

Curriculum vitae

Personal data:

Patrick Van de Voorde, 02/10/1972

Nederpolder 4, B 9000 Gent, België

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Patrick.vandevoorde@health.belgium.be

Married to Tine Van Rumst; father of Febe (1999), Pepijn (2000), Teun (2003)

Degrees and certification:

- Emergency Medicine specialist Ghent University 2010
 - Intensive Care specialist Ghent University 2005
 - Paediatrics – Neonatology specialist Ghent University 2002
 - Medicine Ghent University 1997
 - PhD Medical Sciences Ghent University 2010
- ‘PENTA: a paediatric Network around Trauma. Registry and evaluation of circumstances and modalities of trauma and trauma care in children & youngsters in Flanders’
- Additional certificates:
 - European Paediatric Life Support EPLS provider (Firenze Italy, 2002)
 - EPLS instructor course (Brussels Belgium, 2003)
 - ECMO training course (London UK, 2005)
 - Statistics & Research Methodology course (London UK, 2005)
 - European Trauma Course ETC provider (Ghent Belgium, 2008)
 - Advanced Life Support ALS provider (Ghent Belgium, 2010)
 - Disaster Management postgraduate course: basic module (Leuven University, 2011)
 - Point of Care Ultrasound – Level 1 (Belgian US taskforce, Antwerp Belgium 2017)

Specific work experience:

- Medical director, EMS Dispatch Centre 112 Eastern Flanders 2013 – 2019
- Medical Director, EMS Dispatch Centre 112 Eastern-Western Flanders 2020 - Current
- Associate Professor Emergency Medicine, Ghent University 2020 - Current
- Assistant Professor Paediatric / Emergency Medicine, Ghent University 2013 - 2019

- Clinical Head Emergency Medicine, Ghent University Hospital 2013 - Current
- Clinical Head Pediatrics, Intensive Care Medicine & Emergency Medicine, Ghent University Hospital 2011 - 2013
- Fellow Emergency Medicine, Ghent University Hospital 2010 – 2011
- Adjunct Clinical Head, PICU, Ghent University Hospital 2006 – 2010
- Resident PICU, Ghent University Hospital 2005 – 2006
- Specialist Registrar Pediatric Intensive Care
Great Ormond Street Hospital for Sick Children, London 2004 – 2005
- Resident PICU, Ghent University Hospital 2002 – 2004
- Fellow PICU, Ghent University Hospital 2001 – 2002

Publications in international journals included in Science citation index:

1. Van de Voorde P, Sabbe M, Rizopoulos D, Tsonaka R, De Jaeger A, Lesaffre E, Peters M, on behalf of the PENTA study group. Assessing the level of consciousness in children: a plea for the Glasgow Coma Motor Subscore. *Resuscitation* 2008; 76(2): 175-179
2. Van de Voorde P, Sabbe M, Calle P, Lesaffre E, Rizopoulos D, Tsonaka R, Christiaens D, Vantomme A, De Jaeger A, Matthys D, on behalf of the PENTA study group. Paediatric Trauma and trauma care in Flanders (Belgium). Methodology and first Descriptive results of the PENTA registry. *European Journal of Pediatrics* 2008; 167 (11): 1239-1249
3. Mintegi S, Shavit I, Benito J and the REPEM group. Paediatric Emergency Care in Europe: A descriptive Survey of 53 Tertiary Medical Centres. *Pediatric Emergency Care* 2008, 24(6):359-363
4. Van de Voorde P, Sabbe M, Calle P, Idrissi SH, Christiaens D, Vantomme A, De Jaeger A, Matthys D, on behalf of the PENTA Study Group. Closing the knowledge-performance gap: an audit of medical management for severe paediatric trauma in Flanders (Belgium). *Resuscitation* 2008, 79: 67-72
5. Van de Voorde P, Sabbe M, Tsonaka R, Rizopoulos D, Calle P, De Jaeger A, Lesaffre E, Matthys D, on behalf of the PENTA study group. The long-term outcome after severe trauma of children in Flanders (Belgium): a population-based cohort study using the International Classification of Functioning-related Outcome Score. *European Journal of Pediatrics* 2011, 170(1): 65–73
6. Tierens M, Bal S, Crombez G, Van de Voorde P, Rosseel Y, Antrop I, Deboutte D. The traumatic impact of motor vehicle accidents in high School Students. *J Ped Psychology* 2011; doi: 10.1093/jpepsy/jsr058

