



## Curriculum Vitae

### Personal information

**Carola de Beaufort**

### Work experience

May 1982-July 1986 **research fellow/resident paediatrics**

Sophia Kinderziekenhuis (Netherlands)

PhD pump treatment in children with diabetes

September 1986-December 1991 **resident pediatrics**

CHL (Luxembourg)

part time resident in general pediatrics

January 1992-July 1993 **resident pediatrics**

AZM (Netherlands)

general pediatrics

January 1995- Present **consultant pediatric diabetes and endocrinology**

CHL (Luxembourg)

pediatric diabetes and endocrinology Clinical and ambulatory care

May 2011-May 2016 **clinical researcher**

university of luxembourg (Luxembourg)

Diabetes projects

micro biome related project - COSMIC- MUST

January 2015-September 2021 **guest professor**

UZ Brussels (Belgium)

New technology in paediatric diabetes mellitus

September 2021-August 2024 **guest professor**

university of Luxembourg (Luxembourg)

Teaching , support the development of the clinical aspects of bachelor in medicine in Luxembourg

Member of Committee : Bachelor in Pediatric Nursing

### Education and training

September 1995-March 1999 **pediatric endocrinologist**

Nederlandse vereniging voor Kindergeneeskunde (Netherlands)

Consultant in pediatric endocrinology and diabetes

May 1982-February 1986 **PhD**

Erasmus university (Netherlands)

pediatric  
diabetes ,  
technology

August 2018- Present **EFGCP certificate**

LIH /EFGCP (Luxembourg)

advanced GCP

August 2020- Present

## GCP- online

online (Luxembourg)

GCP

September 1987-July 1988 **Diplôme interUniversitaire**

Université de Nancy, France ()

Santé Publique

September 2022-September 2022 **GCP**

Biopharma Institute (United States)

GCP- online

## Additional information

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### Publications

1. De Beaufort CE, Bruining GJ , Aarsen RSR, den Boer NC, Grose WFA (1986) Does CSII prolong the remission phase of insulin dependent diabetic patients? Neth J Med 28, suppl 1:53-4
2. De Beaufort CE, Bruining GJ, Home PD; Houtzagers CMGJ, van Strik R (1986) Overnight metabolic profiles in children under 6 years of age. Eur J Pediatr 145:73-76
3. Bruining GJ, de Beaufort CE, Houtzagers CMGJ (1986) Schedule on self blood glucose monitoring in children under 6 years of age. Pediatr&Adolescent Endocrinology 15,Eds Karger, Basel
4. De Beaufort CE, Bruining GJ , Aarsen RSR, den Boer NC, Grose WFA, van Strik R (1986) The influence of continuous subcutaneous insulin infusion on the remission period in IDDM. Pediatr&Adolescent Endocrinology 15,Eds Karger, Basel
5. Ludvigsson J, Samuelson U, de Beaufort CE, Deschamps I, Francois R, Houtzagers CMGJ, New M, Orchard T, Schober E. (1986) HLA Dr3 is associated with a more progressive form of IDDM. Diabetologia 29 :207-210
6. Baekkeskov S, Kristensen JK, Landin M, Srikanta S, Bruining GJ, Poulsen L, de Beaufort CE, Soeldner JS, Eisenbarth G, Lindgren F, Sunquist G, Lernmark A (1987) Antibodies to a 64.000Mr human islet cell antigen precede the clinical onset of insulin dependent diabetes. J Clin Invest 79: 926-934
7. De Beaufort CE, Bruining GJ (1987) Continuous subcutaneous insulin infusion in children : a review. Diabetic Medicine 4 : 103-110
8. Heimans FW, Bertlesmann FW, de Beaufort CE, de Beaufort AJ, Faber YA, Bruining GJ (1987) Quantitative sensory discrimination in diabetic children: an assessment of thermal discrimination. Diabetic Medicine 4: 251-53
9. De Beaufort CE, den Boer NC, Bruining GJ, Eilers GAM, van Strik R, Wettenberg H (1988) Urinary C-peptide : a useful tool to evaluate the endogenous insulin reserve in cohort and longitudinal studies of diabetes in childhood. Ann NY Acad Sci Biochem 25:552-559
10. De Beaufort CE, Binder C, Bruining GJ, den Boer NC, van Strik R (1988) Antibodies in diabetic children before treatment: a marker for islet B cell destruction? Diabetic Medicine 5: 441-3
11. De Beaufort CE, Michel G, Glaesener G (1988) The incidence of type 1 (insulin dependent) diabetes mellitus in subjects 0-19 years in Luxembourg : a retrospective study from 1977 to 1986 Diabetologia 31: 758-761
12. De Beaufort CE, Andre JL , Heimans JJ, van der Eerden HAM, van Diemen J, Duc ML, Pierson M (1989). Quantitative determination of peripheral nerve conduction function in children with end-stage renal failure. Pediatric Nephrology 23: 178
13. De Beaufort CE, Houtzagers CMGJ, Bruining GJ , Aarsen RSR, den Boer NC, Grose WFA , van Strik R, de Visser JJ(1989) Continuous subcutaneous insulin infusion (CSII) versus conventional insulin injection therapy in newly diagnosed diabetic children : a randomised prospective trial. Diabetic Medicine 6:7
14. Van Wirdum E, van Best J, Bruining GJ, de Beaufort C, Oosterhuis J

