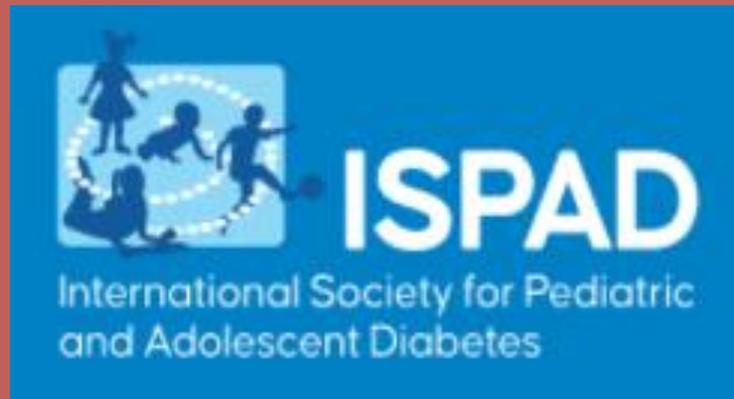


ISGD to ISPAD: 50+ years



1974 – 2026

Prepared by Stu Brink, ISPAD Historian

12 June 1974: “Chateau Lestradet” in Paris



- Jacques Besse, Rene Francois, Roger Jean, **Henri Lestradet**, Paul Maestraggi, Claude de Menibus, Philippe Tric: France
- Alina Margolis, Poland
- Giuseppe Chiumello: Italy
- **Zvi Laron**: Israel
- **Helmuth Jean Loeb**: Belgium
- Leo Matajic: Yugoslavia
- Albert Megevand: Switzerland
- Enric Vicens-Calvet: Spain
- Madeline Von Wolff: Switzerland
- Bruno Weber: West Germany

Prior to 1974: Genesis

- Pediatric diabetology mostly ignored by pediatric endocrinology ☹️
- Most pediatric diabetes patients receive care by adult diabetologists around the world ☹️ ☹️
- IDF, ADA, BDA, EASD with very little focus on pediatric or adolescent diabetes issues ☹️ ☹️ ☹️

1975

 **Henri Lestradet,**
Hôpital des Enfants-
Malades, Paris, France:

 First President of ISGD



1975

 **Zvi Laron:**
Beilinson Center,
Tel Aviv University,
Petah Tikva, Israel:

 First Secretary-
General of ISGD

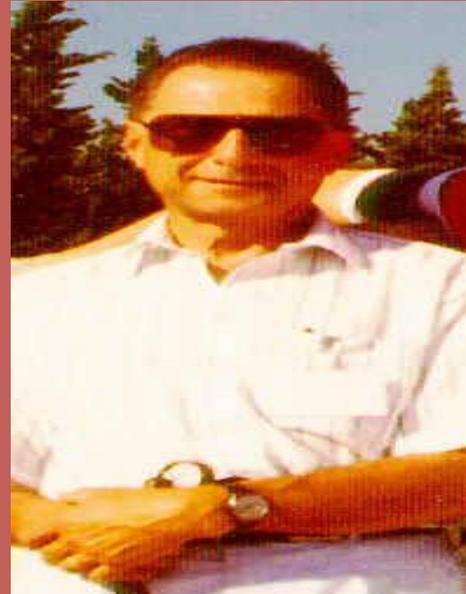
 Fifth President of
ISGD/ISPAD



1975

 **Helmuth Jean Loeb,**
Hôpital Universitaire
Saint Pierre, Bruxelles,
Belgique:

 First Treasurer of ISGD



1974

- ISGD created with members from Belgium, France, Israel, Italy, Poland, Spain, Switzerland, West Germany, Yugoslavia
- First meeting at “Chateau Lestradet” after rejection of pediatric subsection by IDF
- Initial constitution and working by-laws created with provision for Steering Committee officers and Advisory Council



1975: ISGD Year 2 Expansion

- **From USA:** Arlan Rosenbloom, Robert Kaye, Robert Jackson, Richard Guthrie, Donnell Etzwiler, Marvin Cornblath, Lester Baker, **Allan Drash**
- **From Finland:** **Hans Akerblom**
- **From Norway:** Oystein Aagenaes
- **From Sweden:** Johnny Ludvigsson
- **From UK:** David Baum