7. Van de Voorde P, Emerson B, Gomez B, Willems J, Yildizdas D, Iglowstein I, Kerkhof E, Mullen N, Pinto CR, Detaille T, Qureshi N, Naud J, De Dooy J, Van Lancker R, Dupont A, Boelsma N, Mor M, Walker D, Sabbe M, Hachimi-Idrissi S, Da Dalt L, Waisman H, Biarent D, Maconochie I, Moll H, Benito J. Paediatric community-acquired septic shock: results from the REPEM network study. *Eur J Pediatr*. 2013 Jan 26.
8. Perkins GD, Bossaert L, Nolan J, Koster RW, Monsieurs K, Castren M, European Resuscitation Council. Proposed revisions to the EU clinical trials directive – comments from the European Resuscitation Council. *Resuscitation* 2013; 84 (3): 263-264
9. Van de Voorde P, Graham CA. Top ten abstracts from the first European paediatric Resuscitation & Emergency Medicine congress Ghent, Belgium, May 2013. *European Journal of Emergency Medicine* 2013; 20:224-228.
10. Mintegi S, Lyttle MD, Maconochie I, Benito J, Gervais A, Moll H, Shavit I, Da Dalt L, Waisman Y, The REPEM Network. From cradle to adolescence: the development of research in European pediatric emergency medicine. *European Journal of Emergency Medicine* 2014, 21: 24-29
11. Van de Voorde P, Van Lander A, Colpaert K, Dhont E, Verrijckt A, De Jaeger A. An urgent plea: give the use of prolonged propofol infusion a second thought. *Intensive Care Medicine* 2013, 39: 2058-2059
12. De Waele L, Boon P, Ceulemans B, Dan B, Jansen B, Legros B, Leroy P, Delmell F, Ossemann M, Deraerdt S, Smets K, Van de Voorde P, Verhelst H, Lagae L. First line management of prolonged convulsive seizures in children and adults: good practice points. *Acta Neurologica Belgica* 2013; DOI 10.1007/s13760-013-0247-x
13. Dalziel SR, Thompson JM, Macias CG, Fernandes RM, Johnson DW, Waisman Y, Cheng N, Acworth J, Chamberlain JM, Osmond MH, Plint A, Valerio P, Black KJ, Fitzpatrick E, Newton AS, Kuppermann N, Klassen TP; Pediatric Emergency Research Networks H1N1 Working Group. Predictors of severe H1N1 infection in children presenting within Pediatric Emergency Research Networks (PERN): retrospective case-control study. *BMJ*. 2013 Aug 12; 347:f4836
14. Van de Voorde P, Monsieurs KG, Perkins GD, Castren M. Looking over the wall: Using a Haddon Matrix to guide public policy making on the problem of sudden cardiac arrest. *Resuscitation* 2014; 85:602-5
15. Van de Voorde P. "The future's so bright, I gotta wear shades...". *Acta Paediatr*. 2015 Jan; 104:7-8
16. Charalampopoulos D, Karlis G, Barouxis D, Syggelou A, Mikalli C, Kountouris D, Modestou N, Van de Voorde P, Danou F, Iacovidou N, Xanthos T. Theoretical knowledge and skill retention 4 months after a European Paediatric Life Support course. *Eur J Emerg Med*. 2014, Sep 12.