- (1989) Blood-retinal and blood-aqueous barrier permeability, lens autofluorescence and transmission in insulin-dependent diabetic youngsters. *Graefes Arch Clin Exp Ophthalmol*;227(1):26-9.
15. Slijper F, de Beaufort, Bruining GJ, de Visser JJ, Aarsen RSSR, Kicken D van Strik R (1990) Psychological impact of continuous subcutaneous insulin infusion pump therapy in non-selected newly diagnosed insulin dependent (type 1) diabetic children evaluation after two years of therapy. *Diabetes Metabolisme* 16 : 273-277
  16. WHO Multinational project for childhood diabetes (1990) WHO Diamond project group. *Diabetes Care* 13:1062-1068
  17. The epidemiology and immunogenetics of IDDM in Italian-heritage populations. *Diabetes Epidemiology Research International (DERI) Study Group*. Colle E, Lounamaa R, Tuomilehto J, De Beaufort C, Balzano E, Bruno G, Cacciari E, Cerutti F, Chiarelli F, Chiumello G, et al *Diabetes/Metabolism Rev* 1990 : 6: 63-69
  18. Kuglin B, Kolb H, Greenbaum C, Maclaren N, Lernmark A, Palmer JP on behalf of the immunology and diabetes workshops and participating laboratories (1990) The fourth international workshop on standardization of insulin autoantibody measurement. *Diabetologia* 33: 638-639
  19. Levy-Marchal C, Papoz L, de Beaufort C, Doutreix J, Froment V, Voirin J, Collignon A, Garros B, Schleret Y, Czernichow P (1990) Incidence of juvenile type 1 (insulin dependent) diabetes mellitus in France. *Diabetologia* 33: 469
  20. Levy-Marchal C, Papoz L, de Beaufort C, Doutreix J, Froment V, Voirin J, Czernichow P (1991) Incidence du diabète insulino-dépendant, survenant avant l'âge de 20 ans en France *Pédiatrie* 46 :367-371
  21. De Beaufort CE, Michel G, Haas N, Wirion R, Glaesener G (1991) Utilisation de médicaments anti-diabétiques au Grand Duché de Luxembourg. *Bull Soc Sc Med* 2 :5-9
  22. De Beaufort CE, Cecchi-Tenerini R, Clerc R, Hilaire M, Schwartz F, Manciaux M (1991). Prévalence du diabète insulino-dépendant chez les enfants scolarisés de 6 à 16 ans en Lorraine. *Lettre à l'éditeur. Archives Françaises de Pédiatrie* 48 : 227-228
  23. Levy-Marchal C, Papoz L, de Beaufort C, Doutreix J, Froment V, Voirin J, Czernichow P (1992) Clinical and laboratory features of type 1 diabetic children at the time of diagnosis. *Diabetic Medicine* 9: 279-284
  24. Greenbaum CJ, Palmer J P, Kuglin B, Kolb H, and participating laboratories (1992) Insulin autoantibodies measured by radioimmunoassay method are more related to insulin dependent diabetes than those measured by enzyme-linked immunosorbent assay : results of the fourth workshop on standardisation of insulin autoantibody measurement. *J Clin Endocrinol & Metabolism* 74: 1040-1044
  25. De Beaufort CE (1992) Nicotinamid. *Diabetes, prevention and therapy* 6
  26. Green A, Gale EA, Patterson CC (1992) Incidence of childhood-onset insulin dependent diabetes mellitus: the EURODIAB ACE Study. *Lancet*.339(8798):905-9.
  27. De Beaufort CE, Sodoyez JC, Koch M, Bruining GJ, Sodoyez-Goffaux P (1993). Insulin autoantibodies and immune response to human insulin therapy in 24 type 1 (insulin-dependent) diabetic children: superiority of radio binding assay over solid phase assay. *Diabetes Res Clin Pract.* 1993 :21(1):19-24.
  28. Papoz L and the Eurodiab Subarea C study group.(1993) Utilization of drug sales data for the epidemiology of chronic diseases: the example of diabetes. *Epidemiology* 4:421-426
  29. Karvonen M, Tuomilehto J, Libman J, LaParte R for the World Health Organisation DIAMOND Project Group (1993). A review of the recent epidemiological data on the worldwide incidence of type 1 (insulin dependent) diabetes mellitus *Diabetologia* 36:883-92
  30. Hentges FR, Hoffmann A, Thill R, Michel G, de Beaufort CE, Wirion R, Glaesener G.(1994) MHC-genotyping of IDDM patients in Luxembourg.

