

ALLEGATO B

UNIVERSITÀ DEGLI STUDI DI MILANO

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Anne Wilhelmina Saskia Rutjes **CURRICULUM VITAE**

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

COGNOME	RUTJES
NOME	ANNE WILHELMINA SASKIA
DATA DI NASCITA	[01, 04, 1971]

INSERIRE IL PROPRIO CURRICULUM
(non eccedente le 30 pagine)

PERSONAL INFORMATION



Anne Wilhelmina Saskia Rutjes

Viale G. Amendola 79, 66100 Chieti, Italy
 +39 0871 45 1810 / +39 0871 355 67 20 +39 389 999 36 50
anne.rutjes@ispm.unibe.ch / rutjes@live.it / awsrutjes@pec.it
 ORCID ID: <https://orcid.org/0000-0001-9782-779X>
 Skype Anne.Rutjes

Sex female | Date of birth 01/04/1971 | Nationality Dutch | Children 2 dependent teenagers

PREFERRED JOB

Associate Professor in Clinical Epidemiology and Biostatistics
S.C. 06/M1, S.S.D. MED/01

WORK EXPERIENCE

3/2008 - current

Fixed term contract as Senior Researcher (höhere Sachbearbeiterin-I)

University of Bern, Bern, Switzerland, Mittelstrasse 43; 3012; Bern

01-01-2019 – current "höhere Sachbearbeiterin-I" at the Institute of Social and Preventive Medicine (ISPM), <http://www.ispm.unibe.ch/>

01-04-2015 – 31-12-2018 "höhere Sachbearbeiterin-I" at CTU: Clinical Trial Unit, <http://www.ctu.unibe.ch/>

01-07-2014-31-03-2015 "höhere Sachbearbeiterin-I" at the Institute of Social and Preventive Medicine (ISPM)

01-01-2013 – 30-06-2014 "Assistentin-1" at CTU: Clinical Trial Unit

01-08-2008 – 31-12-2012 "Assistentin-1" at the Institute of Social and Preventive Medicine (ISPM)

- General description: independent elaboration of challenging thematic areas with analytical and conceptual tasks. Responsible for independent planning and execution of tasks, if necessary with leadership responsibility;
- Responsible for the Agreement For Cooperation Related To Ph.D. Programs between ISPM, the University of Bern and Università "G. D'Annunzio"
- Research activity: improving methodology how to evaluate and report diagnostic test accuracy studies; improving methodology of how to evaluate therapeutic interventions; improving methods for evidence synthesis, including meta-analysis methodology to synthesize outcome data from diagnostic test accuracy and therapeutic studies, and clinical practice guideline methodology;
- Didactic activity in the field of clinical epidemiology and biostatistics, in undergraduate courses biomedical sciences and biomedical engineering at the University of Bern, in postgraduate courses at the University of Bern, supervision of, or consultancy to doctoral students at the University of Bern;
- Consultancy regarding statistical and epidemiological analysis; statistical support for clinical studies; design and management of clinical databases;
- Grant proposal writing for international funding programmes with different funding schemes
- Acting as external methodological consultant for the Swiss Federal Office of Public Health.

Academic Recruitment Field Clinical Epidemiology and Biostatistics, S.C. 06/M1, S.S.D. MED/01

1/2012 - current

Scientific consultant with P. Iva in the field of medicine, Italy

Rutjes Scientific Consultancy, Chieti, Italia.

Owner

Selection of recent clients

- Federal Office of Public Health, Bern, Switzerland
- IQWiG, Colonia, Germania www.iqwig.de/
- Università di Oxford, UK <https://dementia.cochrane.org/contact-us-0>
- Fondazione Università "G. D'Annunzio", Chieti, Italia & Università "G. D'Annunzio"
- Main activities and responsibilities: external methodological expert, protocol development, supervisor of review teams, supervisor of supervisors, statistician, external peer reviewer of Health Technology Assessment reports. For some clients I perform all steps needed to summarise the scientific evidence with systematic review and meta-analyses techniques
- Responsible for the Memorandum of Understanding between ISPM, the University of Bern and Fondazione Università "G. D'Annunzio"

[Academic Recruitment Field](#) Clinical Epidemiology and Biostatistics, S.C. 06/M1, S.S.D. MED/01

7/2010 - 12/2010 [Fixed term employment contract, project related \(Contratto di collaborazione a progetto co.co.pro.\)](#)

Fondazione Università "G. D'Annunzio", Chieti, Italia.
Clinical Research Center, Ce.S.I.,
Postdoctoral researcher

- Collaboration with Prof. Manzoli and Prof. Mezzetti
- Main activities and responsibilities: summarising scientific evidence with systematic review and meta-analyses techniques in the field of cardiology
- Accomplishing the Memorandum of Understanding between University of Amsterdam (Prof HR Büller & Prof JJP Kastelein) and the Fondazione Università "G. D'Annunzio" (Prof A. Mezzetti), Chieti, Italy

[Academic Recruitment Field](#) Clinical Epidemiology and Biostatistics, S.C. 06/M1, S.S.D. MED/01

7/2006 – 8/2008 [Fixed term employment contract, project related \(Contratto di collaborazione a progetto co.co.pro.\)](#)

Consorzio Mario Negri Sud (CMNS), Santa Maria Imbaro, Chieti, Italia.
Department of Clinical Pharmacology and Epidemiology

- Main activity: scientific research. Participating in an International research consortium on myeloproliferative disorders (funded by National Cancer Institute, USA)
- Protocol development, development of online and paper CRFs and monitoring tools for the various interventions studies. Supervision was provided by Dr. Roberto Marchioli and Dr. Giovanni Tognoni.

[Academic Discipline](#) Clinical Epidemiology and Biostatistics, S.C. 06/M1, S.S.D. MED/01

12/2005 - 6/2006 [Fixed term contract as Postdoctoral Researcher](#)

Academic Medical Center (AMC), University of Amsterdam, The Netherlands
Department of Clinical Epidemiology and Biostatistics, Faculty of Medicine

- **Leading** the project: Evaluation of diagnostic tests when there is no gold standard (funded by NHS Research Methodology Program, UK grant: RM04/JH21)

[Academic Discipline](#) Clinical Epidemiology and Biostatistics, S.C. 06/M1, S.S.D. MED/01

9/2001 - 12/2005 [Fixed term contract as Doctorate Researcher](#)

Academic Medical Center (AMC), University of Amsterdam, The Netherlands
Department of Clinical Epidemiology and Biostatistics, Faculty of Medicine
Meibergdreef 15, 1105 AZ Amsterdam, the Netherlands

- Main activities and responsibilities: scientific research
 - PhD-track and lead on the project sources of bias and variation in diagnostic test accuracy studies (funded by ZonMW: The Netherlands Organisation for Health Research and Development).
 - Collaboration with CRD, York and the University of Bristol, UK on the development of QUADAS: a

quality assessment tool for diagnostic test accuracy studies widely adopted across the world and heavily cited (funded by NHS Research Methodology Program).

- Collaboration with Vrije Universiteit, Amsterdam, the Netherlands, to evaluate the use of STARD: a quality assessment tool for the reporting of diagnostic test accuracy studies.
- Organization of courses and teaching of evidence based medicine principles, systematic reviews and clinical epidemiology to undergraduates and postgraduates.

[Academic Discipline](#) Clinical Epidemiology and Biostatistics, S.C. 06/M1, S.S.D. MED/01

9/1999 - 12/2001 **Fixed term contract as Junior Researcher**

Academic Medical Center (AMC), University of Amsterdam, The Netherlands

Department of General Practice, Division of Public Health
Meibergdreef 15, 1105 AZ Amsterdam, the Netherlands

- Main activity: scientific research
- Main responsibility: lead on the project on evidence based guideline development, development of a quality assessment tool for systematic reviews, under supervision of prof W.J.J. Assendelft.