17. Van Brusselen D, Vlieghe E, Schelstraete P, De Meulder F, Vandeputte C, Garmyn K, Laffut W, Van de Voorde P. Streptococcal pharyngitis in children: to treat or not to treat? *Eur J Pediatr*. 2014 Oct; 173:1275-83. doi:10.1007/s00431-014-2395-2
18. Vandamme E, Lemoyne S, van der Gucht A, de Cock P, Van de Voorde P. LAT gel for laceration repair in the emergency department: not only for children? *Eur J Emerg Med*. 2015 Jul 22.
19. Bossaert LL, Perkins GD, Askitopoulou H, Raffay VI, Greif R, Haywood KL, Mentzelopoulos SD, Nolan JP, Van de Voorde P, Xanthos TT. European Resuscitation Council Guidelines for Resuscitation 2015 Section 11. The ethics of resuscitation and end-of-life decisions. *Resuscitation*. 2015 Jul 28. doi: 10.1016/j.resuscitation.2015.07.033.
20. Greif R, Lockey AS, Conaghan P, Lippert A, De Vries W, Monsieurs KG; Collaborators. Section 10. Education and implementation of resuscitation. *Resuscitation*. 2015 Jul 30. doi: 10.1016/j.resuscitation.2015.07.032.
21. Maconochie IK, Bingham R, Eich C, López-Herce J, Rodríguez-Núñez A, Rajka T, Van de Voorde P, Zideman DA, Biarent D. Section 6. Paediatric life support. *Resuscitation*. 2015 Jul 27. doi: 10.1016/j.resuscitation.2015.07.028.
22. Julliard S, Desmarest M, Gonzalez L, Ballesteros Y, Martinez A, Moretti R, Rivas A, Lacroix L, Biver A, Lejay E, Kanagarajah L, Portillo N, Crichiutti G, Stefani C, Da Dalt L, Spiri D, Van De Voorde P, Titomanlio L. Recovery position significantly associated with a reduced admission rate of children with loss of consciousness. *Arch Dis Child*. 2016 Jan 25. doi: 10.1136/archdischild-2015-308857.
23. Mentzelopoulos SD, Bossaert L, Raffay V, Askitopoulou H, Perkins GD, Greif R, Haywood K, Van de Voorde P, Xanthos T. A survey of key opinion leaders on ethical resuscitation practices in 31 European Countries. *Resuscitation*. 2016 Jan 14; 100:11-17.
24. Alisic E, Hoysted C, Kassam-Adams N et al. Psychosocial Care for Injured Children: Worldwide Survey among Hospital Emergency Department Staff. *J Pediatr*. 2015 Dec 17. doi: 10.1016/j.jpeds.2015.10.067.
25. Monsieurs KG, Nolan JP, Bossaert LL, Greif R, Maconochie IK, Nikolaou NI, Perkins GD, Soar J, Truhlář A, Wyllie J, Zideman DA; ERC Guidelines 2015 Writing Group. European Resuscitation Council Guidelines for Resuscitation 2015: Section 1. Executive summary. *Resuscitation*. 2015 Oct;95:1-80.
26. Mortelmans LJ, Maebe S, Dieltiens G, Anseeuw K, Sabbe MB, Van de Voorde P. Are Tertiary Care Paediatricians Prepared for Disaster Situations? *Prehosp Disaster Med*. 2016 Feb 9:1-6
27. Bossaert LL, Perkins GD, Askitopoulou H, Raffay VI, Greif R, Haywood KL, Mentzelopoulos SD, Nolan JP, Van de Voorde P, Xanthos TT. Reply to Letter: Family presence during cardiopulmonary resuscitation: Evidence-based guidelines? *Resuscitation*. 2016 Aug;105:e7-8

28. Gräsner JT, Lefering R, Koster RW, et al; EuReCa ONE Collaborators. EuReCa ONE-27 Nations, ONE Europe, ONE Registry: A prospective one month analysis of out-of-hospital cardiac arrest outcomes in 27 countries in Europe. *Resuscitation*. 2016 Aug;105:188-95
29. Mintegi S, Azkunaga B, Prego J, et al; Pediatric Emergency Research Networks (PERN) Poisoning Working Group. International Epidemiological Differences in Acute Poisonings in Pediatric Emergency Departments. *Pediatr Emerg Care*. 2017 Jan 24.
30. Böttiger BW, Bossaert LL, Castrén M, Cimpoesu D, Georgiou M, Greif R, Grünfeld M, Lockey A, Lott C, Maconochie I, Melieste R, Monsieurs KG, Nolan JP, Perkins GD, Raffay V, Schlieber J, Semeraro F, Soar J, Truhlář A, Van de Voorde P, Wyllie J, Wingen S; Board of European Resuscitation Council (ERC).. Kids Save Lives - ERC position statement on school children education in CPR.: "Hands that help - Training children is training for life". *Resuscitation*. 2016 Aug; 105:A1-3
31. Van de Voorde P, Gautama S, Momont A, Ionescu CM, De Paepe P, Fraeyman N. The drone ambulance [A-UAS]: golden bullet or just a blank? *Resuscitation* 2017; 116: 46-48.
32. Vandeplassche S, Van de Voorde P. Retrospective population-based study of emergency medical services-attended out-of-hospital cardiac arrests in children in Belgium. *Eur J Emerg Med*. 2017; doi: 10.1097/MEJ.0000000000000474
33. Mintegi S, Dalziel SR, Azkunaga B, et al; Pediatric Emergency Research Networks (PERN) Poisoning Working Group. International Variability in Gastrointestinal Decontamination With Acute Poisonings. *Pediatrics*. 2017; doi: 10.1542/peds.2017-0006.
34. Perkins GD, Olasveengen TM, Maconochie I, et al; European Resuscitation Council. European Resuscitation Council Guidelines for Resuscitation: 2017 update. *Resuscitation*. 2018; 123:43-50.
35. Olasveengen TM, de Caen AR, Mancini ME, et al; ILCOR Collaborators. 2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. *Resuscitation*. 2017; 121:201-214. + *Circulation*. 2017;136(23):e424-e440.
36. Lamote I, Calle P, Lyphout C, Van de Voorde P. Adequacy of bystander actions in unconscious patients: an audit study in the Ghent region (Belgium). *Eur J Emerg Med*. 2019. doi: 10.1097/MEJ.0000000000000595.
37. Soar J, Perkins GD, Maconochie I, et al. European Resuscitation Council Guidelines for Resuscitation: 2018 Update - Antiarrhythmic drugs for cardiac arrest. *Resuscitation*. 2019; 134: 99-103