Evidence for a pediatric patient subgroup. Bull Soc Sci Med Grand Duché de Luxembourg. 1996;133(1):5-12.

31. Batstra MR, Pina M, Quan J, Mulder P, de Beaufort CE, Bruining GJ, Aanstoot HJ (1997). Fluctuations in GAD65 antibodies after clinical diagnosis of IDDM in young children. Diabetes Care. 20(4):642-4.
32. De Beaufort CE (1998) Hypoglycemia during intensified insulin therapy of young children. J Pediatr Endocrinol Metab. Mar;11 Suppl 1:153-8. Review.
33. The Eurodiab ACE study group and the Eurodiab Ace substudy 2 study group (1998) familial risk of type 1 diabetes in European children. Diabetologia 41: 1151-1156
34. Dahlquist GG, Patterson C, Soltesz G (1999) Perinatal risk factors for childhood type 1 diabetes in Europe. The EURODIAB Substudy 2 Study Group. Diabetes Care 1999;22(10):1698-702
35. The EURODIAB Substudy 2 Study Group Vitamin D supplement in early childhood and risk for Type I (insulin-dependent) diabetes mellitus.. Diabetologia 1999 : 4 2(1):51-55 36 The Eurodiab Substudy 2 study group. Infections and vaccinations as risk factors for childhood type1(insulin dependent) diabetes mellitus: a multicentre case control investigation. Diabetologia 2000 43: 47 -53
36. De Beaufort CE, Schneider F, Chafai R, Colette JM, Delneste D, Pierquin G (2000) Diaphragmatic hernia and Fryns syndrome phenotype in partial trisomy 22. Letter to the editor. Genetic Counseling 11(2) 181-2
37. EURODIAB ACE study group (2000). Variation and trends in incidence of childhood diabetes in Europe. Lancet 355: 873-876
38. Eurodiab Substudy 2 Study Group. Decreased prevalence of atopic diseases in children with diabetes. J Pediatr 2000;137: 470-474
39. Krteskva-Konstantinova,M, Charlier C, Craen M; De Caju M, Heinrichs C, De Beaufort C, Plomteux G, Bourguignon JP (2001) Sexual precocity after immigration from developing countries to Belgium : evidence of previous exposure to organochlorine pesticides. Human Reproduction 16 : 1020-1024
40. McKinney PA on behalf of the EURODIAB Seasonality of Birth group (2001) Seasonality of birth in patients with childhood type 1 diabetes in nineteen European regions. Diabetologia 44: suppl 3 : B67-B74
41. Hilger C, Grigioni F, de Beaufort C, Michel G , Freilinger J, Hentges F (2001) Differential binding of IgG and IgA antibodies to antigenic determinants of bovine serum albumin. Clin Exp Immunol 123: 387-394
42. Levy-Marchal C, Patterson CC, Green A on behalf of the Eurodiab ACA study group. (2001) Geographical variation of presentation at diagnosis of type 1 diabetes in children : the EURODIAB Study . Diabetologia 44 Suppl 3 : B75-B80
43. Green A, Patterson CC on behalf of the EURODIAB TIGER Study Group (2001) Trends in the incidence of childhood onset diabetes in Europe 1989-1998 Diabetologia 44 suppl 3 : B3-B8
44. Patterson CC, Dahlquist G, Soltesz G, Green A on behalf of the EURODIAB ACE Study group (2001) Is childhood onset type1 diabetes a wealth-related disease. An ecological analysis of European incidence rates. Diabetologia 44 Suppl : B 9 - B16
45. Ronningen KS, Keiding N, Green A on behalf of Genomic marker contributors and the EURODIAB ACE study group. (2001) Correlations between the incidence of childhood onset type 1 diabetes in Europe and genotypes. Diabetologia 44 suppl 3 B51-B59
46. Carine E de Beaufort, Antti Reunanen, Veena Raleigh, Fred Storms, Line Kleinebreil, Rosa Gallego, Carlo Giorda , Kristian Midthjell, Michael Jecht, Ivo de Leeuw, Edith Schober, Gerald Boran, Georges Tolis. (2003) European Union Diabetes Indicators : fact or fiction? EJPH 2003 Sep;13(Suppl):51-4.
47. Perquin M, Michel GH, de Beaufort C, Keipes M, Wirion R, Haas N. Change