[Academic Discipline](#) Clinical Epidemiology and Biostatistics, S.C. 06/M1, S.S.D. MED/01

9/1994 - 9/1999 **Fixed Term Contract / Freelancer as physiotherapist at several locations in Germany**

Praxis Burger & van Loo, Bonn, Germany (fixed contract up to august 1995)
Current address: Rochusstr. 118, 53123 Bonn-Duisdorf

Various physiotherapy location in Bonn, Aachen und Leverkusen, Germany (Freelance)

- Main activity: Physiotherapy for children, adults, adults in late life
- Main responsibility: physiotherapeutical diagnosis and interventions

[Academic Discipline](#) -

EDUCATION AND TRAINING

9/2001 - 12/2005 **PhD**

Doctorate in Clinical Epidemiology, at the Faculty of Medicine, University of Amsterdam, the Netherlands (PhD degree)

- Title of the thesis: "Sources of bias and variation in diagnostic accuracy studies". ISBN: 90-9020013-4, https://pure.uva.nl/ws/files/3891190/38536_Thesis_Rutjes_30sept.pdf
- Clinical Epidemiology and Biostatistics, S.C. 06/M1, S.S.D. MED/01

08/1995 - 04/1999 **Bachelor and Master of Science in Health Sciences, Specialization movement sciences (BHSc & MSc)**

Faculty of Health Sciences, University of Maastricht, the Netherlands; Universiteitssingel 60; 6229 ER Maastricht; The Netherlands

- Clinical epidemiology, methodology & biostatistics, anatomy & physiology, movement sciences
- I received exemption for a number of subjects that I had already completed during my physiotherapy training. For latter reason, I completed university in less than 4 years.

8/1990 – 8/1994 **Bachelor of science in Physical Therapy (Baccalaureus degree bc)**

Hogeschool van Amsterdam, Faculty of Health

Nicolaes Tulphuis (NTH), Tafelbergweg 51; 1105 BD Amsterdam; The Netherlands

- Physiotherapy, physiotherapy in the geriatric patient, methodology

06/1990 **High School Diploma**

Nijmeegse Scholengemeenschap Groenewoud

Van Cranenborchstraat 7; 6525 BM Nijmegen; The Netherlands

- voortgezet wetenschappelijk onderwijs (VWO), a system with scientific preparation with 6 years of education. The diploma offers access to Universities.

PERSONAL SKILLS

Mother tongue(s) Dutch

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	C2	C2	C2	C2	C1
French	B1	B2	A1	A1	A1
Italian	C1	C1	C1	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills Ability to adapt to multicultural environments and excellent communication skills acquired during collaboration activities with colleagues of 23 nationalities at ISPM in Switzerland and thanks to the many contacts and international collaborations.

Organisational / managerial skills Leadership gained through current and previous responsibility of teams; good experience in project and team management

- leadership (currently responsible for a team of 5-7 people on the project for McMaster, Canada, previously for a team of circa 20 researchers, on the project for the University of Oxford)

Job-related skills

- Excellent competence in quality control processes (currently responsible for quality control of health technology assessments in the international EunetHTA network collaboration, in which all key European institutions and government bodies with responsibility for health technology assessment participate in the production of HTA reports joint)
- Excellent teaching skills, with positive feedback of students

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

SELF-ASSESSMENT

- good command of Microsoft Office Suite

- good command of the following software
 - statistical - STATA, R, WinBugs, SPSS, SAS
 - database handling - Access, Excel, SPSS data builder
 - systematic review & guideline - GRADE-Pro, Review Manager, Covidence, Revbase, Eros
- good command of software to handle citations: Endnote, Reference Manager

Other skills

- **Grant-writing**, selection of successful competitive research grants
Sponsor: Institute for Quality and Efficiency in Health Care (IQWiG).
 - Titles: D14-01: "Biomarkerbasierte Tests zur Entscheidung für oder gegen eine adjuvante systemische Chemotherapie beim primären Mamma-Karzinom". Applicants: AWS Rutjes (main and sole applicant). Period of award: 4th quarter of 2014-4th quarter of 2015.
 - Titles: D13-02: Antigenexpression bei Mammakarzinom. Applicants: AWS Rutjes (main applicant), P.M.M. Bossuyt. Period of award: 1st quarter of 2013- 2nd quarter 2014.
 - Titles: A10-03: Aromatase inhibitors in female breast cancer. Applicants: AWS Rutjes (main applicant), co-applicants, in alphabetic order: S Aebi, M Di Nisio, P Jüni. Period of award: 4th quarter of 2011- 3rd quarter 2013.
 - Titles: N11-01: Arthroscopy of the knee joint for gonarthrosis. Applicants: AWS Rutjes (main applicant), co-applicants, in alphabetic order: B da Costa, P Jüni, S Reichenbach. Period of award: 4th quarter of 2011- 3rd quarter 2013.
 Amount awarded by IQWiG: X90'580 Euro (confidential, can be communicated on request)

Sponsor: Platforms for Translational Research in Medicine SwissTransMed
(<http://www.swisstransmed.ch>)

- Titles: Rapid Diagnosis of Antibiotic Resistance in Gonorrhoea: RADAR-Go. Applicants: N Low (main applicant), co-applicants, in alphabetic order: S Althaus, S Bonhoeffer, A Endimiani, S Furrer, AWS Rutjes. Period of award: October 2013 – December 2016.
- Amount awarded by SwissTransMed: 2'000'000 CHF

Sponsor: ARCO foundation, Switzerland.

- Title: Optimizing treatment strategies for patients with osteoarthritis (OPTimO). Applicants: P Jüni (Main applicant), co-applicants, in alphabetic order: B da Costa, R Hilfiker, C Mebes, E Nüesch, S Reichenbach, AWS Rutjes, S Trelle, P Villiger. Period of award: 01.10.2009 – 30.09.2014.

Amount awarded: 1'490'000 CHF

Other skills, continued

- Dr Rutjes successfully helped in the write up of a grant which has received funding from the European Union's Horizon 2020 research and innovation programme (grant agreement No 634238), and is supported by the Swiss State Secretariat for Education, Research and Innovation (SERI) under contract number 15.0137.
- Amount awarded: 6.6 million Euro

Driving licence B

Publications

- Author of more than 100 publications in indexed journals, including 3 with editorial committees mainly consisting of Italian members. For an updated list of indexed publications, please consult: Annex A or <https://www.scopus.com/authid/detail.uri?authorId=8222222700>, or <https://www.ncbi.nlm.nih.gov/pubmed/?term=rutjes+a+not+rutjes+ak>
- Author of 8 monographs and 3 web only reports for the World Health Organisation (WHO)

Bibliometric Indicators of Impact (27 April 2020)

- Scopus 122 publications, 16'313 citations, H-index: 46
- Google Scholar, 22'173 citations, H-index 50
- ISI Web of Science 102 publications, 12'067 citations, H-index: 40

Editorial responsibilities

- 2020 – current Section editor of section “Research methodology and clinimetrics”, journal Archives of Physiotherapy,
- 2013 – current member of the Editorial Board, journal Cochrane "Dementia and Cognitive Improvement Group"
- 2009 – 2012 member of the Editorial Board, journal Cochrane "Musculoskeletal Group"
- 2010 – 2018 member of the Editorial Board, journal "Arthritis"
- 2009 – 2009 Statistical Editor (contract basis) and member of the Editorial Board, journal European Heart Journal
- 2008 – 2009 Statistical Editor (contract basis) and member of the Editorial Board, journal Swiss Medical Weekly

Didactic responsibilities

Selection of didactic activities and responsibilities relevant to the scientific area Clinical Epidemiology & Biostatistics**Didactic Activity at Postgraduate Training**

2020 & 2019 University di Bern, Bern, Switzerland

- **Coordinator**, developer and faculty member (Clinical Epidemiology & biostatistics) –Course “CAS in Clinical Research”, post-graduate, module Diagnostic Studies. Accreditation: 1 credit ECTS. Faculty: Anne Rutjes and Marcel Zwahlen (10-06-2020 al 12-06-2020) / (19-06-2019 al 21-06-2019). For additional information, please see: <https://www.cas-clinicalresearch.ch/>
- Delivery mode: frontal lectures and guided exercises, 20 hours of lessons. Annual course.

