

PERSONAL INFORMATION

Francesco Nonino

WORK EXPERIENCE

January 2019- Present

Full time consultant in Neurology. Director, Unit of Epidemiology and Biostatistics

Institute of Neurological Sciences (IRCCS-ISNB), Bologna (Italy)

Design and conduct of epidemiological surveys and studies, methodological and statistical support to researchers of the Institute, support to researchers in writing scientific papers applying for grants and submitting protocols to the local Ethical Committee.

Editorial base of the Cochrane Multiple Sclerosis and Rare Diseases of the CNS Review Group

Co-ordinating editor of the Cochrane Multiple Sclerosis and Rare Diseases of the CNS Review Group

Director of Cochrane Geographic Group Affiliate of Cochrane Italy, with main activity on knowledge translation projects

Coordination of record linkage projects between clinical and administrative databases on Parkinsons disease, multiple sclerosis and epilepsy within the Bologna Health Care Trust.

Methodological support to national and international guideline development panels and consensus conferences

Methodological support to local Health Care Trust auditing projects

Teaching: basic and advanced courses of methodology in clinical research and critical appraisal of biomedical literature for health professionals of the Local Health care Trust of Bologna

July 2015- Present

Part-time Consultant in Neurology, Director, World Health Organization Collaborating Centre in Evidence-Based Research Synthesis and Guideline Development, Senior consultant of the Drugs and Devices Service of the Health Care and Welfare Directorate Region Emilia-Romagna.

Regione Emilia-Romagna, Health Care and Welfare Directorate, Community Care Service (Italy)

Consultant of the EUNetHTA Joint Action 3 2016-2020 program for the Region Emilia-Romagna.

Main activities and responsibilities

Director of the WHO Collaborating Centre in Evidence-Based Research Synthesis and Guideline Development (WHO CC 111)

Chair of the Emilia-Romagna Regional Working Group on Neurological Drugs.

Member of the scientific secretariat of the Regional Emilia-Romagna Drug & Therapeutics Committee.

Production and implementation of evidence-based guidance on the use of medicines, methodology and ethics of biomedical research, and Health Technology Assessment on medicines (EUNetHTA).

As a WHO Collaborating Centre: support to the activity of the WHO Expert Committee on the Selection and Use of Essential Medicines providing consultancy on specific projects and producing applications for the updating of the Model List of Essential Medicines (EML)

Consultant of the EUNetHTA, Joint Action 3 program (evaluation and production of HTA reports through Early Dialogues and Joint Assessments with other EUNetHTA partners and the European Medicine Agency (EMA) in collaboration with the Italian Medicine Agency (AIFA)

Member of the GRADE Working Group and of the Italian GRADE Centre (Rome).

July 2015-August 2018

Full-time consultant in Neurology.

Local Health Care Trust of Modena (AUSL di Modena) (Italy)

Neurologist in outpatient clinical service.

Head of the Modena Local Health Care Trust Clinical Research Office.

Member of the local Ethical Committee

October 2001-September 2012

Full-time consultant in neurology

CeVEAS, Center for the Evaluation of the Effectiveness of Health Care. (Italy)
National annual report on the use of medicines in Italy (OSMED) in collaboration with the Italian Drug Agency AIFA and the Istituto Superiore di Sanità.
Collaboration with the World Health Organization Essential Medicines List Secretariat, consultancy on specific projects and producing applications for the WHO EML
Production, local adaptation and implementation of clinical-organizational guidelines.
Methodological and organizational support to multidisciplinary workgroups for the production of evidence-based recommendations.
Production and update of the database of guidelines of the National Guideline System (SNLG, Istituto Superiore di Sanità).
Training in methodology of biomedical research for health professionals.
Production of information material on medicines for health professionals.

2006- 2018 **Part-time consultant for the local Drug & Therapeutics Committee**
Montecatone Rehabilitation Institute S.p.A. (Italy)

Methodological support to the Drug & Therapeutics Committee in the selection and use of medicines

2003- 2007 **Part-time consultant for the local Drug & Therapeutics Committee**
Local Health Care Trust of Rimini (AUSL di Rimini) (Italy)

Methodological support to the Drug & Therapeutics Committee in the selection and use of medicines

June 1998-October 2001 **Full-time hospital consultant in Neurology**
Local Health Care Trust of Piacenza (AUSL di Piacenza) (Italy)
Inpatient and outpatient clinical care.