- in diabetes prevalence and treatment in the last ten years in Luxembourg. A lesson from the United Kingdom prospective diabetes study? *Diabetes Metab.* 2005 Nov;31(5):499-
48. Nielsen LB, Mortensen HB, Chiarelli F, Holl R, Swift P, de Beaufort C, Poole F, Hougaard P, Gammeltoft S, Knip M, Hansen L; Hvidore Study Group. Impact of IDDM2 on disease pathogenesis and progression in children with newly diagnosed type 1 diabetes: reduced insulin antibody titres and preserved beta cell function. *Diabetologia.* 2005 Nov 23;:1-4 502.
  49. Danne T, Battelino T, Kordonouri O, Hanas R, Klinkert C, Ludvigsson J, Borch-Johnsen K, Aebi C, Gschwend S, Mullis P, Schumacher U, Schwitzgebel V, Zumsteg A, Morandi A, Rabbone I, Cherubini V, Toni S, de Beaufort C, Hindmarsh P, Sumner A, van Waarde WM, van den Berg N, Phillip M. (2005) A cross-sectional international survey of continuous subcutaneous insulin infusion (CSII) in 377 children and adolescents with type 1 diabetes mellitus from 10 countries. *Pediatric Diabetes* :6 : 193-198.
  50. de Beaufort C, Beck P, Seligmann R, de Meirleir L, de Schepper J. Acute pancreatitis after growth hormone treatment: disease or treatment linked? *Eur J Pediatr.* 2006 Sep;165(9):652-3. Epub 2006 May 12. No abstract available.
  51. Sagen JV, Odili S, Bjorkhaug L, Zelent D, Buettger C, Kwagh J, Stanley Dahl-Jorgensen K, de Beaufort C, Bell GI, Han Y, Grimsby J, Taub R, Morahan A, Sovik O, Njolstad PR, Matschinsky FM. From clinicogenetic studies of maturity-onset diabetes of the young to unraveling complex mechanisms of glucokinase regulation. *Diabetes.* 2006 Jun;55(6):1713-2
  52. De Beaufort C, Swift P. Support for young people with diabetes. *BMJ.* 2006 Jul 8;333(7558):55-6. No abstract available
  53. Perquin M, Keipes M, Wirion R, Haas N, de Beaufort CE, Michel GH. [Development of the medical treatment of diabetes in Luxembourg] *Bull Acad Sci Med Grand Duche Luxemb.* 2006;(1):29-35. French
  54. Vits L, Beckers D, Craen M, de Beaufort C, Vanfleteren E, Dahan K, Nolle A, Vanhaverbeke G, Imschoot SV, Bourguignon JP, Beauloye V, Storm K, Massa G, Giri M, Nobels F, De Schepper J, Rooman R, Van den Bruel A, Mathieu C, Wuyts W. Identification of novel and recurrent glucokinase mutations in Belgian and Luxembourg maturity onset diabetes of the young patients. *Clin Genet.* 2006 Oct;70(4):355-9. No abstract available.
  55. The Diamond Project Group .Incidence and trends of Childhood Type 1 diabetes worldwide 1990-1999 *Diabetic Medicine* 2006
  56. K Lagrou , J Vanderfaellie, C Froidecoeur, M Thomas, G Massa, S Tenoutasse, M Craen, MC Lebrethon, D Beckers, I Francois, M Maes, R Rooman, G Thiry-Counson, C de Beaufort, J De Schepper Effect of 2 years of high-dose growth hormone therapy on cognitive and psychosocial development in short children born small for gestational age. *Eur J Endocrinol.* 2007 Feb;156(2):195-201
  57. Phillip M, Battelino T, Rodriguez H, Danne T, Kaufman F; Use of insulin pump therapy in the pediatric age-group: consensus statement from the European Society for Paediatric Endocrinology, the Lawson Wilkins Pediatric Endocrine Society, and the International Society for Pediatric and Adolescent Diabetes, endorsed by the American Diabetes Association and the European Association for the Study of Diabetes. *European Society for Paediatric Endocrinology; Lawson Wilkins Pediatric Endocrine Society; International Society for Pediatric and Adolescent Diabetes; American Diabetes Association; European Association for the Study of Diabetes . Diabetes Care.* 2007 Jun;30(6):1653-
  58. Lotte B Nielsen, Kenneth B Plough, Peter Swift, Cathrine Orskov, France Chiarelli, Jens J Holst, Philip Hougaard, Sven Porksen, Reinhard Holl, Carsten de Beaufort, Steen Gammeltoft, Patrik Rorsman, Henrik B Mortensen, Lars Hansen ON BEHALF OF THE HVIDORE STUDY GROUP Co-localization of the Kir6.2/SUR1 channel complex with GLP-1 and GIP expression in human pancreatic islet cells and implications for glycaemic control in new onset type 1 diabetes'. *Eur J Endocrinol* 2007;156 (6): 663-71.
  59. de Beaufort CE, Swift PG, Skinner CT, Aanstoot HJ, Aman J, Cameron F, Martul P, Chiarelli F, Daneman D, Danne T, Dorchy H, Hoey H, Kaprio EA, Kaufman F, Kocova M, Mortensen HB, Njolstad PR, Phillip M, Robertson