38. Soar J, Donnino MW, Maconochie I, et al. 2018 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. *Circulation* 2018;138(23): e714-e730. + Resuscitation. 2018 Dec;133:194-206.
39. Lavonas EJ, Ohshimo S, Nation K, Van de Voorde P, Guthall G, Maconochie I, Torabi N, Morrison L, for the International Liaison Committee on Resuscitation (ILCOR) Pediatric Task Force. Advanced airway interventions for paediatric cardiac arrest: a systematic review and meta-analysis. *Resuscitation*, 2019; 138:114-128.
40. Craig SS, Auerbach M, Cheek JA, et al; Pediatric Emergency Research Networks (PERN). Preferred learning modalities and practice for critical skills: a global survey of paediatric emergency medicine clinicians. *Emerg Med J*. 2018 Oct 16; in press.
41. Buick JE, Wallner C, Aickin R, Meaney PA, et al; International Liaison Committee on Resuscitation Pediatric Life Support Task Force. Paediatric targeted temperature management post cardiac arrest: A systematic review and meta-analysis. *Resuscitation*. 2019; 139:65-75.
42. Nikolaou N, Dainty KN, Couper K, et al; International Liaison Committee on Resuscitation's (ILCOR) Basic Life Support and Pediatric Task Forces. A systematic review and meta-analysis of the effect of dispatcher-assisted CPR on outcomes from sudden cardiac arrest in adults and children. *Resuscitation*. 2019; 138:82-105.
43. Soar J, Maconochie I, Wyckoff MH, Olasveengen TM, Singletary EM, Greif R, Aickin R, et al. 2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Pediatric Life Support; Neonatal Life Support; Education, Implementation, and Teams; and First Aid Task Forces. *Circulation*. 2019: e826-e880 / *Resuscitation*. 2019; 145:95-150
44. Nolan JP, Berg RA, Andersen LW, Bhanji F, Chan PS, Donnino MW, Lim SH, et al; Utstein Collaborators. Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Template for In-Hospital Cardiac Arrest: A Consensus Report From a Task Force of the International Liaison Committee on Resuscitation (American Heart Association, European Resuscitation Council, Australian and New Zealand Council on Resuscitation, Heart and Stroke Foundation of Canada, InterAmerican Heart Foundation, Resuscitation Council of Southern Africa, Resuscitation Council of Asia). *Resuscitation*. 2019 Nov; 144:166-177
45. Drennan IR, Geri G, Brooks S, et al. Diagnosis of Out-of-Hospital Cardiac Arrest by Emergency Medical Dispatch: A Diagnostic Systematic Review. *Resuscitation*. 2021; 159:85-96.
46. Maconochie IK, Aickin R, Hazinski MF, Atkins DL, Bingham R, Couto TB, Guerguerian AM, Nadkarni VM, Ng KC, Nuthall GA, Ong GYK, Reis AG, Schexnayder SM, Scholefield BR, Tijssen JA,

Nolan JP, Morley PT, Van de Voorde P, Zaritsky AL, de Caen AR; Pediatric Life Support Collaborators. Pediatric Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Resuscitation. 2020 Nov;156:A120-A155.

Also published in: Pediatrics. 2021; 147 (Suppl 1):e2020038505B.

Circulation. 2020 Oct 20;142(16_suppl_1):S140-S184.

47. Topjian AA, Scholefield BR, Pinto NP, Fink EL, Buysse CMP, Haywood K, Maconochie I, Nadkarni VM, de Caen A, Escalante-Kanashiro R, Ng KC, Nuthall G, Reis AG, Van de Voorde P, Suskauer SJ, Schexnayder SM, Hazinski MF, Slomine BS. P-COSCA (Pediatric Core Outcome Set for Cardiac Arrest) in Children: An Advisory Statement From the International Liaison Committee on Resuscitation. Circulation. 2020 Oct 20;142(16):e246-e261.

