



## Europass Curriculum Vitae



### Personal information

Surname(s) / First name(s) **Timen Aura, MD, PhD**

### Occupational field **communicable disease control**

#### Work experience

Dates	01/01/2011-
Occupation or position held	Head National Coordination Centre for Outbreak Management (LCI, Landelijke Coördinatie Infectieziektebestrijding)
Main activities and responsibilities	Final responsibility for the LCI, including scientific output, financial reports and human resources Member of the management team of the Centre for Infectious Disease Control Member of the management team of the RIVM Scientific secretary of the Outbreak Management Team of the Netherlands Head National WHO focal point and EWRS focal point, competent body for preparedness and response  Responsible for outbreak management and development and implementation of (crisis) guidelines for communicable disease control Guidance to professionals (doctors, regional consultants, nurses, policy advisors, fellows) in outbreak situations Responsible for notifications to WHO, ECDC, EWRS on behalf of the Netherlands
Name and address of employer	RIVM (National Institute for Public Health and the Environment) Po Box 1 (interne postbak 13) 3720 BA Bilthoven The Netherlands
Dates	01/07/2005 → 01/01/2011
Occupation or position held	head RESPONSE department of the LCI senior consultant communicable disease control
Main activities and responsibilities	in charge of organizing the response to threats and outbreaks from the Centre for Infectious Disease Control (CIb) leading professionals (doctors, regional consultants, nurses, policy advisors, fellows) within the Response department member management team LCI

---

Name and address of employer LCI, Cib, RIVM  
Dates 01/01/2002 - 01/07/2005  
Occupation or position held consultant communicable disease control  
Main activities and responsibilities guidance to public health services and health professionals on communicable disease control ,  
guidelines development  
member management team GGD Nederland  
Name of employer LCI, GGD Nederland

Dates 01/04/2000 - 31/12/2002  
Occupation or position held consultant communicable disease control (part time)  
Main activities and responsibilities scientific guidance to public health services, guidelines development  
Name employer LCI, Inspectorate of Health, Ministry of Health, The Netherlands

Dates 01/01/1996 - 31/12/2001; (2000-2001 part time)  
Occupation or position held public health physician, coordinator communicable disease control team (including travellers' medicine)  
advisor of the director (medisch eindverantwoordelijke voor de hele GGD: 2000-2001)  
Main activities and responsibilities Activities in the broad domain of public health  
Name of employer GGD Delfland

Dates 01/08/1990 - 01/06/1992  
Occupation or position held medical coordinator Medecins Sans Frontieres (AZG) in Romania; part time  
Main activities and responsibilities coordination of projects aiming the control of the transmission of blood borne pathogens (HBV and HIV)  
Name of employer AZG (MSF) in Romania

## Education and training

Dates 2005-2010  
Title of qualification awarded PhD in medical sciences (thesis: Outbreak management: towards a model for the next crisis)  
Name and type of organisation providing education and training Radboud University Nijmegen Medical Centre  
Level in national or international classification PhD degree on Dec 15, 2010  
Dates 01/04/1998 - 15/04/2000  
Title of qualification awarded specialist in communicable disease control  
Principal subjects / occupational skills covered training in the epidemiology and control of infectious diseases  
Name and type of organisation providing education and training National School of Public Health, Utrecht  
The Netherlands  
Level in national or international classification medical specialization, registration with the KNMG-SGRC register (profiel infectieziektebestrijding)  
Dates 01/01/1997 - 15/06/1999  
Title of qualification awarded public health specialist (arts maatschappij en gezondheid)  
awarded with the "SGC prize 2000"

---

Principal subjects / occupational skills covered	training in all the domains of public health including management and leadership skills
Name and type of organisation providing education and training	Netherlands School of Public Health, Utrecht
Level in national or international classification	medical specialization in community medicine, registration with the specialists register of the Royal Dutch Society of Physicians (KNMG- SGRC)
Dates	01/01/1994 - 15/12/1995
Title of qualification awarded	Medical doctor (MD)
Principal subjects / occupational skills covered	Internship (co-schappen)
Name and type of organisation providing education and training	Free University of Amsterdam, The Netherlands Medical Faculty
Level in national or international classification	medical degree (MD)
Dates	01/09/1985 - 30/09/1991
Title of qualification awarded	medical doctor (MD)
Principal subjects / occupational skills covered	medical training
Name and type of organisation providing education and training	University of Cluj (Klausenburg), Romania Faculty of Medicine and Pharmacy Iuliu - Hatieganu
Level in national or international classification	medical degree (MD)

