

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

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

June 2018–June 2018

EFGCP certificate

LIH /EFGCP (Luxembourg)

advanced GCP

ADDITIONAL INFORMATION

Expertise Diabetes
Endocrinology
Pediatrics

Publications PUBLICATIONS

- 1 De Beaufort CE, Bruining GJ, Aarsen RSR, den Boer NC, Grose WFA (1985) 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 (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 bloodglucose 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, François R, Herz G, New M, Orchard T, Schober E. (1986) HLA Dr3 is associated with a more slowly progressive form of IDDM. *Diabetologia* 29 :207-210
- 6 Baekkeskov S, Kristensen JK, Landin M, Srikanta S, Bruining GJ, Poulsen TM, 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: assessment of thermal discrimination. *Diabetic Medicine* 4: 251-53
- 9 De Beaufort CE, den Boer NC, Bruining GJ, Eilers GAM, van Strik R, Weterings T (1988) Urinary C-peptide : a useful tool to evaluate the endogenous insulin reserve in cohort and longitudinal studies of diabetes in childhood. *Ann Clin Biochem* 25:552-559
- 10 De Beaufort CE, Binder C, Bruining GJ, den Boer NC, van Strik R (1988) Insulin 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 MGJ, Duc ML, Pierson M (1989). Quantitative determination of peripheral nerve function in children with end-stage renal failure. *Pediatric Nephrology* 238 :175-178
- 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* 6:766-771
- 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 RSR, 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. *Diabète et Métabolisme* 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/Metab Rev* 1990 : 6: 63-69
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- 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: 465-469
- 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 radio immunoassay methodology are more related to insulin dependent diabetes than those measured by enzyme-linked immunosorbent assay : results of the fourth workshop on the standardisation of insulin autoantibody measurement. *J Clin Endocrin & Metabolism* 74: 1040-1044
- 25 De Beaufort CE (1992) Nicotinamid. *Diabetes, prevention and therapy* 6 : 17
- 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.
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- 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 Duche Luxemb.* 1996;133(1):5-12.
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66 Chris R Cardwell PhD1, Lars C Stene PhD2, Geir Joner MD PhD3, Ondrej Cinek MD PhD4, Jannet Svensson MD5, Michael J Goldacre FFFPM6, Roger C Parslow PhD7, Paolo Pozzilli MD8, Girts Brigis MD PhD9, Denka Stoyanov (Highest qualification?)10, Brone Urbonaite MD PhD11, Sandra Sipetic MD12, Edith Schober MD13, Constantin Ionescu-Tirgoviste MD PhD14, Gabriele Devoti (Highest qualification?)15, Carine E de Beaufort MD PhD16, Chris C Patterson1 PhD. 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

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Hoey⁵, Helle Lynggaard⁶, Henk J. Aanstoot⁷, Hilde Bjoerndalen⁸, Carine de Beaufort⁹, Francesco Chiarelli¹⁰, Knut Dahl-Joergensen⁸, Thomas Danne¹¹, Rosa M. Tsou¹², Patrick Garandeau¹³, Mirjana Kocova¹⁴, Pedro Martul¹⁵, Nubuo Matsuura¹⁶, Kenneth J. Robertson¹⁷, Eugen J. Schoenle¹⁸, Maurizio Vanelli¹⁹, Jan Aman²⁰ on behalf of the Hvidoere Study Group on Childhood Diabetes A new definition of the partial remission phase in children and adolescents with type 1 diabetes. *Diabetes Care* 2009

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Projects

EU/international projects

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----- 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

2017-2020 Kidsap (PI luxembourg) Horizon2020 -grant 731560-

National projects

1989.. CRP/EPIDID research group on diabetes in Luxembourg (incidence, prevalence, autoimmunity, family study, risk factors etc)

2005-2008 Steering committee DiabCare Luxembourg

2005-2009 Steering committee OSPEL (Obésité et Surcharge pondérale chez l'enfant Luxembourgeois)

2012-2015 MUST (CHL/IBBL/LCSB)

COSMIC (CHL/IBBL/LCSB)

2018-2019 Numeracy Study : Hvidoere study group

2018-2019 methodology of non invasive porcedures

2019 EDEG Chair

Memberships

American Diabetes Association

European Association for the Study of Diabetes

International Society for Pediatric and Adolescent Diabetes (General Secretary 2012-2016)

European Society for Paediatric Endocrinology

European Academy of Paediatrics

Nederlandse Vereniging voor Kindergeneeskunde

Belgium Study Group for Pediatric Endocrinology (invited member)

Société Luxembourgeoise de Pédiatrie,

SSM

SFD

SLD : chair 2018-

Pediatric Committee (PDCO), European Medicine Agency (Londres) 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

Other Relevant Information

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