- Schoenle EJ, Urakami T, Vanelli M; Hvidoere Study Group on Childhood Diabetes 2005. The Hvidoere Study Group on childhood Diabetes. Continuing Stability of Center Differences in Pediatric. Diabetes Care: do advances in diabetes treatment improve outcome? Diabetes Care 2007 (9..)
60. Lagrou , J Vanderfaeillie, C Froidecoeur, M Thomas, G Massa, S Tenouta M Craen, MC Lebrethon, D Beckers, I Francois, M Maes, R Rooman, G TH Counson, C de Beaufort, J De Schepper. Concerns, expectations and perception regarding stature, physical appearance and psychosocial functioning before and during growth hormone treatment of short pre-pubertal children born small for gestational age Hormone Research 2007
  61. Hans K. Akerblom, Mikael Knip, Dorothy Becker, Hans -Michael Dosch, J Dupre, Jorma Ilonen, Jeffrey P. Krischer and \*the TRIGR Study Group. The TRIGR Trial: Testing the Potential Link between Weaning Diet and Type 1 Diabetes. Immun., Endoc.& Metab. Agents in Med Chem., 2007;7:251-2
  62. Krischer J, \*the TRIGR Study Group. Study design of the Trial to Reduce IDDM in the Genetically Risk (TRIGR). Pediatric Diabetes 2007;8:117-13
  63. Anna Biason-Lauber , Daniel Konrad , Carine deBeaufort , Eugen J Schoenle. Normal ovaries and female phenotype in a girl with a 46 XY karyotype and mutations in the polycomb human CBX2 GENE. Submitted to Am J of Genetics 2008 84 (5) 658-63
  64. The Hvidoere Study Group on Childhood Diabetes Resources or targeting The Hvidoere study group on childhood diabetes. Comment letter to the Editor Jan 2008-01-11
  65. Chris R Cardwell, Lars C Stene , Geir Joner , Ondrej Cinek , Jannet Svensson , Michael J Goldacre , Roger C Parslow , Paolo Pozzilli , Girts Brigis , Denka Stoyanov , Brone Urbonaite , Sandra Sipetic , Edith Scholze , Constantin Ionescu-Tirgoviste , Gabriele Devoti ( , Carine E de Beaufort , Chris C Patterson. Caesarean section is associated with an increased risk of childhood onset type 1 diabetes: A meta-analysis of observational studies (2008) Diabetologia 2008 1(5):726-35