EDUCATION AND TRAINING

August 2002- **Clinical Epidemiology, Quantitative Medical Research**
Erasmus MC, University Medical Center Rotterdam (NL) (Netherlands)

April 2001- **Clinical Epidemiology, Evidence-Based Medicine**
Centre for Evidence Based Medicine, University of Oxford (UK) (United Kingdom)

April 2000- **Clinical Epidemiology, EBM Teaching**
Centre for Evidence Based Medicine, University of Oxford (UK) (United Kingdom)

March 1993- **Clinical Neurology**
Department of Neurology. University of Edinburgh, Scotland (United Kingdom)

1988- 1992 **Post-graduate specialization in Neurology, 70/70 cum Laude**
University of Bologna, School of Neurology (Italy)

1981- 1988 **Degree in Medicine, 110/110 cum Laude**
University of Bologna, School of Medicine (Italy)

ADDITIONAL INFORMATION

Expertise Epidemiology, clinical neurology, methodology of biomedical research, systematic reviews, methodology of guideline development, metanalysis

Publications MAIN SCIENTIFIC PUBLICATIONS
Zenesini, C., Vignatelli, L., Belotti, L.M.B., Baccari, F., Calandra-Buonaura, G., Cortelli, P., Descovich, C., Giannini, G., Guaraldi, P., Guarino, M., Loddo, G., Pantieri, R., Perlangeli, V., Scaglione, C., Stivanello, E., Trombetti, S., D'Alessandro, R., Baldin, E., Nonino, F. Risk of SARS-CoV -2 infection, hospitalization and death for COVID -19 in people with Parkinson's disease

or parkinsonism over a 15-month period: a cohort study. *European Journal of Neurology* 2022. DOI: 10.1111/ene.15505

Celani MG, Nonino F, Mahan K, Orso M, Ridley B, Baldin E, Bignamini AA, D'Amico R, Cantisani TA, Colombo C, Khan F, Kopke S, Laurson-Doube J, Schvarz C, Young CA, Peryer G, Rosati P, Filippini G. Identifying unanswered questions and setting the agenda for future systematic research in Multiple Sclerosis. A worldwide, multi-stakeholder Priority Setting project. *Mult Scler Related Dis* 2022;60. <https://doi.org/10.1016/j.msard.2022.103688>

Muccioli L, Zenesini C, Taruffi L, Licchetta L, Mostacci B, Di Vito L, Pasini E, Volpi L, Riguzzi P, Ferri L, Baccari F, Nonino F, Michelucci R, Tinuper P, Vignatelli L, Bisulli F. Risk of hospitalization and death for COVID-19 in persons with epilepsy over a 20-month period: the EpiLink Bologna cohort, Italy. *Epilepsia* 2022. DOI: 10.1111/epi.17356

Zenesini, C., Vignatelli, L., Belotti, L.M.B., Baccari, F., Calandra-Buonaura, G., Cortelli, P., Descovich, C., Giannini, G., Guaraldi, P., Guarino, M., Loddo, G., Pantieri, R., Perlangeli, V., Scaglione, C., Stivanello, E., Trombetti, S., D'Alessandro, R., Baldin, E., Nonino, F. Risk of SARS-CoV -2 infection, hospitalization and death for COVID -19 in people with Parkinson's disease or parkinsonism over a 15-month period: a cohort study. *European Journal of Neurology* 2022. DOI: 10.1111/ene.15505

Nonino F, Baldin E, Ridley B, Casetta I, Iuliano G, Filippini G. Azathioprine for people with multiple sclerosis (Protocol). *Cochrane Database of Systematic Reviews* 2021, Issue 7. Art. No.: CD015005. DOI: 10.1002/14651858.CD015005.