Also published in: Resuscitation 2021; 162:351-364

48. Van de Voorde P, Bossaert L, Mentzelopoulos S, Blom MT, Couper K, Djakow J, Druwé P, Lilja G, Lulic I, Raffay V, Perkins GD, Monsieurs KG. Ethik der Reanimation und Entscheidungen am Lebensende: COVID-19-Leitlinien des European Resuscitation Council [Ethics of resuscitation and end-of-life decisions]. Notf Rett Med. 2020;23(4):263-267.

49. Lott C, Carmona F, Van de Voorde P, Lockey A, Kuzovlev A, Breckwoldt J, Nolan JP, Monsieurs KG, Madar J, Turner N, Scapigliati A, Pflanzl-Knizacek L, Conaghan P, Biarent D, Greif R. Ausbildung: COVID-19-Leitlinien des European Resuscitation Council [Education]. Notf Rett Med. 2020;23(4):260-262.

50. Van de Voorde P, Biarent D, Bingham B, Brissaud O, De Lucas N, Djakow J, Hoffmann F, Lauritsen T, Martinez AM, Turner NM, Maconochie I, Monsieurs KG. Basismaßnahmen und erweiterte Maßnahmen zur Wiederbelebung von Kindern: COVID-19-Leitlinien des European Resuscitation Council [Paediatric Basic and Advanced Life Support]. Notf Rett Med. 2020;23(4):251-256.

51. Nolan JP, Monsieurs KG, Bossaert L, Böttiger BW, Greif R, Lott C, Madar J, Olasveengen TM, Roehr CC, Semeraro F, Soar J, Van de Voorde P, Zideman DA, Perkins GD; European Resuscitation Council COVID-Guideline Writing Groups. European Resuscitation Council COVID-19 guidelines executive summary. Resuscitation. 2020; 153:45-55.

52. Van de Voorde P, de Lucas N. A 'foreign body' in the 'foreign body airway obstruction' algorithm. Resuscitation. 2020; 153:258-259.

53. Ohshimo S, Wang CH, Couto TB, Bingham R, Mok YH, Kleinman M, Aickin R, Ziegler C, DeCaen A, Atkins DL, Maconochie I, Rabi Y, Morrison L; International Liaison Committee on Resuscitation (ILCOR) Pediatric Task Force. Pediatric timing of epinephrine doses: A systematic review. Resuscitation. 2021; 160:106-117.

54. Dainty KN, Atkins DL, Breckwoldt J, et al. Family presence during resuscitation in paediatric and neonatal cardiac arrest: A systematic review. *Resuscitation*. 2021; 162:20-34.
55. Van De Voorde P. Abstracts book. *Acta Clinica Belgica* 2020; 75:sup1, 1-41
56. Van de Voorde P, Turner NM, Djakow J, de Lucas N, Martinez-Mejias A, Biarent D, Bingham R, Brissaud O, Hoffmann F, Johannesdottir GB, Lauritsen T, Maconochie I. European Resuscitation Council Guidelines 2021: Paediatric Life Support. *Resuscitation*. 2021 Apr;161:327-387.
Also published in: *Notf Rett Med*. 2021 Jun 2:1-70
57. Perkins GD, Graesner JT, Semeraro F, Olasveengen T, Soar J, Lott C, Van de Voorde P, Madar J, Zideman D, Mentzelopoulos S, Bossaert L, Greif R, Monsieurs K, Svavarsdóttir H, Nolan JP; European Resuscitation Council Guideline Collaborators. European Resuscitation Council Guidelines 2021: Executive summary. *Resuscitation*. 2021 Apr;161:1-60.
Also published in: *Notf Rett Med*. 2021 Jun 2:1-72
58. Mentzelopoulos SD, Couper K, Van de Voorde P, Druwé P, Blom M, Perkins GD, Lulic I, Djakow J, Raffay V, Lilja G, Bossaert L. European Resuscitation Council Guidelines 2021: Ethics of resuscitation and end of life decisions. *Resuscitation*. 2021 Apr;161:408-432.
Also published in: *Notf Rett Med*. 2021 Jun 2:1-30
59. Patrick Van de Voorde. 2021 BESEDIM Congress Abstracts Supplement. *Acta Clinica Belgica* 2021; 76: sup1, 1-33
60. Kool M, Atkins DL, Van de Voorde P, Maconochie IK, Scholefield BR; PLS ILCOR Task Force. Focused echocardiography, end-tidal carbon dioxide, arterial blood pressure or near-infrared spectroscopy monitoring during paediatric cardiopulmonary resuscitation: A scoping review. *Resusc Plus*. 2021; 6:100109.
61. Haesendonck RM, Verhoogen T, Mortelmans LJM, Desruelles D, Van De Voorde P, Sabbe MB. The incident management response of the emergency departments in Belgium during the first wave of the COVID-19 pandemic. *Disaster Med Public Health Prep*. 2021 Aug 4:1-10.
62. Van de Voorde P. No golden eggs but tasteful nonetheless. *Resuscitation*. 2022; 173:134-135.
63. Atkins DL, Acworth J, Chung SP, Reis A, Van de Voorde P; International Liaison Committee on Resuscitation (ILCOR) Pediatric and Basic Life Support Task Forces. Lay rescuer use of automated external defibrillators in infants, children and adolescents: A systematic review. *Resusc Plus*. 2022; 11:100283.
64. De Mol L, Desender L, Van Herzeele I, Van de Voorde P, Konge L, Willaert W; ACTION-group. Assessing competence in Chest Tube Insertion with the ACTION-tool: A Delphi study. *Int J Surg*. 2022; 104:106791.