  66. Cameron F.J.1, Skinner T.C.2, de Beaufort C.E., 3, Hoey H.4, Swift P.G. Aanstoot H.6, Aman J.7, Martul P8, Chiarelli F.9, Daneman D.10, Danne T.11, Dorchy H.12, Kaprio E.A.14, Kaufman F.15, Kocova M.16, Mortensen H.B.17, Njolstad P.R.18, Phillip M.19, Robertson K.J.20, Schoenle E.J.21, Urakami T.22, Vanelli M.23, Ackermann R.W.24, Skovlund S.E.24 for and on behalf of the Hvidoere Study Group on Childhood Diabetes (2008) Are factors universally related to metabolic outcomes in adolescents with type 1 diabetes? Diabetic Medicine 2008 25(4):463-8
  67. Aman J. (MD)1, Skinner T.C. (PhD)2, de Beaufort C. (MD)3, Swift P. (MD)4, Aanstoot H-J (MD)5, Cameron F.(MD)6, Martul P. (MD)7, Chiarelli F. (MD)8, Daneman D. (MD)9, Danne T. (MD)10, Dorchy H. (MD)11, Hoey H. (MD)12, Kaprio E.A. (MD)13, Kaufman, F. (MD) 14, Kocova, M (MD, PhD) 15, Mortensen H.B. (MD)16, Njolstad P.R. (MD, PhD)17, Phillip M. (MD)18, Robertson K.J. (MD)19, Schoenle E.J. (MD) 20, Urakami T. (MD)21, Vanelli M. (MD)22, Ackerman R.W. (MD)23, Skovlund S.E. 23 for and on behalf of the Hvidoere Study Group on Childhood Diabetes Associations between physical activity, sedentary behaviour and glycemic control in a large cohort of adolescents with type 1 diabetes: Hvidoere Study Group on Childhood Diabetes. 2009 Pediatric Diabetes 10 :234-9
  68. Henrik B Mortensen1, Philip Hougaard2, Peter Swift3, Lars Hansen1, Reinhard .W. Holl 4, Hillary Hoey5, Helle Lynggaard 6, Henk J. Aanstoot 7, Hilde Bjoerndalen8, Carine de Beaufort 9, Francesco Chiarelli10, Knut Dahl-Joergensen8, Thomas Danne 11, Rosa M. Tsou12, Patrick Garandeau 13, Mirjana Kocova 14, Pedro Martul 15, Nubuo Matsuura 16, Kenneth J. Robertson 17, Eugen J. Schoenle 18, Maurizio Vanelli 19, Jaroslaw Aman 20 on behalf of the Hvidoere Study Group on Childhood Diabetes Associations between physical activity, sedentary behaviour and glycemic control in a large cohort of adolescents with type 1 diabetes: Hvidoere Study Group on Childhood Diabetes. 2009 Pediatric Diabetes 10 :234-9
  69. Pflieger C, Kaas A, Hansen L, Alizadeh B, Hougaard P, Holl R, Kolb H, Robertson KJ, Mortensen HB, Schloot NC; Hvidore Study Group On Childhood Diabetes. Relation of circulating concentrations of chemokine receptor CCR2 ligands to C-peptide, proinsulin and HbA1c and disease progression in type 1 diabetes. Clin Immunol. 2008 Jul;128(1):57-65.