2020; 2018; 2016

- **Coordinator**, developer and faculty member at Swiss Epidemiology Winter School course: Systematic Reviews and Meta-analysis of Diagnostic Test Accuracy Studies. Accreditation: 1.5 ECTS credits. Faculty: Anne Rutjes and Yemisi Takwoingi (20-01-2020 to 22-01-2020) / (18-01-2018 al 20-01-2018) / (21-01-2016 to 23-01-2016): <https://www.epi-winterschool.org/>
- Delivery mode: frontal lectures and guided exercises, 18 hours of lessons. Biannual course.

2013 - 2015

- Faculty member, teaching on systematic reviews of diagnostic test accuracy studies, University of Modena and Reggio Emilia, Italy
- Delivery mode: frontal lectures and guided exercises

2014-2014

- Teaching clinical epidemiology & biostatistics at Insubria international Autumn School during the course on methodology, ethics and integrity in biomedical research, Università degli Studi dell'Insubria, Varese, Italia
- Delivery mode: frontal lectures

Didactic responsibilities

2012

- Lecturing on behalf of Università degli Studi di Milano, Milano, Italy, at the course The Architecture Of Clinical Reasoning dal 12-09-2012 al 15-09-2012
- Delivery mode: frontal lectures

2009 – 2012

- Teaching clinical epidemiology and biostatistics at University of Bern, Bern, Switzerland & Inselspital, Bern University Hospital / Swiss Group for Clinical Cancer Research (SAKK) / University of Bern, Switzerland. Corso postlaurea "Clinical Investigators II: Advanced GCP and clinical research training course": www.ctu.unibe.ch/training_courses/research_ethics_and_gcp
- Delivery mode: frontal lectures

2011

- Teaching clinical epidemiology and biostatistics at University of Bern, Bern, Switzerland & Inselspital, Bern University Hospital / Swiss Group for Clinical Cancer Research (SAKK) / University of Bern, Switzerland. Corso postlaurea Clinical Investigators I: Basic GCP & clinical research training: www.ctu.unibe.ch/training_courses/research_ethics_and_gcp
- Delivery mode: frontal lectures

1999 – 2005

- Teaching principles of evidence based practice at the Academic Medical Center, including the Dutch Cochrane Center, Amsterdam, the Netherlands
- Delivery mode: frontal lectures and guided exercises. Annual three day course of at approximately 21 hours yearly

Didactic Activity at Undergraduate Training

Bachelor of Medicine

2019 - current; Faculty of Medicine, University of Bern, Switzerland

- Tutoring of 12 Groups, in the Bachelor of Medicine, first year, module "Biostatistics", 4-11-2019 to 6-11-2019; Faculty of Medicine, University of Bern, Switzerland
- Methods of delivery: guided exercises, 12*2 hours of annual lessons

2011, Faculty of Medicine, University of Bern, Switzerland

- Lecturer and tutor, in the Bachelor Course in Medicine, third year, module "Determinants of successful aging", from 15-04-2011 to 15-04-2011; teaching critical appraisal of scientific literature
- Method of delivery: guided exercises, 1.5 hours of Lesson in 2011

2010; Faculty of Medicine, University of Bern, Switzerland

- Teaching activity: Lecturer in in the Bachelor Course of Medicine, second year, module: "Clinical Epidemiology & Biostatistics". Type: frontal lesson with title: "Screening studies - design, sources of bias and statistical analyses".
- Method of delivery: frontal lessons, 0.75 hours of Lesson in 2010 (45 minutes)

Bachelor of Biomedical Sciences

2011 - current; University of Bern/Fribourg, Switzerland

- Lecturer in Biostatistics & Epidemiology - Bachelor of Biomedical Sciences, module biostatistics I and biostatistics II.
- Methods of delivery: frontal lessons and guided exercises, 19 hours of lessons per year

Didactic responsibilities

Didactic Activity at Undergraduate Training, continued

Bachelor in Biomedical Engineering

from 2013, 2014 and 2015; from 2018 - to the current date; University of Bern, Switzerland

- Lecturer and tutor in Statistics & Epidemiology - Bachelor Course in Biomedical Engineering, Health technology assessment module, lecturing how to set up and analyse diagnostic studies

- Method of delivery: frontal lessons and guided exercises, currently 3.5 hours of lessons per year.

Supervision of higher degree students (PhD / MD), concluded*

2009-2012

- Bruno Cezar Roza da Costa. Title of the thesis: "Expressing and summarising patient-reported outcomes in osteoarthritis" (PhD degree 2012). University of Bern, Bern, Switzerland. Supervisors: Anne W.S. Rutjes and Peter Jüni

2010

- Duss Adrian. Title of the thesis: "The Epidemiology of Bias in Diagnostic Test Evaluations: The Example of Positron Emission Tomography (PET) in Oncology" (MD degree 2010). University of Bern, Bern, Switzerland. Supervisors: Anne W.S. Rutjes and Peter Jüni

2010

- Waser Luzia. Title of the thesis: "The Epidemiology of Bias in Diagnostic Test Evaluations: The Example of Positron Emission Tomography (PET) in Oncology" (MD degree 2010). University of Bern, Bern, Switzerland. Supervisors: Anne W.S. Rutjes and Peter Jüni

Supervision of higher degree students (PhD / MD), ongoing*

2019-current

- Kati (Katayoun) Taghavi. Title PhD Thesis: Methods of improving visually based cervical screening in low- and middle income countries. Supervisor Julia Bohlius. Methodological consultant: Anne W.S. Rutjes

2016-2020, University of Basel, Basel, Switzerland

- Sarah Musy. Title PhD Thesis: "Developing a predictive model for shift-level nurse staffing using routine data" (PhD planned 4 April 2020). Supervisor Michael Simon. Methodological consultant: Anne W.S. Rutjes.