65. Nijman RG, Bressan S, Brandenberger J, Kaur D, Keitel K, Maconochie IK, Oostenbrink R, Parri N, Shavit I, Teksam O, Velasco R, Van de Voorde P, Da Dalt L, Guchtenaere A, Hadjipanayis AA, Ross Russell R, Del Torso S, Bognar Z, Titomanlio L. Update on the Coordinated Efforts of Looking After the Health Care Needs of Children and Young People Fleeing the Conflict Zone of Ukraine Presenting to European Emergency Departments-A Joint Statement of the European Society for Emergency Paediatrics and the European Academy of Paediatrics. *Front Pediatr.* 2022; 10:897803
66. Nally CP, Van de Voorde P, Temmerman M, Adam M. Germs, Guns, and Fear in Disaster Response: A Rapid Qualitative Assessment to Understand Fear-Based Responses in the Population at Large: Lessons From Sierra Leone 2014-2015. *Disaster Med Public Health Prep.* 2022; 14:1-6.
67. Chong SL, Goh MSL, Ong GY, Acworth J, Sultana R, Yao SHW, Ng KC; International Liaison Committee on Resuscitation (ILCOR) and ILCOR Pediatric Life Support Task Force. Do paediatric early warning systems reduce mortality and critical deterioration events among children? A systematic review and meta-analysis. *Resusc Plus.* 2022; 11:100262.

Publications in other journals:

1. Van de Voorde P, Hendrickx G, Goossens L, Zecic A, Vanhaesebrouck P. Intraveneuze immunoglobulinen ter preventie van wisseltransfusie bij neonatale immuunhemolytische ziekte. *Nederlands Tijdschrift voor Kindergeneeskunde* 2003, 71(4): 149 -153
2. Van de Voorde P. Quality of care in paediatric emergencies. *ICU Management* 2008, 8 (1): 30-31
3. Vandewalle S, Van de Voorde P, De Keuster T, Halsberghe C, De Meyere M. Gebeten... om te weten: Epidemiologie, preventie en aanpak van hondenbeten bij kinderen in Vlaanderen. *Tijdschrift voor Geneeskunde* 2008, 64 (23): 1204-1210
4. Van de Putte S, Van de Voorde P, Mondelaers V. Laagmoleculaire Heparinen in de Pediatrie: een overzicht. *Tijdschrift voor Geneeskunde* 2009, 65(6): 231-235
5. Van de Voorde P. Penta: trauma en traumazorg bij kinderen en jongeren in Vlaanderen. *Trends voor specialisten, extra editie IPICD* 2009: 9-11
6. Van de Voorde P. Urgente kinderezorg in Vlaanderen geëvalueerd. *Hospitals.be* 2010, 4:31-34
7. Claeys T, Oosterlynck L, Willems J, Van de Voorde P. Severe hyponatremia can also happen in milder cases of bronchiolitis: a case report. *Tijdschrift voor Geneeskunde* 2011, 67 (21):1041-1044

Books:

1. Biarent D, Bingham R, Alouini S, Burda G, Filipovic B, Van de Voorde P (edt). European Pediatric Life Support Manual. Edition 4. European Resuscitation Council. Edegem 2011.
2. Biarent D, Bingham R, Alouini S, Burda G, Eich C, Filipovic B, Lopez-Herce J, Maconochie I, Rajka T, Rodriguez-Nunez A, Van de Voorde P, Zideman D (edt). European Pediatric Immediate Life Support Manual. Edition 4. European Resuscitation Council. Edegem 2011.
3. Van de Voorde P, Biarent D, Rodrigues-Nunez A, Skellett S, Norris E, et al (edt). European Paediatric Advanced Life Support. Guidelines 2015 edition. European Resuscitation Council. Niel 2015.
4. Van de Voorde P, Biarent D, Rodrigues-Nunez A, Skellett S, Norris E, et al (edt). European Paediatric Intermediate Life Support. Guidelines 2015 edition. European Resuscitation Council. Niel 2015.
5. Van de Voorde P, Biarent D, Rodrigues-Nunez A, Skellett S, Norris E, et al (edt). European Paediatric Advanced Life Support. Instructor Manual. European Resuscitation Council. Niel 2017. Update 2021.
6. Van de Voorde P, Biarent D, Rodrigues-Nunez A, Skellett S, Norris E, et al (edt). European Paediatric Intermediate Life Support. Instructor Manual. European Resuscitation Council. Niel 2017. Update 2021.
7. Van de Voorde P, et al (edt). European Paediatric Advanced Life Support. Guidelines 2021 edition. European Resuscitation Council. Niel 2021.
8. Van de Voorde P, et al (edt). European Paediatric Intermediate Life Support. Guidelines 2021 edition. European Resuscitation Council. Niel 2021.
9. Van de Voorde P, et al (edt). European Paediatric Basic Life Support. Guidelines 2021 edition. European Resuscitation Council. Niel 2021.

- Proceedings and abstracts: 50+, at several international congresses

- Memberships and honorary functions:

1. European Resuscitation council; Invited board member: 2012 - 2021; Pediatric Committee co-chair; Project Lead ERC Blended Learning – electronic user environment [cosy.erc.edu]
2. Pediatric Task force member ILCOR (International Liaison committee on Resuscitation); 2016-2021
3. European society of emergency medicine EUSEM: Pediatric emergency medicine Section – Treasurer 2016-current
4. REPEM (network Research in pediatric emergency medicine, Europe); member of the steering committee of the global PERN network: 2014 – 2017

5. PEMSIG member (Pediatric Emergency Medicine Interest group IFEM international Federation of Emergency Medicine) 2015-current; European liaison
 6. Belgian Society of Emergency & disaster medicine BESEDIM: Vice-chair, Treasurer 2019 - current
 7. Belgian Resuscitation council BRC: member general assembly 2010-current
 8. Vice-chair National Council Emergency Medical Services, Federal Dpt of Health, Belgium 2020-current
 9. International Federation of Emergency Medicine representative – member General Assembly – member events taskforce: 2021 - current
- *Other: pedagogic and scientific activities, advisory functions...*
 1. Medicine, Ghent University (master year 3): coordinating lecturer ‘Advanced Clinical Reasoning, with a focus on emergency medicine’
 2. Medicine, Ghent University (bachelor year 3): tutor: Medical decision making & evidence based medicine
 3. Medicine, Ghent University (bachelor year 2): student mentorship
 4. Medicine, Ghent University (master, year 1 - 2): tutor masterthesis
 5. Medicine, Ghent University (master, year 2): introduction to clinical Clerkship: emergencies
 6. Master after Master Pediatrics: pediatric intensive care & emergency medicine
 7. Master after Master Emergency Medicine – Interuniversity Postgraduate curriculum: track coordinator ‘Pediatric Emergency Medicine’
 8. Master after Master: lecturer Capita Selecta: Severe Trauma Care
 9. Member of the Federal Commission for speciality certification ‘Emergency Medicine’
 10. Clinical Clerkship: coaching medical students (Emergency Medicine, Pediatrics)
 11. Guest lecturer “pediatric injury”, Bachelor after bachelor intensive care nursing, Katho, Bruges & Artevelde, Ghent: 2003-2018
 12. Expert member VLUHR Quality Visitation Panel: Bachelor Pediatric Nursing, Erasmus Brussels; 2015
 13. Course Director EPALS European Pediatric Advanced life support - EPILS Pediatric Immediate Life Support – PBLS Paediatric Basic Life Support
 14. Educational chair ERC EPALS/EPILS/EPBLS 2010 - 2021
 15. European Resuscitation Council: project lead Virtual learning environment 2014 - 2021
 16. Instructor international Advanced Pediatric Emergency Care APEC course 2009-2012
 17. Many lectures and oral presentations on in-hospital scientific staffs and local / regional meetings, LOK groups etc. Book reviews and abstract reviews.