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71. Patterson CC, Dahlquist GG, Gyurus E, Green A, Soltesz G; EURODIAB Group. Incidence trends for childhood type 1 diabetes in Europe 1989-2003 and predicted new cases 2005-20: a multicentre prospective registration study *Lancet*. 2009 13;373(9680):2027-33
72. Carine de Beaufort , Przemyslaw Jarosz-Chobot, Marcia Frank, Jennifer deBart, Grazyna Deja Transition from pediatric to adult diabetes is smooth or slippery? *Pediatric Diabetes* 2009
73. Phillip M, Danne T, Shalitin S, Buckingham B, Laffel L, Tamborlane W, Battelino T, for the Consensus Forum Participants. Use of continuous glucose monitoring in children and adolescents. *Pediatric Diabetes* 2012
74. Cardwell CR, Svensson J, Waldhoer T, Ludvigsson J, Sadauskaite-Kuehn V, Roberts CL, Parslow RC, Wadsworth EJ, Brigis G, Urbonaite B, Schober E, Devoti G, Ionescu-Tirgoviste C, de Beaufort CE, Soltesz G, Patterson CC. Interbirth Interval Is Associated With Childhood Type 1 Diabetes Risk. *Diabetes*. 2012. [
75. Kaas A, Max Andersen ML, Fredheim S, Hougaard P, Buschard K, Petersen JS, de Beaufort C, Robertson KJ, Hansen L, Mortensen HB, Nielsen LB; on behalf of The Hvidoere Study Group on childhood diabetes. Proinsulin, C-peptide, and glucagon are associated with partial remission in children and adolescents with newly diagnosed type 1 diabetes. *Pediatr Diabetes*. 2011 Feb;13(1):51-58.
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77. Descamps OS, Tenoutasse S, Stephenne X, Gies I, Beauloye V, Lebrethe MC, De Beaufort C, De Waele K, Scheen A, Rietzschel E, Mangano A, Pan JP, Ducobu J, Langlois M, Balligand JL, Legat P, Blaton V, Muls E, Van G L, Sokal E, Rooman R, Carpentier Y, De Backer G, Heller FR. Management of familial hypercholesterolemia in children and young adults: consensus protocol developed by a panel of lipidologists, cardiologists, paediatricians, nutritionists, gastroenterologists, general practitioners and a patient organization. *Atherosclerosis*. 2011 Oct;218(2):272-80.
78. Hougaard P, de Beaufort C, Castano L, Mortensen HB, Lernmark A, Hansson L; Hvidoere Study Group on Childhood Diabetes. Relationship between ZnT8Ab, the SLC30A8 gene and disease progression in children with newly diagnosed type 1 diabetes. *Autoimmunity*. 2011 Dec;44(8):616-23. Epub 2011 May 23.
79. Hanas R, de Beaufort C, Hoey H, Anderson B. Insulin delivery by injection in children and adolescents with diabetes. *Pediatr Diabetes*. 2011 Aug;12(5):518-26.
80. Nielsen LB, Porksen S, Andersen ML, Fredheim S, Svensson J, Hougaard P, Vanelli M, Aman J, Mortensen HB, Hansen L; Hvidoere Study Group on Childhood Diabetes. The PTPN22 C1858T gene variant is associated with proinsulin in new-onset type 1 diabetes. *BMC Med Genet*. 2011 Mar 23;12:41.
81. Cardwell CR, Stene LC, Joner G, Bulsara MK, Cinek O, Rosenbauer D, Ludvigsson J, Svensson J, Goldacre MJ, Waldhoer T, Jarosz-Chobot M, Gimeno SG, Chuang LM, Roberts CL, Parslow RC, Wadsworth EJ, Chetani A, Brigis G, Urbonaite B, Sipetic S, Schober E, Devoti G,
82. Ionescu-Tirgoviste C, de Beaufort CE, Stoyanov D, Buschard K, Radon K, Glatthaar C, Patterson CC. Birth order and childhood type 1 diabetes risk: a pooled analysis of 31 observational studies. *Int J Epidemiol*. 2011 Apr;40(2):363-74. Epub 2010 Dec 10. Review.
83. Conget I, Battelino T, Gimenez M, Gough H, Castaneda J, Bolinder J; SWITCH Study Group. The SWITCH study (sensing with insulin pump therapy to control HbA(1c)): design and methods of a randomized controlled crossover trial on sensor-augmented insulin pump efficacy in type 1 diabetes suboptimally controlled with pump therapy. *Diabetes Technol Ther*. 2011