2 Future Presidents

1974-1983

Annual scientific meetings for pediatricians by pediatricians

Camaraderie



Peer support

Bulletin of ISGD



Diabetes in the Young

Scientific debates



ISGD Annual Meetings:

The First Decade: 1974 - 1983

- **12 June 1974: Founding Meeting**, Paris
Centre International de l'Enfance, Chateau de Longchamps
- 1975: Tel Aviv, Israel: Zvi Laron
- 1976: Han-sur-Lesse, Belgium: Jean Loeb & Harry Dorchy
- 1977: Chateau de la Verriere, France: Henri Lestradet & Philippe Tric
- 1978: Netanya, Israel: Zvi Laron
- 1979: Berlin, West Germany: Bruno Weber
- 1980: Palafrugell, Spain: Enric Vicens-Calvet
- 1981: Les Collons sur Sion, Switzerland: Albert Megevand, Guido Herz, Madeline Von Wolff
- 1982: Nairobi, Kenya w/IDF: Yngve Larsson & Johnny Ludvigsson
- 1983: Miskolc-Tapolca, Hungary: Laszlo Madacsy



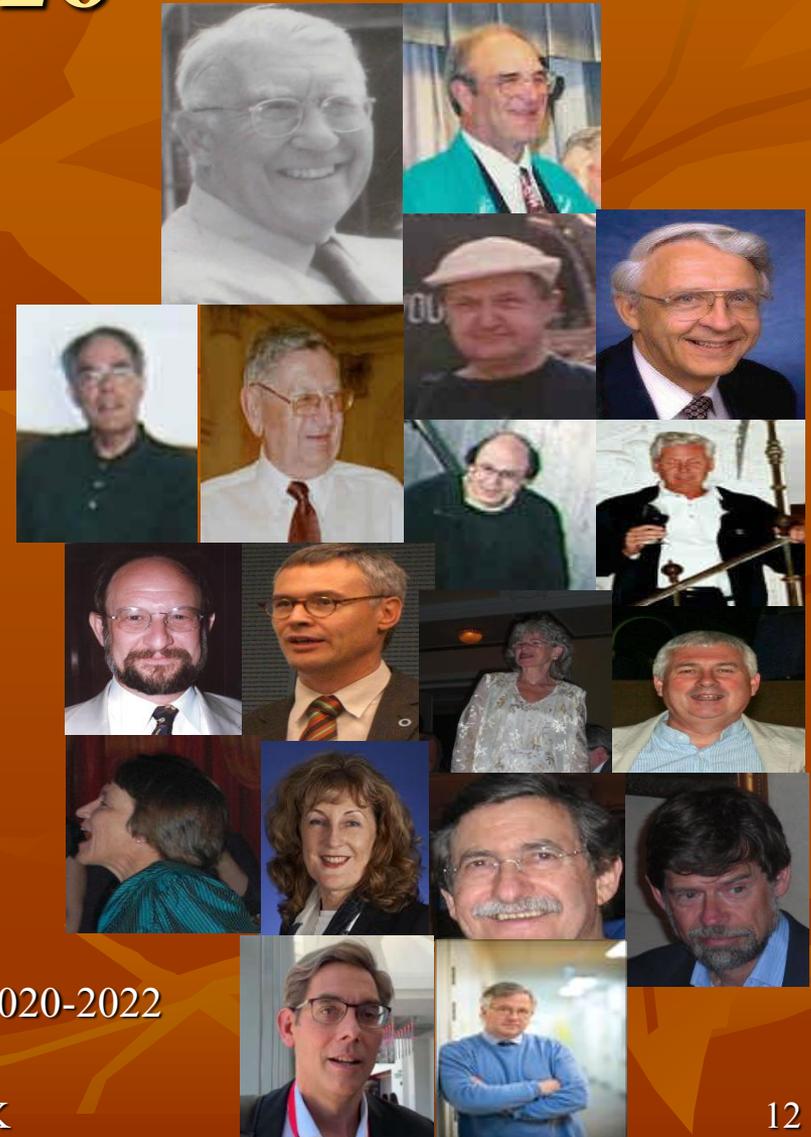
1976 ISGD meeting: Belgium



1974-2026

■ 19 Presidents

- Henri Lestradet, France: 1975-1981
- Allan Drash, USA: 1981-1987
- Teruo Kitagawa, Japan: 1987-1990
- Bruno Weber, Germany: 1990-1993
- Zvi Laron, Israel: 1993-1996
- Hans Akerblom, Finland: 1996-1999
- Martin Silink, Australia: 1999-2002
- Knut Dahl-Jorgensen, Norway: 2002-2004
- Denis Daneman, Canada: 2004-2006
- Stuart Brink, USA: 2006-2008
- Thomas Danne, Germany: 2008-2010
- Lynda Fisher, USA: 2010-2012
- Stephen Greene, Scotland: 2012-2014
- Ragnar Hanas, Sweden: 2014-2016
- Joseph Wolfsdorf, USA: 2016-2018
- Kim Donaghue, Australia: 2018-2020
- Carine de Beaufort, Luxembourg/Netherlands: 2020-2022
- David Maahs, USA: 2022-2024
- Fergus Cameron, Australia: 2024-2026



1974-2028

■ 20 Presidents

- Catariina Limbert, Portugal: 2026-2028



1974-2026

■ 12 Secretaries-General

- Zvi Laron, Israel: 1975-1979
- Bruno Weber, Germany: 1979-1985
- Johnny Ludvigsson, Sweden: 1985-1991
- Stuart Brink, USA: 1991-1997
- Knut Dahl-Jorgensen, Norway: 1997-2002
- Peter Swift, UK: 2002-2004
- Thomas Danne, Germany: 2004-2008
- Ragnar Hanas, Sweden: 2008-2012
- Carine de Beaufort, Luxembourg: 2012-2016
- David Maahs, USA: 2016-2020
- Jamie Wood, USA: 2020-2024
- Jannet Svensson, Denmark: 2024-2028