### **Personal skills and competences**

<b>Dutch</b>	C2 Proficient user
<b>English</b>	C2 Proficient user
<b>French</b>	C2 Proficient user
<b>Romanian</b>	C2 Proficient user

Social skills and competences  
team work  
intercultural skills

Organisational skills and competences  
project management, leadership  
management and organisation

Computer skills and competences  
Competent with most Microsoft Office Programmes, SPSS

---

Boards, committees	<p>Member/scientific secretary of the Outbreak Management Team, the Netherlands</p> <p>Member of the EWRS committee</p> <p>Member of the scientific Advisory Board of the Dutch Hepatitis Foundation (2001-2009)</p> <p>Co-founder of the Section Infectious Diseases Control (SIB), of the Dutch Society for Infectious Diseases (VIZ); secretary of the board (2000-2004)</p> <p>Co-founder of the EUPHA section Infectious Disease Control (2004);</p> <p>President of the EUPHA section Infectious Disease Control (since November 2012)</p> <p>Member of the scientific board of various conferences among which:</p> <ul style="list-style-type: none"> <li>- VIZ-NVMM conference of the Netherlands and Flanders, Amsterdam 2004</li> <li>- VIZ top scientific meeting Utrecht, 2008</li> <li>- NVMM-VIZ conference, 2009</li> </ul> <p>Member of the expert group on hemorrhagic fevers, of the ECDC (European Centre for Disease Control and Prevention)</p> <p>Member of the polio expert group November 2013 of the ECDC</p> <p>Member of the Advisory Forum of the ECDC on behalf of the EUPHA</p>
Current main research activities	<ul style="list-style-type: none"> <li>- research on the development of a model to improve outbreak management and authoritative guidance in crises (funded by ZonMw, Dutch research foundation).</li> <li>- work package leader AsiaFluCap –project, an EU-financed international project on health care service assessment and preparation for a pandemic in 6 countries in Asia (Thailand, Taiwan, Laos, Vietnam, Cambodia, Indonesia), in collaboration with the London School of Hygiene and Tropical Medicine and the University of Hamburg</li> <li>- work package leader “Impact of A/H1N1 on patients and health professionals”, financed by ZonMw</li> <li>- development of indicators for optimal implementation of crisis guidelines in co-operation with the Radboud University Nijmegen Medical Centre (funded by ZonMw)</li> </ul>
Teaching activities	<ul style="list-style-type: none"> <li>- member of the board of examiners for the specialists in communicable disease control</li> <li>- presentations given during various courses or symposia in Leiden, Utrecht, Nijmegen, Amsterdam, Maastricht, Rotterdam (including the Boerhaave course on Infectious Diseases)</li> <li>- UVA – AMMA course (yearly)</li> <li>- NSPOH – in various modules (MPH level)</li> </ul>
International projects aimed to improve communicable disease control	<ul style="list-style-type: none"> <li>- MATRA project to improve control of communicable diseases in Estonia (2004-2005)</li> <li>- MTEC course aiming to improve control of communicable diseases in a large number of countries in Eastern Europe (training in The Hague, Prague)</li> <li>- Twinning project in Slovakia (2006-2007) aiming at improving the Infrastructure for communicable disease control</li> </ul>

---

## Peer-reviewed publications

**Timen A**, Bovée L, Leentvaar-Kuijpers A, Peerbooms PG, Coutinho RA. Tinea capitis in primary school age children in southeastern Amsterdam: primarily due to *Trichophyton tonsurans*. *Ned Tijdschr Geneeskd.* 1999 Jan 2;143(1):24-7.

De Vries M; Dankert J; Ruijs H; **Timen A**; de Greeff S; de Melker H. Universal vaccination against group C meningococci and pneumococci; advice from the Health Council of the Netherlands. *Ned Tijdschr Geneesk* 2002;146(33):1562-3.

Boukes FS, Wiersma TJ, Beaujean D, Burgmeijer RJ, **Timen A**. Tetanus prophylaxis in general practice. *Ned Tijdschr Geneesk*. 2004 Oct 30;148(44):2172-3.

Hahné S; Ward M; Abbink F; van Binnendijk R; Ruijs H; van Steenbergen J; **Timen A**; de Melker H. Large ongoing rubella outbreak in religious community in the Netherlands since September 2004. *Euro Surveill* 2005;10(3):E050303.2.