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85. 10.1111/j.1464-5491.2011.03544.
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B De Beaufort CE (1990) Neuropathie.

In : *Le diabète de l'enfant*. EdsPDF Bougneres , J Jos, JL Chaussain. Flammarion Paris

C Carine de Beaufort and Katherine Barnard. Challenges to emotional well being : depression, anxiety and parental fear of hypoglycaemia..

In : *Psychosocial Aspects of Diabetes Children , adolescents and their families* D Christie and Martin Radcliffe publishing 2012

D Wampach, Linda, Wilmes, Paul, De Beaufort, Carine. Microbiome and type 1 diabetes [internet]. 2013 [ ]; Diapedia 2104723411 rev. no. 14

E Neonatal and Paediatric Prescribing Book , UK , 2017 :

ED : Barker et al Treatment of Type 1 diabetes in children . 2017

F Research into Childhood-Onset Diabetes. From Study Design to Improved Management ISBN 978-3-319-40242-0

Editors: Scaramuzza, Andrea, de Beaufort, Carine, Hanas,

Ragnar G Epidemiology and pathogenesis of type 1 diabetes in

children. *Glucose Metabolism Derangements in Pediatric Age*

Editors A Franzese, E Mozzillo, FM Rosanio. ISBN (10) 1-5275-8744-4

1989.. Eurodiab, (Ace and other substudies), representative for Luxembourg  
 1997-1998 EFI ( European forum on immunisation) ,representative for Luxembourg  
 1990-1993 IDS Participant in workshops for harmonisation of different laboratory techniques (autoimmunity in diabetes)  
 1998-- Hvidoere Study Group, international collaborative study group investigating different clinical aspects of childhood diabetes  
 2010-2019 Chair Hvidoere study group  
 International Grants  
 2000-2002 EU Diabetes Indicator Project,(n°S12.289539) Coordinator  
 2005-2008 EUCID Diabetes Indicator Project (steering committee) (SANCO/PHEA )  
 2007-2008 Expert diabetes EUGloreh report  
 2007-2008 Expert EUphix  
 2008-2010 SWEET study (PHEA) steering committee  
 2008-2012 EU Birod, luxemburg representative  
 2009-2012 Interreg Edudora , interreg diabetes and obesity in adolescents and adults  
 2012-2016 SPIDIMAN FP7 Framework grant (nr 305343) extension  
 2017 07 2015-2022 INNODIA ( PI Luxembourg ) IMI-2  
 2020-2022 INNODIA HARVEST  
 2020- partner in the national EPTRI hub  
 2017-2021 Kidsap (PI luxembourg) Horizon2020 -grant  
 731560- 2021-2023 ACCISS III- Health Action International

#### National projects

1989.. CRP/EPIDID research group on diabetes in Luxembourg (incidence, prevalence, autoimmunity, family study, risk factors etc)  
 2005-2008 Steering committee DiabCare Luxemburg  
 2005-2009 Steering committee OSPEL ( Obesite et Surcharge ponderale chez l'enfant Luxembourgeois)  
 2012-2015 MUST (CHL/IBBL/LCSB)  
 2012-2026 COSMIC (CHL/IBBL/LCSB)  
 2018-2020 Numeracy Study : Hvidoere study group  
 2018-2023 Methodology of non invasive procedures - CHL/LIH/LNS-CHARM/Hormini.  
 2019 EDEG Chair  
 2019 Luxfico project - LIH-CHL-LCSB  
 2019 CoLive Diabetes -international scientific advisory board member  
 2021-2023 EARLIE Familial Hypercholesterolemia Screening in school children Pilot study Foundation Coeur Daniel Wagner)  
 2020-21 CLEAR retrospective analysis of SARS-CoV2 in children  
 2021-2022 PrediCovid Pediatrics

#### Memberships

ADAD American Diabetes Association  
 EASD European Association for the Study of Diabetes  
 ISPAD International Society for Pediatric, Adolescent and young Adults Diabetes: President 2020-2022  
 ESPE European Society for Paediatric Endocrinology  
 EAPS European Academy of Paediatrics  
 NVKGNederlandse Vereniging voor Kindergeneeskunde  
 SLP Societe Luxembourgeoise de Pediatrie,  
 SSM

Other  
Relevant  
Information

SLD : chair 2018-

Pediatric Committee (PDCO), European Medicine Agency (Amsterdam) Representative for Luxembourg

Participant in the Consensus Meeting Glucose sensors 2011 (Consensus Statement Use of continuous glucose monitoring in children and adolescents Pediatric Diabetes 2012)

HVIDOERE STUDY GROUP

Member Scientific Board ALAN- MALADIES RARES Luxembourg

2018- Member Plan Maladie Rare Luxembourg 2018-

Expertise Diabetes

Endocrinology

Pediatrics

1988 University diploma in Public Health, Faculty I of Nancy, Nancy, France

1998 Certificate in Good Clinical Practice for Investigators, Brookwood

International Academy of Healthcare research, UK

2018 Advanced GCP course EFGCP certificate

2018-2021 Member Luxembourg Committee National Plan for Rare Diseases