2018- alla data attuale; Università Gabrielle D'Annunzio Pescara-Chieti

- Federica Giuliani (clinical specialist in training). Titolo Progetto: "Meta-analisi di anti-IL17 in Psoriasi" Supervisore Paolo Amerio (Clinica) e Anne Rutjes (Metodologia e statistica)

2017; Università di Berna, Berna, Svizzera & Università Gabrielle D'Annunzio Pescara-Chieti

- Giuseppe Di Martino (clinical specialist in training). Titolo Progetto: "OPTimising ThERapy to prevent Avoidable hospital admissions in the Multimorbid elderly". Supervisore Anne Rutjes & Marcello Di Nisio

2017; Università di Berna, Berna, Svizzera & Università Gabrielle D'Annunzio Pescara-Chieti

- Valentina Videlei (clinical specialist in training). Titolo Progetto: "OPTimising ThERapy to prevent Avoidable hospital admissions in the Multimorbid elderly". Supervisore Anne Rutjes & Marcello Di Nisio

2017; Università di Berna, Berna, Svizzera & Università Gabrielle D'Annunzio Pescara-Chieti

- Italo Porfilio (clinical specialist in training). Titolo Progetto: "OPTimising ThERapy to prevent Avoidable hospital admissions in the Multimorbid elderly". Supervisore Anne Rutjes & Marcello Di Nisio

* Since 2008, I have been working part-time for the University of Bern, working remotely. On average I worked about 50% full time equivalent (fte) for the University of Bern. I travelled to Bern whenever I had teaching activities or face-to-face meetings that required my presence. For this reason, the time invested as main supervisor of MD-thesis and PhD thesis seems not continuous. I however continuously advise multiple PhD students and their supervisors regarding the set-up, analysis and write-up of their research projects, but preferred not to act as main supervisor. In my opinion, students benefit more from a supervisor who is physically present in the department, which I am not.

As I am resident in Chieti, I have assisted and advised Prof Di Nisio in his supervision of PhD students for many years and more recently have supervised Prof Paolo Amerio's medical specialist in training, and three of Prof. Tommaso Staniscia's medical specialists in training, locally at the

University in Chieti.

Selection of recent projects

Selection of recent projects

- 2020 – current
External Methodological Expert for the Swiss Federal Office of Public Health, participating as dedicated reviewer on health technology reports of the Federal Office of Public Health, ensuring they meet international high standards of quality.
- 2016 – current
Eunetha Joint Action 3, budget 20 million Euro, funded by the European Union (project HORIZON 2020, since June 2016). Dr. Rutjes is a delegate for Switzerland since June 2016, representing the University of Bern and the Federal Office of Public Health (Bern) in EUNETHTA, a HORIZON 2020 project, in which all European key institutes and governmental bodies with responsibility in health technology assessment participate to produce joint HTA-reports.
- 2015 – current
OPERAM, funded by the European Union, with overall budget of 6 '6 million Euro (May 2015 - April 2020). Contract number: 634238 - OPERAM - H2020-PHC-2014-2015 / H2020-PHC-2014-two-stage. 'OPTimising thERapy to prevent Avoidable hospital admissions in the Multimorbid elderly (OPERAM). Participating investigator of WP-5, as senior methodologist and statistician (PI OPERAM, prof. Rodondi N).
- 2015 – current
Project "Global trigger tool", led by Prof. Michael Simon at the University of Basel and InselSpital of Bern, Switzerland. Dr. Rutjes is involved as methodological and statistical expert in the primary and secondary studies on GTT testing, to advise Prof. Simon and his group on design, conduct, analyses and reporting aspects.
- 2013-2016
Member of the scientific board and active participant as responsible methodologist of the project entitled "Marcatori Circolanti In Oncologia, Guida all'uso Clinico appropriato: Sintesi comparativa delle raccomandazioni nelle linee guida di pratica clinica". (PI Dr. Massimo Gion), Centro e Programma Regionale Biomarcatori, Diagnostici, Prognostici e Predittivi, Azienda Ulss 12 Veneziana, Venezia, Italia
- 2012-current
Lead researcher and coordinator of all projects carried out for Rutjes Scientific Consultancy's clients (clinical practice guidelines, systematic reviews, network meta-analyses, health technology reports)
- 2012-2016
NHS Project Grant: Systematic reviews of interventions which target modifiable risk factors for dementia, senior scientific consultant for protocol development, training, supervision of review supervisors and author teams (n=12 reviews). Dr. Rutjes was contracted by the Oxford University, Oxford, United Kingdom as research consultant to lead 12 systematic review teams globally from methodological and statistical side. PI: Rupert McShane.
- 2014
Swiss Medical Board (SMB) Assessment Centre (collaborating partner in Swiss consortium). Output by 2014: 1) Improved SMB methods paper on Health Technology Assessment (HTA) reports (author); 2) HTA report on surgical versus conservative treatments for acute and sub-acute lumbar disc herniation with radicular syndrome (author, supervisor).
- from 01-08-2009 to 27-02-2010
Participation in a project commissioned by the World Health Organization (WHO) on the evaluation of vaccines for Haemophilus influenzae type b and for Pneumococcus

Conferences and Seminars

Member of organizing committees:

- 2020 Scientific responsible for the Abruzzo Regional Congress of the Italian Society of Thrombosis and Haemostasis, 25-26 September 2020, Chieti, Italy
- 2001 member of organization committee of the Seminar "Evidenced-Based Medicine in clinical practice", 24-26 January 2001 of the Dutch Cochrane Center, Amsterdam, the Netherlands

Participation as invited speaker:

- 2020 Congress organised by the Associazione Italiana Fisioterapisti AIFI: "New challenges in the

“multiverse” of Physiotherapy: moving research into clinical practice.”, Torino o Bologna, 23-25 October 2020. Theme oral presentation: “Translational research designs”

- 2018 Opening lecture at the Congresso Nazionale della Società Italiana di Fisioterapia (S.I.F) Linee guida in fisioterapia: dalle raccomandazioni alla pratica clinica. Istituto Clinico Humanitas IRCCS Milano, 20 October 2018. Theme: “Linee guida: razionale e metodologia”
- 2018 Faculty member at AIM 2018 Pre-conference Course: Methods for Cochrane reviews of diagnostic test accuracy. Marriot New York Brooklyn Bridge. Accreditation: to be communicated. Faculty: Anne Rutjes and Yemisi Takwoingi (27-07-2018), Academic International Medicine 2018 Congress (AIM 2018), Marriot New York Brooklyn Bridge. New York, USA, 27-29 July 2018.
- 2017 Invited oral presentation: “The STARD tool: essential items for reporting diagnostic accuracy studies” at the international congress Fitelab 2017 - The laboratory medicine: the science and art of uncertainty Venezia, 12-13 October 2017- Centro Don Orione Artigianelli
- 2012 Tutor for Grading of Recommendations Assessment, Development and Evaluation (short GRADE) Working Group
- 2012 Lecturing on behalf of Università degli Studi di Milano, Milano, Italy, at the course “The Architecture Of Clinical Reasoning” (from 12-09-2012 to 15-09-2012).

I have participated as speaker on 22 congresses, a complete list is found in Annex B.

Honours and awards

- 06/12/2017 - 06/12/2023 MIUR - **Abilitazione Scientifica Nazionale**
Bando 2016-Terzo Quadrimestre
Italian eligibility pursuant to article 16 of Law No. 240/2010 to exercise the functions of the associate professorship level (**fascia II**)
in academic recruitment field 06/M1, **SSD MED/01 Medical Statistics**
- 30/11/2017 - 30/11/2023 MIUR - Abilitazione Scientifica Nazionale
Bando 2016-Terzo Quadrimestre
Italian eligibility pursuant to article 16 of Law No. 240/2010 to exercise the functions of the **full professorship level** (fascia I)
in academic recruitment field 06/N1, “Scienze delle Professioni Sanitarie e delle Tecnologie Mediche Applicate”
- 09/06/2014 - 09/06/2020 MIUR - Abilitazione Scientifica Nazionale
Bando 2012 (DD n. 222/2012)
Italian eligibility pursuant to article 16 of Law No. 240/2010 to exercise the functions of the **associate professorship level** (fascia II)
in academic recruitment field 06/N1, SSD Med/48 **Nursing in Neuropsychiatry and Rehabilitation**