1974-2027

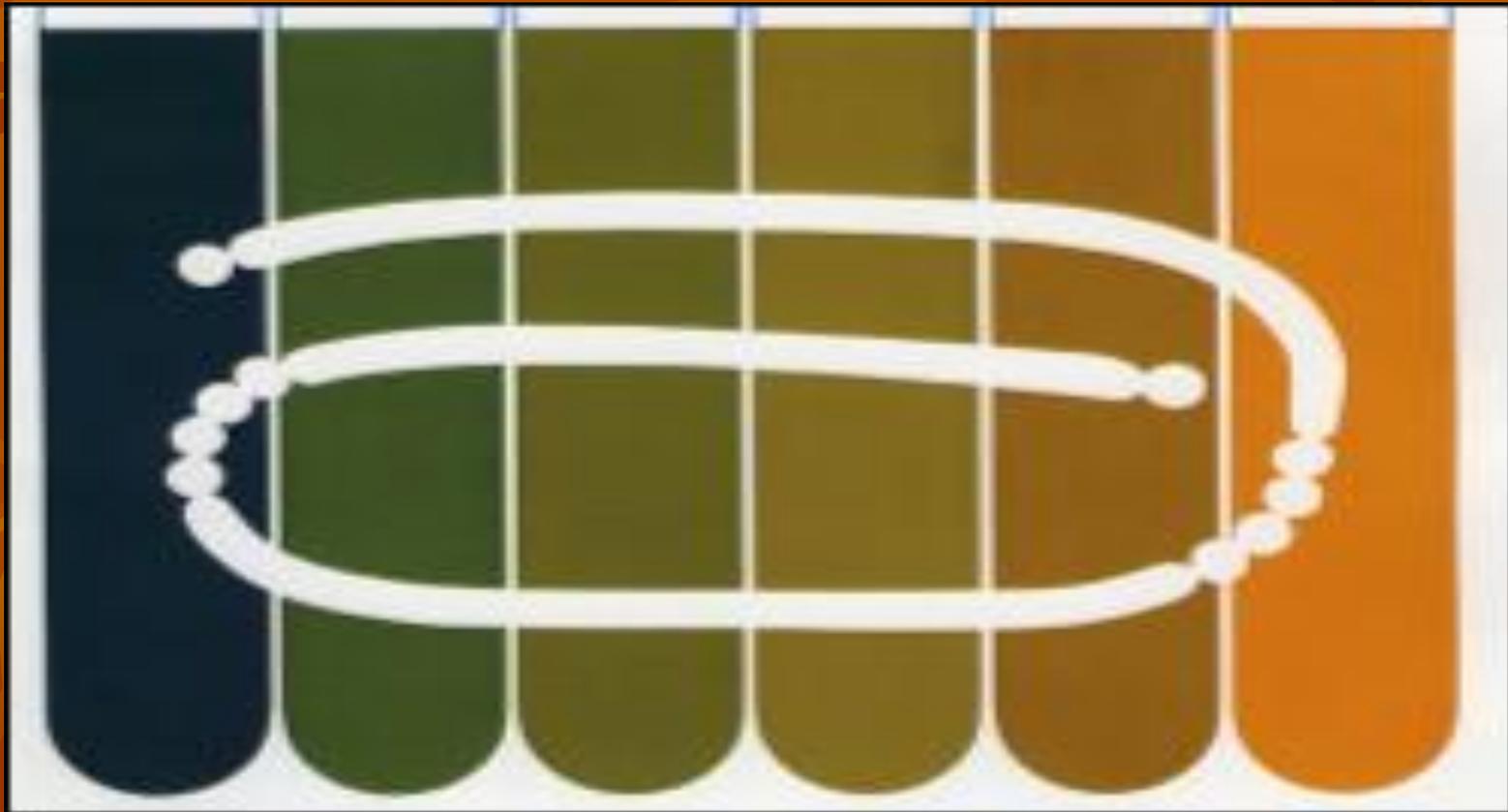
■ 10 Treasurers

- Helmuth Jean Loeb, Belgium: 1975-1980
- Harry Dorchy, Belgium: 1980-1986
- Ingeborg Deschamps, France: 1986-1992
- Eugen Schoenle, Switzerland: 1992-1998
- Kaichi Kida, Japan: 1998-2004
- Lynda Fisher, USA: 2004-2009
- Kenneth Robertson, Scotland: 2009-2013
- Henk Veeze, Rotterdam: 2013-2015
- Andrea Scaramuzza, Italy: 2015-2019
- Lars Krogvold, Norway: 2019-2023
- Sabine Hofer, Austria: 2023-2027



ISGD ORIGINAL LOGO

proinsulin atop Clinitest ® colors, compliments of Harry Dorchy



BRINK

ISGD UPDATES ... ITS LOGO

compliments of Johnny Ludvigsson



ISPAD updates ... its LOGO with a young adult and her mobile phone...



ISGD Advisory Council

- 1976-1979
 - Jorge Sires, Argentina
 - Bruno Weber, West Germany
- 1976-1980
 - Giuseppe Chiumello, Italy
 - Allan Drash, USA
- 1976-1981
 - Oystein Aagenaes, Norway
 - Rene Francois, France

ISGD Advisory Council

- 1979-82
 - Enrique Vicens-Calvet, Spain
 - Arlan Rosenbloom, USA
- 1979-84
 - Hans Akerblom, Finland
- 1980-83
 - David Baum, UK

ISGD Advisory Council

- 1981-84
 - Leonardo Pinelli, Italy
 - Yngve Larsson, Sweden
- 1982-85
 - Laszlo Madacsy, Hungary
 - Teruo Kitagawa, Japan
- 1983-85
 - Johnny Ludvigsson, Sweden

ISGD Advisory Council

- 1984-86
 - Ingeborg Deschamps, France
- 1984-87
 - Dorothy Becker, USA
- 1985-88
 - Guido Herz, Switzerland
 - Christian Ernould, Belgium
 - Moshe Karp, Israel
 - John Court, Australia

ISGD Advisory Council

- 1986-89
 - Martin Borkenstein, Austria
- 1987-90
 - Stuart Brink, USA
- 1988-91
 - Robert Eliot, New Zealand
 - Ciril Krzisnik, Yugoslavia
 - Eberhard Heinze, West Germany