Piggott T, Nonino F, Baldin E, Filippini G, Rijke N, Schunemann HJ, Laurson-Doube J. Multiple Sclerosis International Federation (MSIF) guideline methodology for off-label treatments for multiple sclerosis. *Multiple Sclerosis Journal: Experimental, Translational and Clinical* 2021 DOI: 10.1177/20552173211051855/

D'Alessandro R, Zenesini C, Baldin E, Bonavina G, Calandra-Buonaura G, Cortelli P, Fabbri G, Guarino M, Nassetti SA, Pantieri R, Samoggia G, Nonino F, Vignatelli L, ParkLink Bologna Group. Premotor antidepressants use differs according to Parkinson's disease subtype: a cohort study. *Parkinsonism Relat Disord* 2021;87:137-41

Vignatelli L, Zenesini C, Belotti LMB, Baldin E, Bonavina G, Calandra-Buonaura G, Cortelli P, Descovich C, Fabbri G, Giannini G, Guarino M, Pantieri R, Samoggia G, Scaglione C, Trombetti S, D'Alessandro R, Nonino F; ParkLink Bologna group. Risk of Hospitalization and Death for COVID-19 in People with Parkinson's Disease or Parkinsonism. *Mov Disord.* 2021 Jan;36(1):1-10

Hirano M, Carelli V, De Giorgio R, Pironi L, Accarino A, Cenacchi G, D'Alessandro R, Filosto M, Marti R, Nonino F, Pinna AD, Baldin E, Bax BE, Bolletta A, Bolletta R, Boschetti E, Cescon M, D'Angelo R, Dotti MT, Giordano C, Gramegna LL, Levene M, Lodi R, Mandel H, Morelli MC, Musumeci O, Pugliese A, Scarpelli M, Siniscalchi A, Spinazzola A, Tal G, Torres-Torronteras J, Vignatelli L, Zaidman I, Zoller H, Rinaldi R, Zeviani M. Mitochondrial neurogastrointestinal encephalomyopathy (MNGIE): Position paper on diagnosis, prognosis, and treatment by the MNGIE International Network. *J Inher Metab Dis.* 2021 Mar;44(2):376

Akl EA, Morgan RL, Rooney AA, Beverly B, Katikireddi SV, Agarwal A, Alper BS, Alva-Diaz C, Amato L, Ansari MT, Brozek J, Chu DK, Dahm P, Darzi AJ, Falavigna M, Gartlehner G, Pardo-Hernandez H, King V, Klugarova J, Langendam MWM, Lockwood C, Mammen M, Mathioudakis AG, McCaul M, Meerpohl JJ, Minozzi S, Mustafa RA, Nonino F, Piggott T, Qaseem A, Riva J, Rodin R, Sekercioglu N, Skoetz N, Traversy G, Thayer K, Schunemann H. Developing trustworthy recommendations as part of an urgent response (1-2 weeks): a GRADE concept paper. *J Clin Epidemiol.* 2021 Jan;129:1-11

Petkovic J, Riddle A, Akl EA, Khabisa J, Lytvyn L, Atwere P, Campbell P, Chalkidou K, Chang SM, Crowe S, Dans L, El Jardali F, Ghersi D, Graham ID, Grant S; Greer-Smith R, Guise JM, Hazlewood G; Jull J, Katikireddi SV, Langlois EV, Lyddiatt A, Maxwell L, Morley R, Mustafa RA; Nonino F, Pardo JP, Pollock A, Pottie K, Riva J, Schunemann H, Simeon R, Smith M, Stein AT; Synnot A, Tufte J, White H, Welch V, Concannon TW, Tugwell P. Protocol for the development of guidance for stakeholder engagement in guideline development and implementation. *Syst Rev.* 2020 Feb 1;9(1):21

Parmelli E, Amato L, Oxman AD, Alonso-Coello P, Brunetti M, Moberg J, Nonino F, Pregno S, Saitto C, Schunemann HJ, Davoli M; GRADE Working Group. GRADE Evidence to Decision (EtD) Framework for Coverage Decisions. *Int J Technol Assess Health Care.* 2017 Jan;33(2):176-182

Melis M, Biagi C, Smabrekke L, Nonino F, Buccellato E, Donati M, Vaccheri A, Motola D. Drug-Induced Progressive Multifocal Leukoencephalopathy: A Comprehensive Analysis of the WHO Adverse Drug Reaction Database. *CNS Drugs.* 2015 Oct;29(10):879-91.

Magrini N, Formoso G, Capelli O, Maestri E, Nonino F, Paltrinieri B, Giovane CD, Voci C, Magnano L, Daya L, Marata AM; INDRA-NET study group. Long term effectiveness on prescribing of two multifaceted educational interventions: results of two large scale randomized cluster trials. *PLoS One*. 2014 Oct 17;9(10):e109915. doi: 10.1371/journal.pone.0109915. eCollection 2014.

Grimaldi D, Nonino F, Cevoli S, Vandelli A, D'Amico R, Cortelli P. "Risk stratification of non-traumatic headache in the emergency department". *J Neurol* 2009;256(1):51-7.