Selection of Memberships

- 2020 – current
 - Member of SIRTEPS: Società Italiana Ricerca Traslazionale E Professioni Sanitarie
- 2019 – current
 - COSMIN Delphi study: panel member (a Delphi study). Title of the project: “Risk of Bias tool to assess the methodological quality of studies on reliability of any type of outcome measurement instruments used in the biomedical field”
- 2018 – current
 - QUADAS-C: Advisory Group member. Title of the project: Development of QUADAS-2C, a quality assessment tool for comparative diagnostic test accuracy studies: a Delphi study
- from 15-10-2015 – current
 - Member of the groups “PRISMA-DTA” and “PRISMA-DTA for abstracts”, a global initiative with 24 experts joining expertise to generate guidance on the reporting of systematic reviews of diagnostic test accuracy studies. Coordinating centre: University of Ottawa and Ottawa Hospital Research Institute Clinical Epidemiology Program (contact person Matthew DF McInnes MD).
- 2013 – current

- Member of the Association of Epidemiology, the Netherlands (Vereniging voor Epidemiologie)

2014 – 2016

- LATITUDES Network: member of the steering committee. Title of the project: "Library of Assessment Tools and Instruments Used to assess Data validity in Evidence Synthesis"

from 01-01-2014 to 01-10-2015

- STARD: Member of the group STARD. Title of the project: "Updating STARD: Standards for Reporting Diagnostic Accuracy Studies"

2013 – current

- COMET: panel member. Title of the project: "Delphi study of the Core Outcome Measures in Effectiveness Trials (COMET) Initiative"

from 17-10-2005 – current

- Member and author of the "Cochrane Diagnostic Handbook working group"

from 01-12-2006 to current

- Scientific consultant e statistician "pro-bono publico" for the research group of Prof. Ettore Porreca and Prof. Di Nisio, University "G. D'Annunzio", Chieti, Italy

from 01-06-2013 – 01-01-2019

- PROBAST: panel member. Title of the project: "The prediction study risk of bias assessment tool".

from 23-02-2013 to 31-12-2016

- Member of the scientific board "pro-bono publico". Title of the project: "Marcatori Circolanti In Oncologia, Guida all'uso Clinico appropriato: Sintesi comparativa delle raccomandazioni nelle linee guida di pratica clinica". (PI Dr. Massimo Gion), Centro e Programma Regionale Biomarcatori, Diagnostici, Prognostici e Predittivi, Azienda Ulss 12 Veneziana, Venezia, Italia

from 01-03-2012 to 22-07-2014

- Member of the steering committee & working group. Title of the project: "STARDdem - STAndards for the reporting of Diagnostic accuracy studies dementia initiative". Coordinating center: Cochrane Dementia and Cognitive Improvement Group, Nuffield Department of Medicine, Oxford University, Oxford, UK.

2009 – 2014

- ETRELKA: member of the steering committee. Title of the project: "RCT evaluating the effectiveness of transcutaneous electrostimulation in patients with knee osteoarthritis". Coordinating center: University of Bern, Switzerland

Selection of Memberships

from 01-06-2010 to 10-10-2011

- Dr. Rutjes participated in the steering group to update the QUADAS-2 assessment tool, a tool for the quality assessment of diagnostic accuracy studies and she participated as methodological consultant for the University of Bristol, Bristol, United Kingdom, to identify and summarize the evidence base needed to update the tool.

from 2009 – current

- Cochrane:
 - Member and author of the "Cochrane Musculoskeletal Group", previously also editor
 - Member and author of the "Cochrane Vascular Group"
 - Member of the "Screening and Diagnostic Test Methods Group"
 - Author of the "Methodology Review Group"
 - Member of the "Bias Methods Group"
 - Editor, member and author of the "Dementia and Cognitive Improvement Group"
 - Member of the "Equity Methods Group"
 - Member of the "Cochrane Rehabilitation Group"

References

Prof. M. Zwahlen, University of Bern, Bern, Switzerland

Prof. P. Bossuyt, University of Amsterdam, Amsterdam, The Netherlands
Prof. P. Amerio, University degli Studi "G. d'Annunzio" Chieti – Pescara, Italia

Post Graduate Courses Statistical and methodological courses: 13
Didactic courses: 4
Good Clinical Practice courses: 4
For a detailed list see Annex C.

Certifications

- 1995 Certificate of equivalence between the degree in Physiotherapy in the Netherlands and the degree in Physiotherapy in Germany, released by the city of Bonn, Germany
- 1994 Licence to work as physiotherapist. Original Title: Bewijs van bevoegdheid van physiotherapist, released by the Ministry of Welfare, Health and Culture of the Netherlands.

ANNEXES

- A: Numbered list of publications;
- B: List of contributions to congresses;
- C: List of attended courses.

Data

27 April 2020

Luogo

Chieti

A copy of the Identity Card is attached to the application

Annex A. Numbered list of publications

Full Reports As Lead (First)
Author (n=14)

1. Rutjes AW, Denton DA, Di Nisio M, Chong LY, Abraham RP, Al-Assaf AS, Anderson JL, Malik MA, Vernooij RW, Martínez G, Tabet N, McCleery J. Vitamin and mineral supplementation for maintaining cognitive function in cognitively healthy people in mid and late life. *Cochrane Database Syst Rev*. 2018 Dec 17;12:CD011906. doi: 10.1002/14651858.CD011906.pub2.
2. Rutjes AW, Di Nisio M. 24 weeks of Pilates-aerobic and educative training to improve body fat mass in elderly Serbian women. *Clin Interv Aging*. 2014 Apr 28;9:741. doi: 10.2147/CIA.S62054. eCollection 2014.
3. Rutjes AW*, Stoecklin-Wasmer C*, da Costa B, Salvi G, Jüni P, Sculean A. Resorbable Collagen Membranes for Periodontal Regeneration. A Systematic Review. *J Dent Res*. 2013 Sep;92(9):773-81. * Authors contributed equally
4. Rutjes AW, Jüni P, da Costa BR, Trelle S, Nüesch E, Reichenbach S. Viscosupplementation for osteoarthritis of the knee: systematic review and meta-analysis. *Ann Intern Med*. 2012 Aug 7;157(3):180-91.
5. Rutjes AW*, Reichenbach S*, Nüesch E, Trelle S, Jüni P. Joint lavage for osteoarthritis of the knee. *Cochrane Database Syst Rev*. 2010 May 12;5:CD007320. Review.
*Authors contributed equally
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7. Rutjes AW, Nüesch E, Sterchi R, Jüni P. Therapeutic ultrasound for osteoarthritis of the knee or hip. *Cochrane Database Syst Rev*. 2010 Jan 20;(1):CD003132. Review.
8. Rutjes AW, Nüesch E, Reichenbach S, Jüni P. S-Adenosylmethionine for osteoarthritis of the knee or hip. *Cochrane Database Syst Rev*. 2009 Oct 7;(4):CD007321. Review.
9. Rutjes AW*, Nüesch E*, Husni E, Welch V, Jüni P. Oral or transdermal opioids for osteoarthritis of the knee or hip. *Cochrane Database Syst Rev*. 2009 Oct 7;(4):CD003115. Review.
* Authors contributed equally
10. Rutjes AW, Nüesch E, Sterchi R, Kalichman L, Hendriks E, Osiri M, Brosseau L, Reichenbach S, Jüni P. Transcutaneous electrostimulation for osteoarthritis of the knee. *Cochrane Database Syst Rev*. 2009 Oct 7;(4):CD002823. Review.
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12. Rutjes AW, Reitsma JB, Di Nisio M, Smidt N, van Rijn JC, Bossuyt PM. Evidence of bias and variation in diagnostic accuracy studies. *CMAJ*. 2006 Feb 14;174(4):469-76.
13. Rutjes AW, Reitsma JB, Vandenbroucke JP, Glas AS, Bossuyt PM. Case-control and two-gate designs in diagnostic accuracy studies. *Clin Chem*. 2005 Aug;51(8):1335-41. Epub 2005 Jun 16.
14. Rutjes AWS, van Rossum E, Verhagen AP, Berghmans LCM, de Bie