Van der Veen Ytje; Hahné Susan; Ruijs Helma; van Binnendijk Rob; **Timen Aura**; van Loon A M; de Melker Hester. Rubella outbreak in an unvaccinated religious community in the Netherlands leads to cases of congenital rubella syndrome. *Euro Surveill* 2005;10(11):E051124.3.

Van Steenbergen J E; **Timen A**. The control of infectious diseases in The Netherlands. *Nederlands tijdschrift voor geneeskunde* 2005;149(4):177-81.

Hahné S; Macey J; Tipples G; Varughese P; King A; van Binnendijk R; Ruijs H; van Steenbergen J; **Timen A**; van Loon A; de Melker H. Rubella outbreak in an unvaccinated religious community in the Netherlands spreads to Canada. *Euro Surveill* 2005;10(5):E050519.1.

**Timen A**; van Vliet J A; Koopmans M P G; van Steenbergen J E; Coutinho R A. Avian influenza H5N1 in Europe: little risk as yet to health in the Netherlands. *Ned Tijdschr Geneeskunde* 2005;149(46):2547-9.

Van Duijn C; Ruijs H; **Timen A**. Second probable case of vCJD in the Netherlands. *Euro Surveill* 2006;11(6):E060629.4.

**Timen A**; van Doornum G J J; Schutten M; Conyn-van Spaendonck M A E; van der Meer J W M; Osterhaus A D M E; van Steenbergen J E. Public health implications of using various case definitions in The Netherlands during the worldwide SARS outbreak. *Clinical microbiology and infection*. 2006;12(12):1214-20.

Van Wijk P; Pelk-Jongen M; Wijkmans C; Voss A; **Timen A**; Schneeberger P. Variation in interpretation and counselling of blood exposure incidents by different medical practitioners. *Am J Infect Control* 2008;36(2):123-8.

Beaujean D J M A; van Ouwkerk I M S; **Timen A**; Burgmeijer R J F; Vermeer de Bondt P E; van Steenbergen J E. Possible exposure to rabies in anamnesis: rabies advice in the Netherlands. *Nederlands tijdschrift voor geneeskunde* 2008;152(9):473-7.

**Timen A**; Hulscher M; Vos D; van de Laar M; Fenton K; van Steenbergen J; van der Meer J; Grol R. Control measures used during lymphogranuloma venereum outbreak, Europe. *Emerg Infect Diseases* 2008;14(4):573-8.

Ruijs W L M; **Timen A**. Guideline 'Needlestick injuries': risk assessment and post-exposure management in practice. *Ned Tijdschr Geneesk* 2008;152(36):1967-71.

Van Binnendijk R; Hahné Susan; **Timen A**; van Kempen G; Kohl R; Boot H; Wolthers K; Wetsteijn J; de Vries A; Westert K; Brown K; de Swart R. Air travel as a risk factor for introduction of measles in a highly vaccinated population. *Vaccine* 2008;26(46):5775-7

Koopmans M; Meijer A; van der Lubben M; Boucher C; Fouchier R; Osterhaus A; **Timen A**; de Jong M; van Steenbergen J. Combating the new influenza A (H1N1) virus. I. Overview of the relevant virological aspects] *Ned Tijdschr Geneesk* 2009;153():A770.

Van Vliet J; Haringhuizen G; **Timen A**; Bijkerk P. Changes in the duty of notification of infectious diseases via the Dutch Public Health Act. *Nederlands tijdschrift voor geneeskunde* 2009;153; B79.

Hahné S; Donker T; Meijer A; **Timen A**; van Steenberg J; Osterhaus A; van der Sande M; Koopmans M; Wallinga J; Coutinho R; Epidemiology and control of influenza A(H1N1)v in the Netherlands: the first 115 cases. *Euro Surveill* 2009;14(27).

**Timen A**; Koopmans M; Vossen A; van Doornum G; Günther S; van den Berkmortel F; Verduin K; Dittrich S; Emmerich P; Osterhaus A; van Dissel J; Coutinho R. Response to imported case of Marburg hemorrhagic fever, the Netherlands. *Emerg Infect Dis* 2009;15(8):1171-5.

Hahné S; Macey J; van Binnendijk R; Kohl R; Dolman S; van der Veen Y; Tipples G; Ruijs H; Mazzulli T; **Timen A**; van Loon A; de Melker H. Rubella outbreak in the Netherlands, 2004-2005: high burden of congenital infection and spread to Canada. *The Pediatric infectious disease journal* 2009;28(9):795-800.

