.* 2017; :e171333. doi: 10.1001/jamapediatrics.2017.1333. Epub 2017 Aug 7.
3. Ploin D et al. Complications and factors associated with severity of influenza in hospitalized children and adults during the pandemic wave of A(H1N1)pdm2009 infections--the Fluco French cohort. *J Clin Virol* 2013;58:114-9.
 4. Ploin D et al. Enquête RMEF-GFRUP sur les modalités de prise en charge de la crise d'asthme dans les services d'urgences pédiatriques francophones : des pratiques à la pratique. *Arch Ped* 2012 ; 19 : H151-2
 5. Ploin D et al. Echographic Measurement of Skin Thickness in Sites Suitable for Intradermal Vaccine Injection in Infants and Children. *Vaccine* 2011;29:8438-42.
 6. Pinquier D, Adde-Michela C, Ploin D, et al. [Vaccination rate of premature infants at 6 and 24 months of age: a pilot study]. *Arch Pediatr* 2009;16:1533-9.
 7. Moreau A, Aroles V, Souweine G, Flori M, Erpeldinger S, Figon S, Imbert P, Denis A, Iwaz J, Riou JP, Ploin D. Patient versus general practitioner perception of problems with treatment adherence in type 2 diabetes: from adherence to concordance. *Eur J Gen Pract* 2009;15:147-53.
 8. Cremer R, Leclerc F, Lacroix J, Ploin D; GFRUP/RMEF Chronic Diseases in PICU Study Group. Children with chronic conditions in pediatric intensive care units located in predominantly French-speaking regions: Prevalence and implications on rehabilitation care need and utilization. *Crit Care Med.* 2009;37:1456-62.
 9. Ploin D et al. Influenza burden in febrile infants and young children in a pediatric emergency department. *Pediatric Infectious Disease Journal* 2007;26:142-7.
 10. Dupont C, Touzet S, Ploin D, et al. [Evaluation of the perinatal network professionals' integration: study about 653 professionals of AURORE network]. *J Gynecol Obstet Biol Reprod.* 2007;36:375-83.
 11. Touzet S, Schott AM, Ploin D, et al. Evaluation of clinical practices: methods of data collection and information sources?. *Rev Epidemiol Sante Publique.* 2006 Jun;54:223-32
 12. Ploin D et al. Influenza burden in children aged 0–11 months at a paediatric emergency department during a peak of the influenza epidemic. *Pediatric Infectious Disease Journal.* 2003;22:S218-22.
 13. Ploin D et al. High-dose albuterol by metered-dose inhaler plus a spacer device versus nebulization in preschool children with recurrent wheezing: a double blind, randomized equivalence trial. *Pediatrics* 2000;106:311-7
 14. Ploin D, Floret D. Aspirin and Reye's syndrome. *Pediatrics* 2001;107:214 [letter]
 15. Ploin D et al. Pharmacokinetically guided dosing for intravenous melphalan: a pilot study in patients with advanced ovarian adenocarcinoma. *Eur J Cancer* 1992;28A:1311-5. Comment in: *Eur J Cancer* 1992;28A:1302-4
 16. Ploin D et al. Clinical evaluation of a self blood pressure monitor according to the First International Consensus Conference on Self Blood Pressure Measurement. *Blood Pressure Monitoring* 2002;7:1-7
 17. Ploin D et al. Fortes doses de salbutamol par aérosol doseur et chambre d'inhalation chez les nourrissons et les jeunes enfants siffleurs. *Rev Fr Allergol Immunol Clin* 2001; 41:155-64
 18. Ploin D et al. Antécédent de bronchiolite précoce et asthme du grand enfant : étude cas-témoins chez des asthmatiques de 4 à 12 ans. *Arch Pediatr* 2002;9:1025-30
 19. Tranchand B, Ploin D, Minuit MP et al. High-dose melphalan dosage adjustment: possibility of using a test-dose. *Cancer Chemother Pharmacol* 1989;23:95-100
 20. Cracowski JL, Ploin D, Bessard J et al. Formation of isoprostanes in children with type IIa hypercholesterolemia. *J Cardiovasc Pharmacol* 2001;38:228-31
 21. Mohammadi I, Ploin D, Duperret S et al. Risk factors for piperacillin-tazobactam-resistant *Escherichia coli* in ICU patients. *Intensive Care Medicine.* 2003;29:1164-8.
 22. Mohammadi I, Denis A, Duperret S, Chapuis F, Ploin D, Petit P. Facteurs de risque d'infection à *Escherichia coli* résistant à amoxicilline-acide clavulanique en réanimation. *Ann Fr Anesth Reanim.* 2003;22:711-5.
 23. Bailey B, Ploin D, et al. Pneumonie. Dans : Turgeon J, Bernard-Bonnin AC, Gervais P, Ovetchkine P, Gauthier M. Dictionnaire de thérapeutique pédiatrique Weber. de Boeck, éd, 2e édition. Bruxelles, 2008.
 24. Ploin D, Bailey B, Floret D. L'épidémiologie aux urgences : utile aux enfants ou aux pédiatres ?