- RA. Effectivity of electrostimulation as treatment for motor urge incontinence in adult women: a systematic review. [Effectiviteit van elektrostimulatie als behandeling voor volwassen vrouwen met motorische urge-incontinentie: een systematische review]. Ned. T. Fysiother. 2001;111:2-12.
15. Gates NJ, Rutjes AW, Di Nisio M, Karim S, Chong LY, March E, Martínez G, Vernooij RW. Computerised cognitive training for 12 or more weeks for maintaining cognitive function in cognitively healthy people in late life. *Cochrane Database Syst Rev.* 2020 Feb 27;2:CD012277. doi: 10.1002/14651858.CD012277.pub3.
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Full reports as senior (last)
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Conference Abstracts (n=5)

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- Assaf JD, Helfer H, Pinson M, Lerede T, Falanga A, Lacroix P, Desormais I, Maraveyas A, Bozas G, Aggarwal A, Rickles F, Girard P, Caliandro R, Martinez Del Prado P, De Prado Maneiro C, Garcia Escobar I, Gonzalez Santiago S, Schmidt J, Dublanchet N, Aquilanti S, Confrere E, Paleiron N, Grange C, Sevestre MA, Ferrer Perez AI, Salgado Fernandez M, Falvo N, Thaler J, Otten HM, Carrier M, Bergmann JF, Buller HR, Di Nisio M. Treatment and long-term clinical outcomes of incidental pulmonary embolism in cancer patients: An international prospective cohort study. *Thrombosis Research*. Conference: 9th International Conference on Thrombosis and Hemostasis Issues in Cancer, ICTHIC 2018. Italy. 164 (Supplement 1) (pp S193-S194), 2018. Date of Publication: April 2018.
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- WHO Online publications (n=3)
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120. Pippa Scott, Matthias Egger, Anne W.S. Rutjes, Lilian Bermetz,

Monographs (n=5)

- Nadège Robert, Susana Scott, Tania Lourenço, Nicola Low. Systematic review of pneumococcal conjugate vaccine schedules: Executive summary of findings about reduced dose schedules. Summary for SAGE meeting, November 2010: preliminary data WHO: (accessed at 11-01-2011)
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Annex B. List of contributions to congresses

From 23-10-2020 to 25-10-2020	<ul style="list-style-type: none"> ▪ SIRTEPS congress 2020 in Torino. Invited speaker on request of Prof. Paolo Pillastrini and the Associazione Italiana Fisioterapisti AIFI. Theme of oral presentation: "Translational research designs" Details yet to be communicated
from 25-09-2020 to 26-09-2020	<ul style="list-style-type: none"> ▪ Abruzzo Regional Congress of the Italian Society of Thrombosis and Haemostasis, 25-26 September 2020, Chieti, Italy ▪ Scientific responsible
20-10-2018	<ul style="list-style-type: none"> ▪ Congresso Nazionale della Società Italiana di Fisioterapia (S.I.F) 2018. Linee guida in fisioterapia: dalle raccomandazioni alla pratica clinica. Istituto Clinico Humanitas IRCCS Milano, 20 October 2018. ▪ Opening lecture of the congress: "Linee guida: razionale e metodologia"
27-07-2018	<ul style="list-style-type: none"> ▪ Academic International Medicine 2018 Congress (AIM 2018) Marriot New York Brooklyn Bridge. New York, USA, 27-29 July 2018. ▪ Invited 1 day Pre-conference Course: Methods for Cochrane reviews of diagnostic test accuracy. Faculty: Anne Rutjes and Yemisi Takwoingi (27-07-2018)
from 13-10-2017 to 14-10-2017	<ul style="list-style-type: none"> ▪ I CONGRESSO INTERNAZIONALE FITELAB 2017 - "The laboratory medicine: the science and art of uncertainty", Venezia, 12-13 October 2017- Centro Don Orione Artigianelli ▪ Oral presentation: "The STARD tool: essential items for reporting diagnostic accuracy studies"
from 03-10-2015 to 07-10-2015	<ul style="list-style-type: none"> ▪ Oral presentation : Rutjes AW, Maione A, Silletta MG, Di Nisio M. Selective reporting of outcome data: are we following the Cochrane Handbook guidance?. In: Filtering the information overload for better decisions. Abstracts of the 23rd Cochrane Colloquium; 2015 3-7 Oct; Vienna, Austria. John Wiley & Sons; 2015.
from 19-09-2013 to 23-09-2013	<ul style="list-style-type: none"> ▪ Leeflang MMG, Whiting P, Rutjes AW, Reitsma H. Systematic reviews of diagnostic accuracy studies. Assessment of methodological quality. In: Better Knowledge for Better Health Un meilleur savoir pour une meilleure santé. Abstracts of the 21st Cochrane Colloquium; 2013 19-23 Sep; Québec City, Canada. John Wiley & Sons; 2013.
from 19-09-2013 to 23-09-2013	<ul style="list-style-type: none"> ▪ The 21st Cochrane Colloquium Better Knowledge for Better Health. ▪ Workshop citation: Leeflang MMG, Whiting P, Rutjes AW, Reitsma H. Systematic reviews of diagnostic accuracy studies. Assessment of methodological quality. In: Better Knowledge for Better Health Un meilleur savoir pour une meilleure santé. Abstracts of the 21st Cochrane Colloquium; 2013 19-23 Sep; Québec City, Canada. John Wiley & Sons; 2013. ▪ Poster presentation: Rutjes AW. Selective reporting: a proxy or a more direct indicator of our confidence in the summary estimates?. In: Better Knowledge for Better Health Un meilleur savoir pour une meilleure santé. Abstracts of the 21st Cochrane Colloquium; 2013 19-23 Sep; Québec City, Canada. John Wiley & Sons; 2013.
from 30-09-2012 to 03-10-2012	<ul style="list-style-type: none"> ▪ XXth Cochrane Colloquium, Auckland, New Zealand, 30 settembre-3 octobre 2012. ▪ Workshop: Mariska Leeflang, Anne Rutjes, Penny Whiting. Diagnostic test accuracy reviews 2: Assessment of methodological quality.
from 19-10-2011 to 22-10-2011	<ul style="list-style-type: none"> ▪ XIXth Cochrane Colloquium, Madrid, Spagna, 19-22 october 2011. ▪ Workshop: Penny Whiting , Anne Rutjes , Hans Reitsma, Mariska Leeflang, Marie Westwood. Diagnostic test accuracy reviews 3: Assessment of methodological quality. ▪ Poster presentation: da Costa BR, Rutjes AWS, Johnston BC, Reichenbach S, Nuesch E, Guyatt G, Jüni P. Standardized mean differences may be used to derive odds ratios of treatment response: meta-epidemiological study. 19th Cochrane Colloquium, Madrid, Spain (October 19-22, 2011) ▪ Poster presentation : da Costa BR, Rutjes AWS, Johnston BC, Nuesch E, Reichenbach S, Guyatt G, Jüni P. Pooled standardised mean differences and estimated heterogeneity between trials depend on the type of assessment tool analysed: meta-epidemiological study. 19th Cochrane Colloquium, Madrid, Spain (October 19-22, 2011)
from 24-03-2011 to 26-03-2011	<ul style="list-style-type: none"> ▪ EbM & Individualisierte Medizin. 12. Jahrestagung des Deutschen Netzwerks Evidenzbasierte Medizin. Berlin, 24-26 marzo 2011. Düsseldorf: German Medical Science GMS Publishing House; 2011. ▪ Oral presentation: Heike Raatz, Penny Whiting, Marie Westwood, Anne W. Rutjes, Susan Mallett, Mariska Leeflang, Johannes B. Reitsma, Jon Deeks, Jonathan Sterne, Patrick Bossuyt. QUADAS-2: an updated quality assessment tool for diagnostic accuracy studies.
from 18-10-2010 to 22-10-2010	<ul style="list-style-type: none"> ▪ XVIIIth Cochrane Colloquium, 18-22 October 2010, Colorado, USA: ▪ Workshop: Mariska Leeflang, Penny Whiting, Hans Reitsma and Anne Rutjes. Assessment of methodological quality. Introduction to meta-analysis by Yemisi Takwoingi. ▪ Workshop: Penny Whiting, Anne Rutjes, Hans Reitsma, Mariska Leeflang, Patrick Bossuyt and Jonathan Sterne. QUADAS-2: An opportunity to pilot test an update to QUADAS.
from 11-10-2009 to 14-10-2009	<ul style="list-style-type: none"> ▪ XVIIth Cochrane Colloquium, Singapore, Singapore, 11-14 October 2009. ▪ Oral presentation: Anne WS Rutjes, Johannes B Reitsma, Les Irwig, Patrick MM Bossuyt . Partial and differential verification in diagnostic accuracy studies Abstract [O06-1].
from 03-10-2008 to 07-10-2008	<ul style="list-style-type: none"> ▪ XVth Cochrane Colloquium, 'Evidence in the era of globalisation', 3-7 October 2008, Freiburg, Germania.