Magrini N, Formoso G, Marata AM, Capelli O, Maestri E, Voci C, Nonino F, Brunetti M, Paltrinieri B, Maltoni S, Magnano L, Bonacini MI, Daya L and Viani N. Randomised controlled trials for evaluating the prescribing impact of information meetings led by pharmacists and of new information formats, in General Practice in Italy. *BMC Health Services Research* 2007, 7:158

Nonino F, De Girolamo G, Gamberini L, Goldoni CA for the Modena Work Group for Antipsychotics in Dementia. Survival among elderly Italian patients with dementia treated with atypical antipsychotics: observational study *Neurol Sci* 2006;27:375-380

Cortelli P, Cevoli S, Nonino F, Baronciani D, Magrini N, Re G, De Berti G, Manzoni GC, Querzani P, Vandelli A; Multidisciplinary Group for Nontraumatic Headache in the Emergency Department. Evidence-based diagnosis of nontraumatic headache in the emergency department: a consensus statement on four clinical scenarios. *Headache* 2004 Jun;44(6):587-95

Nonino F, Liberati A. Essential requirements for practice guidelines at national and local levels. *Neurological Sciences* 2004, 25(1):2-7

Formoso G, Moja L, Nonino F, Dri P, Addis A, Martini N, Liberati A. Clinical Evidence: a useful tool for promoting evidence-based practice? *BMC Health Serv Res*. 2003 Dec 23;3(1):24.

Nonino F, Campomori A. Neuroleptic Malignant Syndrome Associated with Metoclopramide: Report of a Case and Review of the Literature. *Annals of Pharmacotherapy* 1999;33(5):644-645

Azzimondi G, Bassein L, Fiorani L, Nonino F, Montaguti U, Celin D, Re G, D'Alessandro R. Variables associated with hospital arrival time after stroke. Effect of delay on the clinical efficiency of early treatment. *Stroke* 1997;28:537-542

Azzimondi G, Bassein L, Nonino F, Fiorani L, Vignatelli L, Re G, D'Alessandro R. Fever in acute stroke worsens prognosis. A prospective study. *Stroke* 1995;26:2040-2043.

Azzimondi G, Nonino F, Fiorani L, Vignatelli L, Stracciari A, Pazzaglia P, D'Alessandro R. Incidence of stroke among inpatients in a large Italian hospital. *Stroke* 1994;25:1752-1754.

WORLD HEALTH ORGANIZATION REPORTS

Nonino F, Giroladini R, Magnano L, Pasi E, Silvani MC, Baldin E, Bassi MC, Marata AM. Review of the Available Evidence on oral Sumatriptan in Adults and Children for the Treatment of Acute Migraine Attacks and Proposal for Inclusion. World Health Organization. 22nd Expert Committee on the Selection and Use of Essential Medicines, 2019

Nonino F, Formoso G, Giroladini R, Magnano L, Pasi E, Marata AM. Review of the Available Evidence on "Newer" Anticonvulsants in New-onset and Refractory Epilepsy: Proposal for Inclusion of Lamotrigine for the WHO model list of essential medicines (EML) and model list of essential medicines for children (EMLc). World Health Organization. 21th Expert Committee on the Selection and Use of Essential Medicines, 2017

Nonino F, Biagi C, Giroladini R, Magnano L, Pasi E, Trimaglio F, Herd CP, Rick C, Shah L, Champaneria R, Ives N. Review of the available evidence on Oral Dopamine Agonists For Parkinson's Disease for the WHO Model List of Essential Medicines - World Health Organization. 20th Expert Committee on the Selection and Use of Essential Medicines, 2015

Nonino F, Vignatelli L, Maltoni S, Di Mario, Magrini N. Review of the available evidence on Lamotrigine for Epilepsy for the WHO Model List of Essential Medicines - World Health Organization. 17th Expert Committee on the Selection and Use of Essential Medicines, 2009

Projects

Principal Investigator of the population-based randomised-controlled trial "Population based lighting study on older adults", WP3 of the project "EnlightenMe: Innovative policies for improving citizens' health and wellbeing addressing indoor and outdoor lighting", funded by the European Union's Horizon 2020 research and innovation programme under grant agreement No 945238. <https://www.enlightenme-project.eu/>

Memberships

Other Relevant Information