18. Invited speaker at numerous international congresses 2008-current
19. Chair of the organizing committee of the first, second and third European Pediatric Resuscitation and Emergency Medicine congress [PREM] May 2013 – 2017 - 2019, Ghent, Belgium.
20. Member of the organizing committee of the annual PICU thanksgiving symposium, Ghent (2006-2012)
21. Member of the organizing committee of the 'International Peace Symposium': The role of Science in Trauma treatment and the Transformation of Societies'. Flemish government, Brussels, November 2013
22. Member of the scientific committee of the annual ERC congress: 2014 – 2021
23. Principal organiser of the annual BESEDIM congress: 2020 – 2021 – 2021bis - 2022
24. Local site co-investigator several multicentre clinical trials phase II-IV (2004-2009): e.g. RhAPC, TRIPICU trial, STAR-trial, micafungin, Entonox trial, FFP in ICU registry
25. Project coordinator medical track Flemish interuniversity council: Israel-Palestina research collaboration; Flemish Trauma & Transformation Network; in cooperation with the Flemish department of foreign affairs: 2011-2014
26. Co-investigator Ernie 2 Study (UH Gent – KU Leuven – RIZIV): Optimaliseren van de diagnose van ernstige infecties en het correct voorschrijven van antibiotica bij acuut zieke kinderen in de eerste lijn: 2012 - 2015
27. Co-investigator 'global toxicology network' PERN – REPEM
28. Co-investigator 'Drones for emergency Medicine: feasibility of a A-UAS'
29. Co-author 'European Syllabus in Pediatric Emergency Medicine', as approved by the UEMS section on paediatrics and the section on Emergency Medicine.
30. Co-investigator ePEDCARE: an international prospective registry of pediatric Out-of-Hospital and Emergency Department Cardiac Arrest (Resuscitation 2015; 96S: 36)
31. National coordinator EDICES study: ERC DISPATCH CENTER SURVEY on dispatch assisted CPR
32. Reviewer for The European Journal of Pediatrics - The European Journal of Emergency Medicine - Tijdschrift voor Geneeskunde - Journal of Pediatrics - Tijdschrift voor Kindergeneeskunde - Acta Paediatrica - Biomed Central - Conflict & Health - Trends in Anaesthesia & Critical Care - Italian Journal Pediatrics
33. Reviewer for The Lancet
34. Reviewer for Resuscitation – Resuscitation Plus
35. Member of the pediatric trauma working group of the National council for Emergency Medical Services Belgium 2010 – 2011
36. Member of the provincial council for emergency medical services 2011-current

37. Advisory to the development of the National Pediatric Care Program, Federal Department of Health 2013-2014
38. Chairman v.z.w. The Blue Dog, Flanders 2012-2015
39. Expert Medical Regulation Manual 3.0, Federal Department of Health 2012
40. Member of the development and monitoring committee of the Medical Regulation Manual 4.0, Federal Department of Health 2020
41. Federal Justice Department: Several medical expertises: 2010-current
42. Member of **B-fast**: Belgian first aid & support team; emergency mission in Haiti (earthquake) Jan 2010
43. Medical Director Disaster Response Eastern-Flanders: 2013 – current
44. Member of the Hospital Resuscitation Council, UH Ghent
45. Member WHO, global initiative Emergency & Essential Surgical Care GIEESC
46. Educational mission Queen Mamohato Memorial Hospital, Maseru, Lesotho, Africa. 4-14/09/2013. Emergency Medicine Essentials Training Course.
47. Member Advisory Committee PAULO, Provincial School for Emergency Services, Eastern-Flanders.
48. ILCOR, paediatric Task Force Member: 2014 – 2021
49. Co-author IFEM PEMSIG: Standards for care of children in Paediatric Emergency Departments, 2019
50. Promotor PhD Ghent University of drs. Cora Nally: Designing Community Based Response during Epidemic Disasters: Ebola Response, Sierra Leone 2015
51. Member of doctoral commission of several PhD students
52. Co-author: Paediatric Case Book, European Academy of Paediatrics, 2019
53. Co-author: Guidelines emergency medications for the GP (CEBAM) 2020-current