- Oral presentation : AWS Rutjes, N Smidt, M Di Nisio, JG Lijmer, BWJ Mol, JC Van Rijn, PMM Bossuyt, JB Reitsma. Study design features affect estimates of sensitivity and specificity, but effects may vary Abstract [O03-9]
- Oral presentation : E Nüesch, S Trelle, S Reichenbach, A Rutjes, M Scherrer, E Bürgi, P Jüni. Empirical evidence of attrition bias in meta-analyses of randomized controlled trials Abstract [O02-7].
- Workshop: Penny Whiting, Anne Rutjes, Mariska Leeflang, Vasily Vlassov, Hans Reitsma. Systematic reviews of diagnostic accuracy studies. 2: assessment of methodological quality Abstract [W04].
- Poster: E Nüesch, S Reichenbach, S Trelle, A Rutjes, E Bürgi, M Scherrer, P Jüni. Bias associated with inadequate or unclear concealment of allocation in randomized osteoarthritis trials. Abstract [P08-77].
- Poster: P Jüni, E Nüesch, S Reichenbach, A Rutjes, M Scherrer, E Bürgi, S Trelle. Overestimation of treatment effects associated with small sample size in osteoarthritis research. Abstract [P08-79].
- from 03-10-2008 to 07-10-2008
 - XVth Cochrane Colloquium, 'Evidence in the era of globalisation', 3-7 October 2008, Freiburg, Germania.
 - Oral presentation : AWS Rutjes, N Smidt, M Di Nisio, JG Lijmer, BWJ Mol, JC Van Rijn, PMM Bossuyt, JB Reitsma. Study design features affect estimates of sensitivity and specificity, but effects may vary Abstract [O03-9]
 - Oral presentation : E Nüesch, S Trelle, S Reichenbach, A Rutjes, M Scherrer, E Bürgi, P Jüni. Empirical evidence of attrition bias in meta-analyses of randomized controlled trials Abstract [O02-7]. Workshop: Penny Whiting, Anne Rutjes, Mariska Leeflang, Vasily Vlassov, Hans Reitsma. Systematic reviews of diagnostic accuracy studies. 2: assessment of methodological quality Abstract [W04].
 - Poster: E Nüesch, S Reichenbach, S Trelle, A Rutjes, E Bürgi, M Scherrer, P Jüni. Bias associated with inadequate or unclear concealment of allocation in randomized osteoarthritis trials. Abstract [P08-77].
 - Poster: P Jüni, E Nüesch, S Reichenbach, A Rutjes, M Scherrer, E Bürgi, S Trelle. Overestimation of treatment effects associated with small sample size in osteoarthritis research. Abstract [P08-79].
- from 23-10-2006 to 26-10-2006
 - XIVth Cochrane Colloquium, 'Come to the craic', Dublin, Ireland, 23-26 October 2006.
 - Workshop: Penny Whiting, Anne Rutjes, Mariska Leeflang, Hans Reitsma. Systematic reviews of diagnostic accuracy studies. 2: assessment of methodological quality
- from 22-10-2005 to 26-10-2005
 - XIIIth Cochrane Colloquium, Melbourne, Australia, 22-26 October 2005. Oral: Nynke Smidt, Anne Rutjes, Danielle van der Windt, Raymond Ostelo, Johannes Reitsma, Patrick Bossuyt, Lex Bouter, Henrica de Vet Does the STARD-statement improve the quality of reporting of diagnostic accuracy studies? Abstract [O02]
 - Oral presentation : Johannes Reitsma, Mariska Leeflang, Anne Rutjes, Rob Scholten, Patrick Bossuyt, Aeilko Zwiderman. Bivariate meta-analysis of sensitivity and specificity in diagnostic reviews Abstract [O27]
 - Oral presentation : Jon Deeks, Anne Rutjes, Johannes Reitsma, Mariska Leeflang, Patrick Bossuyt. Statistical methods for investigating heterogeneity related to methodological quality in meta-analyses of studies of diagnostic accuracy. Abstract [O28].
 - Workshop: Penny Whiting, Anne Rutjes, Hans Reitsma, Vasily Vlassov. Systematic reviews of diagnostic accuracy studies 2: assessment of methodological quality Abstract [W18].
 - Poster: Anne Rutjes, Johannes Reitsma, Jan Vandenbroucke, Afina Glas, Patrick Bossuyt. Case-control and two-gate designs in diagnostic accuracy studies. Abstract [P033].
 - Poster: Anne Rutjes, Johannes Reitsma, Les Irwig, Patrick Bossuyt. Partial and differential verification in diagnostic accuracy studies Abstract [P034].
 - Poster: Mariska Leeflang, Rob Scholten, Hans Reitsma, Anne Rutjes, Jon Deeks, Patrick Bossuyt. Incorporating methodological quality in meta-analyses of diagnostic accuracy studies. Abstract [P017].
- from 09-10-2001 to 13-10-2001
 - IXth Cochrane Colloquium, 'The evidence dissemination process: how to make it more efficient', Lyon, France, 9-13 October 2001.
 - Workshop: Henrica de Vet, Constantine Gatsonis, Anne Rutjes. Introduction to diagnostic accuracy studies.
- from 26-10-2003 to 31-10-2003
 - XIth Cochrane Colloquium, 'Evidence, health care and culture', Barcelona, Spain, 26-31 October 2003.
 - Oral presentation : Rutjes A.W.S, Reitsma JB, Di Nisio M, Smidt N, van Rijn JC, Bossuyt PM. Biases and their effects in studies evaluating diagnostic accuracy
 - Oral presentation : J.B. Reitsma, A.W.S. Rutjes, A.S. Glas, R.J.P.M. Scholten, P.M.M. Bossuyt. Bivariate and SROC regression models in meta-analysis of studies of diagnostic accuracy.
- from 11-12-2003 to 11-12-2003
 - Symposium of NVTAG ZonMw, Program HTA-methodology, 11 December 2003, The Hague (Den Haag), the Netherlands.
 - Oral presentation : AWS Rutjes, JB Reitsma, M Di Nisio, N Smidt, JC van Rijn, AH Zwiderman, JG Lijmer, PMM Bossuyt. Sources of bias in diagnostic accuracy studies [Bronnen van bias in onderzoek naar diagnostische accuratesse].