ISGD Advisory Council

- 1988-92
 - William Clarke, USA
- 1989-92
 - Kaichi Kida, Japan
- 1990-93
 - Francesco Chiarelli, Italy
- 1991-93
 - Christos Bartsocas, Greece

ISGD Annual Meetings: The Second Decade: 1984-1993

- 1984: St George, Utah, USA: Allan Drash & Dorothy Becker
- 1985: Escorial, Spain: Jose Yturriaga
- 1986: Verona, Italy: Leonardo Pinelli
- 1987: Lyon, France: Rene Francois & Bernard Beaufriere
- 1988: Oslo, Norway: Oystein Aaganaes & Knut Dahl Jorgensen
- 1989: Manville, Australia: John Court
- 1990: Bled, Yugoslavia: Ciril Krzisnik
- 1991: Williamsburg, VA, USA: William Clarke
- 1992: St Andrews, Scotland, UK: Stephen Greene
- 1993: Athens & Aegean Sea, Greece: Christos Bartsocas

ISGD ⇒ ISPAD Advisory Council

- 1991-94
 - Martin Silink, Australia
 - Knut Dahl-Jorgensen, Norway
- 1992-95
 - Olga Ramos, Argentina
 - Paul Czernichow, France
- 1993-96
 - Peter Swift, UK
 - Gyula Soltesz, Hungary

ISPAD Advisory Council

- 1994-97
 - Neville Howard, Australia
 - Francois Bonnici, South Africa
- 1995-98
 - Neil White, USA
 - Henrik Mortensen, Denmark
- 1996-99
 - Renate Lorini, Italy
 - Thomas Danne, Germany

ISPAD Advisory Council

- 1997-2000
 - Carine de Beaufort, Luxembourg
 - Henk-Jan Aanstoot, Netherlands
- 1998-2001
 - Denis Daneman, Canada
 - Przemyslaw Jarosz-Chobot, Poland
- 1999-2002
 - Mikael Knip, Finland
 - Kenneth Robertson, Scotland, UK

ISPAD Advisory Council

- 2000-2003
 - Shen Shiu Xian, China
 - Warren Lee, Singapore
- 2001-2004
 - Reinhard Holl, Germany
 - Georgeanna Klingensmith, USA

ISPAD Advisory Council

● 2002-2004

- Kim Donaghue, Australia
- Lynda Fisher, USA
- Marg McGill, Australia
- Sheridan Waldron, UK

● 2004-2006

- David Dunger, UK
- Olga Kordonouri, Germany
- Jadranka Popovic, USA
- Tuula Simell, Finland

ISPAD Advisory Council

- 2005-2007
 - Amemiya Shin, Japan
 - Silva Arslanian, USA
 - Alexandra Greene, Scotland
- 2006-2008
 - Carlo Acerini, UK
 - Gun Forsander, Sweden
 - Areti Philotheou, South Africa
 - Marcia Frank, Canada

ISPAD Advisory Council

- 2007-2009
 - Jeremy Allgrove, UK
 - Carmel Smart, Australia
 - Claire Levy-Marchal, France
 - Joseph Wolfsdorf, USA
- 2008-2010
 - Lori Laffel, USA
 - Maria Craig, Australia
 - Wojciech Mylnarski, Poland
 - Marie Hallman, Sweden

ISPAD Advisory Council

- 2009-2011
 - Kuben Pillay, South Africa
 - Timothy Wysocki, USA
 - Neil White, USA
 - Aman Pulangan, Indonesia
- 2010-2012
 - Tatsuhito Urakami, Japan
 - Przemyslaw Jarosz-Chobot, Poland
 - Fergus Cameron, Australia
 - Maartje de Wit, Netherlands

ISPAD Advisory Council

- 2011-2013

- Jill Hamilton, Canada
- Banshi Saboo, India
- Ewa Panskowska, Poland
- Michael Riddell, Canada

- 2012-2014

- Hans-Jacob Bangstad, Norway
- Tim Barrett, UK
- Barbel Aescheimer, Germany
- Marian Rewers, USA

ISPAD Advisory Council

- 2013-2015

- Sabine Hofer, Austria
- Andrea Scaramuzza, Italy
- Sheridan Waldron, UK
- Jamie Wood, USA