Karagiannis I; Schimmer B; Van Lier A; **Timen A**; Schneeberger P; Van Rotterdam B; De Bruin A; Wijkmans C; Rietveld A; Van Duynhoven Y Investigation of a Q fever outbreak in a rural area of The Netherlands. *Epidemiology and infection* 2009;137(9):1283-94.

Van Boven ; Donker T; van der Lubben M; van Gageldonk-Lafeber R; te Beest D; Koopmans M; Meijer A; **Timen A**; Swaan C; Dalhuijsen A; Hahné S; van den Hoek A; Teunis P; van der Sande M; Wallinga J. Transmission of novel influenza A(H1N1) in households with post-exposure antiviral prophylaxis. *PloS one* 2010;5(7):e11442.

**Timen A**, Hulscher ME, Rust L, van Steenberg JE, Akkermans RP, Grol RP, van der Meer JW. Barriers to implementing infection prevention and control guidelines during crises: Experiences of health care professionals. *Am J Infect Control*. 2010 Jun 3 [Epub ahead of print].

Brienen NC, **Timen A**, Wallinga J, van Steenberg JE, Teunis PF. The Effect of Mask Use on the Spread of Influenza During a Pandemic. *Risk Anal*. 2010 Jul 7;5(7):e11442.

Vinck L, Isken L, Hooiveld M, Trompenaars M, Ijzermans J, **Timen A**. Impact of the 2009 influenza A(H1N1) pandemic on public health workers in the Netherlands. *Euro Surveill*. 2011 Feb 17;16(7). pii: 19793.

Meijer A, Jonges M, Abbink F, Ang W, van Beek J, Beersma M, Bloembergen P, Boucher C, Claas E, Donker G, van Gageldonk-Lafeber R, Isken L, de Jong A, Kroes A, Leenders S, van der Lubben M, Mascini E, Niesters B, Oosterheert JJ, Osterhaus A, Riesmeijer R, Riezebos-Brilman A, Schutten M, Sebens F, Stelma F, Swaan C, **Timen A**, van 't Veen A, van der Vries E, te Wierik M, Koopmans M. Oseltamivir-resistant pandemic A(H1N1) 2009 influenza viruses detected through enhanced surveillance in the Netherlands, 2009-2010. *Antiviral Res*. 2011 Oct;92(1):81-9. Epub 2011 Jul 13.

Kuijper EJ, **Timen A**, Franz E, Wessels E, van Dissel JT. Outbreak of Shiga toxin-producing *Escherichia coli* and haemolytic uraemic syndrome]. *Ned Tijdschr Geneesk*. 2011;155(35):A3743. Review. Dutch.

Lekkerkerk WS, van de Sande-Bruinsma N, van der Sande MA, Tjon-A-Tsien A, Groenheide A, Haenen A, **Timen A**, van den Broek PJ, van Wamel WJ, de Neeling AJ, Richardus JH, Verbrugh HA, Vos MC. Emergence of MRSA of unknown origin in the Netherlands. *Clin Microbiol Infect*. 2011 Aug 30. doi: 10.1111/j.1469-0691.2011.03662.x. [Epub ahead of print]

van Gageldonk-Lafeber RA, Riesmeijer RM, Friesema IH, Meijer A, Isken LD, **Timen A**, van der Sande MA. Case-based reported mortality associated with laboratory-confirmed

influenza A(H1N1) 2009 virus infection in the Netherlands: the 2009-2010 pandemic season versus the 2010-2011 influenza season. *BMC Public Health*. 2011 Oct 4;11:758.

Rudge JW, Hanvoravongchai P, Krumkamp R, Chavez I, Adisasmito W, Chau PN, Phommasak B, Putthasri W, Shih CS, Stein M, **Timen A**, Touch S, Reintjes R, Coker R; AsiaFluCap Project Consortium. Health system resource gaps and associated mortality from pandemic influenza across six Asian territories. *PLoS One*. 2012;7(2):e31800. Epub 2012 Feb 21.

van Rijckevorsel G, Swaan C, van den Bergh J, Goorhuis A, Baayen D, Isken L, **Timen A**, van den Hoek A. Rabid puppy-dog imported into the Netherlands from Morocco via Spain, February 2012. *Euro Surveill*. 2012 Mar 8;17(10). pii: 20112.

Bults M, Beaujean DJ, Wijkmans CJ, **Timen A**, Richardus JH, Voeten HA. Why did patients with cardiovascular disease in the Netherlands accept Q fever vaccination? *Vaccine*. 2012 Apr 1. [Epub ahead of print]

C.P. Charlie van der Weijden, M.L. Mart Stein, A.J. André Jacobi, M.E.E. Mirjam Kretzschmar, R. Ralf Reintjes, J.E. Jim van Steenbergen, **A. Aura Timen**, Choosing pandemic parameters for pandemic preparedness planning: A comparison of pandemic scenarios prior to and following the influenza A(H1N1) 2009 pandemic, *Health Policy*, Available online 27 June 2012.