- from 02-10-2004 to 06-10-2004
- XIIth Cochrane Colloquium, 'Bridging the gaps', Ottawa, Canada, 2-6 October 2004.
 - Oral presentation : Anne Rutjes, Johannes Reitsma, Marcello Di Nisio, Nynke Smidt, Jeroen van Rijn, Patrick Bossuyt. Design related bias and sources of variation in diagnostic accuracy studies Abstract [O12].
 - Oral presentation : Mariska Leeflang, Rob Scholten, Hans Reitsma, Anne Rutjes, Patrick Bossuyt. Should diagnostic search filters be used in systematic reviews? Abstract [O49]
 - Oral presentation : Anne Rutjes, Danielle van der Windt, Raymond Ostelo, Johannes Reitsma, Patrick Bossuyt, Lex Bouter Quality of reporting of diagnostic accuracy studies Abstract [O83].
- from 28-11-1998 to 28-11-1998
- Symposium "Onderzoek in Beweging: incontinentie tot de bodem uitgezocht", Academic Hospital Maastricht, Maastricht, the Netherlands, 28 November 1998. Oral: Rutjes A. Urine incontinence, a randomised controlled trial. Original title "Urine incontinentie, onderzoeksopzet voor een gerandomiseerde trial".

ANNEX C. List of Attended Post Graduate Courses

from 23-01-2020 to 25-01-2020	▪ Participant in Swiss Epidemiology Winter School, course "Parametric Competing Risks and Multi-state Models", 1 ECTS credits. Faculty Paul Lambert e Michael Crowther, Institute of Social and Preventive Medicine ISPM, University of Bern
from 13-06-2017 to 15-06-2017	▪ Participant in evidence synthesis and (statistical) interpretation course for editors "Cochrane GRADE Workshop with two parallel streams; GRADE and GRADE-CERQual" at Azienda Ospedaliera Universitaria Policlinico Di Modena, Italy
from 16-01-2017 to 18-01-2017	▪ Participant in Swiss Epidemiology Winter School, course Statistical Analysis with Missing Data Using Multiple Imputation and Inverse Probability Weighting, 1.5 ECTS credits. Faculty James Carpenter and Marcel Zwahlen
from 18-09-2012 to 20-09-2012	▪ Participant in the didactic course "Basics der Hochschuldidaktik" (Faculty Thomas Tribelhorn, Lydia Rufer), Zentrum für universitäre Weiterbildung Hochschuldidaktik. University of Bern, Bern, Switzerland. 1.5 ECTS credits
from 09-06-2012 to 10-06-2012	▪ Participant in the Good Clinical Practice course "Clinical investigators II: Advanced GCP & clinical research training course", CTU Bern, Inselspital, Institute of Social and Preventive Medicine, University of Bern, Bern, Switzerland
from 16-01-2012 to 19-01-2012	▪ Participant in the course "Indirect comparisons and network meta-analysis: Evidence synthesis with multiple treatments" 1 ECTS credits (Faculty Prof. Dr. Julian Higgins, Dr. Georgia Salanti, Prof. Dr. med. Matthias Egger), Swiss Epidemiology Winter School in Wengen, Switzerland.
from 01-01-2012 to current	▪ GRADE Workshop for editorial teams and others: "Summary of Findings and Assessment of Quality of Evidence", hosted by the Grading of Recommendations Assessment, Development and Evaluation (short GRADE) Working Group, Auckland, New Zealand. Participant in numerous other GRADE workshops and meetings attended by methodological experts around the world
from 05-05-2011 to 06-05-2011	▪ Participant in the statistical course "Advanced STATA" (faculty: Dr Margaret May), University of Bristol, Bristol, UK
from 24-01-2011 to 24-01-2011	▪ Participant in the Good Clinical Practice course "Clinical investigators I: Basic GCP & clinical research training course", CTU Bern, Inselspital, Institute of Social and Preventive Medicine, University of Bern, Bern, Switzerland.
from 12-03-2010 to 12-03-2010	▪ Participant in the statistical online course online at statistics.com: "Sample Size using PASS software from NCSS", Credits: 5.0 C.E.U's (Faculty: Dr. Tom Ryan)
from 08-12-2009 to 08-12-2009	▪ Participant in the Good Clinical Practice course "Profess Basic ICH GCP Training Course" (Dr. H. Pieterse), della PROFESS® Medical Consultancy B.V. presso la ICTOM B.V., Amsterdam, The Netherlands
from 24-03-2006 to 24-03-2006	▪ Participant in the online Good Clinical Practice course "Human Participants Protection Education for Research Teams", sponsored by National Institutes of Health (NIH)
from 20-04-2005 to 22-04-2005	▪ Participant in the statistical and methodological course: "CE09 Bayesian Statistics". Nihes 2004-2005 (Prof. E. Lesaffre), Erasmus MC, Rotterdam, The Netherlands
from 24-05-2004 to 28-05-2004	▪ Participant in the statistical and methodological course: "Diagnostic Research: Concepts and Principles" (Prof. O.S. Miettinen)", NIHES postgraduate epidemiology program, Driebergen, The Netherlands
from 05-04-2004 to 15-04-2004	▪ Participant in the statistical and methodological course "Genetic Epidemiology" (faculty Prof. A.H. Zwinderman), AMC, Amsterdam, The Netherlands
from 03-03-2003 to 07-03-2003	▪ Participant in the statistical and methodological course "Advanced Diagnostic Research" (Prof. C. Moons)", NIHES postgraduate epidemiology program, Utrecht, The Netherlands.
from 17-12-2001 to 17-12-2001	▪ Participant in the didactic course for university lecturers: "Didactical and Educational Skills for teachers in training at the AMC (J.L.J de Heer-Dehue, MSc and D. Peeters MSc)", AMC, Amsterdam, The Netherlands (8 meetings)
from 23-01-2001 to 08-05-2001	▪ Participant in the didactic course for university lecturers: "Evidence Based Medicine, Module B: How to teach and practice Evidence Based Medicine (Prof. W.J.J. Assendelft, Prof. E. Schadé)", division of Public Health, AMC, Amsterdam, The Netherlands. 12.5 hours, accredited by LHV number Z01124
from 19-12-2000 to 13-01-2001	▪ Participant in the didactic course for university lecturers "Evidence Based Medicine, Module A: Critical appraisal" (Dr. Margreet Wieringa-de Waard & Prof. W.J.J. Assendelft)", division of Public Health, AMC, Amsterdam, The Netherlands. 15 hours, accredited by LHV number N00572
from 01-01-2000 to 01-01-2000	▪ Participant in the statistical and methodological course "Practical Data-analysis" (faculty Prof. P.M.M. Bossuyt)", Clinical epidemiology and biostatistics, AMC, Amsterdam, The Netherlands.
from 01-10-1999 to 31-10-1999	▪ Participant in the statistical and methodological course "Biostatistics" (faculty Prof. P.M.M. Bossuyt), Clinical epidemiology and biostatistics, AMC, The Netherlands.