Arch Pediatr. 2006;13:553-5.

25. Touzet S, Schott AM, Ploin D, et al. L'évaluation des pratiques cliniques : quels modes de recueil des données et à partir de quelles sources d'information ? Rev Epidemiol Sante Publique. 2006;54:223-32.

26. Cremer R, Ploin D, Leclerc F. Enfants handicapés ou atteints de maladie chronique en réanimation pédiatrique : définitions et épidémiologie. Actualités en réanimation et urgences 2005. Elsevier, Paris. 2005, pages 121-32

27. Chalumeau M, Ploin D, et al. Faut-il développer l'épidémiologie clinique en pédiatrie ? Arch Pediatr 2005;12:820-2.

28. Ploin D, et al. Traitement de la crise d'asthme : où sont aujourd'hui les enjeux ? Arch Pediatr 2005;12:351-6.

29. Ploin D, et al. Recommandations, consensus, qualité des soins : de quoi parle-t-on ? Arch Pediatr 2004;11:703-5.

30. Ploin D, et al. Que signifient « petit p » et intervalle de confiance ? La Revue du Praticien [Mise au point], 2003, 53 ; 1749-54.

31. Ploin D, et al. Évaluation du pronostic de la chirurgie cardiaque sous circulation extracorporelle : intérêts et limites de la cotation de la gravité physiologique. ITBM-RBM 2002;23 (Suppl 1) : 6-13

Projects

University Teaching: List upon demand

* Co-Chair of the Pediatric Epi Diploma, Lyon I, Lille et Paris V, 2004-2014

* Epi, 2nd Year Medical school, Lausanne University, Switzerland, 2005-2008

* Therapeutic Education Master Module, Lyon I University, 2004-2011

Auditing manager, improving hospital practices according "Haute Autorité en Santé" Tracer Patient guidelines since 2016

Writer of French National Guidelines « Therapeutic Education of the Asthmatic Child », French Health Care Agency (ANAES), 2001-2002

Morbi-mortality review meetings "protection of childhood in danger" since 2008

Paediatric Expert of the Institutional Review Board, Comité Sud-Est III, 2012-2015

Biomedical Research Expert, Institutional Review Board, Comité Lyon CLB, 1997-2004

Previously awarded funding for clinical research and trials (List upon demand)

- By national institutions

- By learned societies: Groupe de Pédiatrie Générale, Groupe Francophone d'Urgence et de réanimation pédiatrique, Groupe recherches épidémiologiques en pédiatrie

- By industrial partners: Glaxo, Wellcome, Wyeth

Previously investigator for BD, and Boehringer Ingelheim

Certified Investigator for the International Intima-media Thickness Study, 1993-2000

Wake Forest University/Bowman Gray School of Medicine, Winston Salem, USA

Memberships

Groupe Francophone de Réanimation et d'Urgence Pédiatriques

Groupe de Recherches Epidémiologiques en Pédiatrie

Conseil des Medecins du Rhone fellow n° 69.10251; RPPS n° 1000.305.9200

Other Relevant Information

MD (Lyon University 1990), PhD (PK dosing IV melphalan: from concept to clinical trial. Lyon University 1993), Diploma in Epi (Mc Gill University 2006), Master of pharmacology (1990), Master of immunology (1984), Clinical and economic analysis of medical decision making (1996), Medical pedagogy (2000), Database analysis in Epi (2000), Paediatric clinical pharmacology (1996), Clinical research and methods in Epi (1992).

Advanced Course of Vaccinology (ADVAC). WHO & University of Geneva. 2018.