**Timen A**, Isken LD, Willemse P, van den Berkmortel F, Koopmans MP, van Oudheusden DE, Bleeker-Rovers CP, Brouwer AE, Grol RP, Hulscher ME, van Dissel JT. Retrospective evaluation of control measures for contacts of patient with marburg hemorrhagic Fever. *Emerg Infect Dis*. 2012 Jul;18(7):1107-14.

Stein ML, Rudge JW, Coker R, Weijden C, Krumkamp R, Hanvoravongchai P, Chavez I, Putthasri W, Phommasack B, Adisasmito W, Touch S, Sat LM, Hsu YC, Kretzschmar M, **Timen A**. Development of a resource modelling tool to support decision makers in pandemic influenza preparedness: The AsiaFluCap Simulator. *BMC Public Health*. 2012 Oct 12;12(1):870.

Keijmel SP, Morroy G, Delsing CE, Bleijenberg G, Bleeker-Rovers CP, **Timen A**. Persistent fatigue following Q fever. *Ned Tijdschr Geneeskd*. 2012;156(48):A5258. Review. Dutch.

Isken LD, Kraaij-Dirkzwager M, Vermeer-de Bondt PE, Rümke HC, Wijkmans C, Opstelten W, **Timen A**. Implementation of a Q fever vaccination program for high-risk patients in the Netherlands. *Vaccine*. 2013 May 28;31(23):2617-22. Epub 2013 Apr 11.

Knol M, Urbanus A, Swart E, Mollema L, Ruijs W, van Binnendijk R, Te Wierik M, de Melker H, **Timen A**, Hahne S. Large ongoing measles outbreak in a religious community in the Netherlands since May 2013. *Euro Surveill*. 2013 Sep 5;18(36).

**A. Timen**. A patient with a biting or needlestick injury. *Huisarts Wet*. 2013; 56(11):578-83..

van Velsen L, Beaujean DJ, van Gemert-Pijnen JE, van Steenbergen JE, **Timen A**. Public knowledge and preventive behavior during a large-scale Salmonella outbreak: results from an online survey in the Netherlands. *BMC Public Health*. 2014 Jan 31;14:100. doi: 10.1186/1471-2458-14-100.

Bauer MP, **Timen A**, Vossen AC, van Dissel JT. Marburg hemorrhagic fever in returning travellers: an overview aimed at clinicians. *Clin Microbiol Infect*. 2014 May 11. doi: 10.1111/1469-0691.12673. [Epub ahead of print]

### **Books and chapters in books**

JE van Steenbergen, **A Timen** (Eds). Guidelines Infectious Disease Control.(LCI-Richtlijnen Infectieziektebestrijding. Edition 2003 and later editions. 2003, 2004, 2006, 2008. LCI. RIVM

MAE Conyn-van Spanedonck, GGC van Rijkevoorsel, **A. Timen**, H. van Vliet, A. Bosman, M. Koopmans. Zorgelijke ontwikkelingen: dreiging van SARS-epidemie , vogelpest, treft mensen. *Bijblijven*. Bohn Stafleu van Loghum. 2003: 19/10: 5-11.

**A. Timen**, J.K. van Wijngaarden. De leerpunten van SARS. In 'Infectieziektebestrijding'. I. Helsloot, J.E. van Steenbergen (red). Boom juridische uitgevers. 2005. ISBN 9054545917.

**A. Timen**, R. Gasparini, S. Glismann, S. Hahne, J. Spika, P. Stefanoff, V. van Casteren. Measles in Europe. Where do we stand now? In 'Urbanisation and health'. Oslo Academic Press.2005. ISBN: 82-7477-208-3.

**A. Timen**. De landelijke respons op outbreaks en dreigingen. (Na)scholing infectieziekten 2007. Boerhaave Commissie. Leiden 2007; 271-282. ISBN: 9789067676199.

**A. Timen**, J.K. van Wijngaarden, J.E. van Steenbergen. De (on)zichtbare scheiding tussen een uitbraak en een crisis. In *Crisis*. ER Muller, U. Rosenthal, I. Helsloot, E.R.C. van Dijkman (red). Kluwer, 2009; 1490168. ISBN: 9789013054699