- 2014-2016

- Beverly Harris, Canada
- Craig Jeffries, New Zealand
- Anju Virmani, India

ISPAD Advisory Council

- 2015-2017
 - J. Chizo Agwu, UK
 - Bruce King, Australia
 - Luis Eduardo Calliari, Brazil
 - Julie Pélicand, Chile
 - Jill Weissberg-Benchell, USA
- 2016-2019
 - Eda Cengiz, USA
 - Valentino Cherubini, Italy
 - Francesca Annan, UK

ISPAD Advisory Council

- 2017-2020
 - Peter Adolfsson, Norway
 - Asma Deeb, UAE
 - Linda DiMeglio, USA
 - Thomas Kapellen, Germany
 - Anna Lindholm Olindor, Sweden

ISPAD Advisory Council

- 2018-2021

- Declan Cody, Ireland
- Farid Mahmud, Canada
- Ingrid Libman, USA
- Katarzyna Gajewska, Poland/Ireland
- Sarah Ehtisham, UK/UAE

- 2019-2022

- Julia von Oettingen, Canada
- Roque Cardena-Hernandes, Spain
- Helen Phelan, Australia

ISPAD Advisory Council

- 2020-2023
 - Jennifer Couper, Australia
 - Klemen Dovc, Slovenia
 - Zdenek Sumnik, Czech Republic
 - Paul Wadwa, USA
 - Laurel Messer, USA

ISPAD Advisory Council

- 2021-2024
 - Tiago Jeronimo, Brazil
 - Brynn Marks, USA
 - May Ng, UK
 - Angela Middlehurst, Australia
 - Rade Vukova, Serbia
- 2022-2025
 - Sheryl Salis, India
 - Cari Berget, USA
 - Agata Chabot, Poland
 - Leena Priyambada, India

ISPAD Advisory Council

- 2023
 - Advisory Council expanded from 13 to 16 members with a minimum of one from each of educator/nurse, dietician, mental health professional and patient advocate

ISPAD Advisory Council

- 2023-2026

- Laya Ekhlaspour, USA
- Mariana Zorron, Brazil
- Priya Prahalad, USA
- Steven James, Australia
- Tamara Whorms-Riley, Cayman Islands
- Jessie Wong, USA
- Karolina Piatek, Poland
- Claudia Piona, Italy

ISPAD Advisory Council

● 2024-2027

- Elke Frohlich-Reiterer, Austria
- Marco Marigliano, Italy
- Suzanne Sap Ngo Um, Cameroon
- Todd Alonso, USA

● 2025-2028

- Anna Kaisa Tuomaala, Finland
- Caroline Zuidwijk, Canada
- Laura Cudizio, Brazil
- Vit Neuman, Czechia

Diabetes in the Young



- Editors: Zvi Laron, Helmuth Jean Loeb, Harry Dorchy, Richard Guthrie, Arlan Rosenbloom, Johnny Ludvigsson, Jan Bruining, Dorothy Becker, Stephen Greene



BRINK



ISPAD organized diabetes symposia/workshops at International Pediatric Congress

- Honolulu 1984 (Laron)
- Rio de Janeiro 1992 (Weber)
- Cairo 1995 (Ludvigsson)
- Amsterdam 1998 (Brink)
- Beijing 2001 (Kida)
- Athens 2007 (Brink)

ISPAD Annual Meetings: The Third Decade: 1994-2003



- **1994: Atami/Tokyo, Japan: Teruo Kitagawa & Kaichi Kida**
- **1995: Linkoping, Sweden: Johnny Ludvigsson**
- **1996: Pittsburgh, USA: Allan Drash**
- **1997: Turku, Finland: Hans Akerblom**
- **1998: Zurich, Switzerland: Eugen Schoenle**
- **1999: Noordwijk, Netherlands:
Maartin Reeser & Henk-Jan Aanstoot**
- **2000: Los Angeles, USA: Lynda Fisher**
- **2001: Siena, Italy: Francesco Chiarelli**
- **2002: Graz, Austria: Martin Borkenstein**
- **2003: St Malo, France: Jean-Jacques Robert**

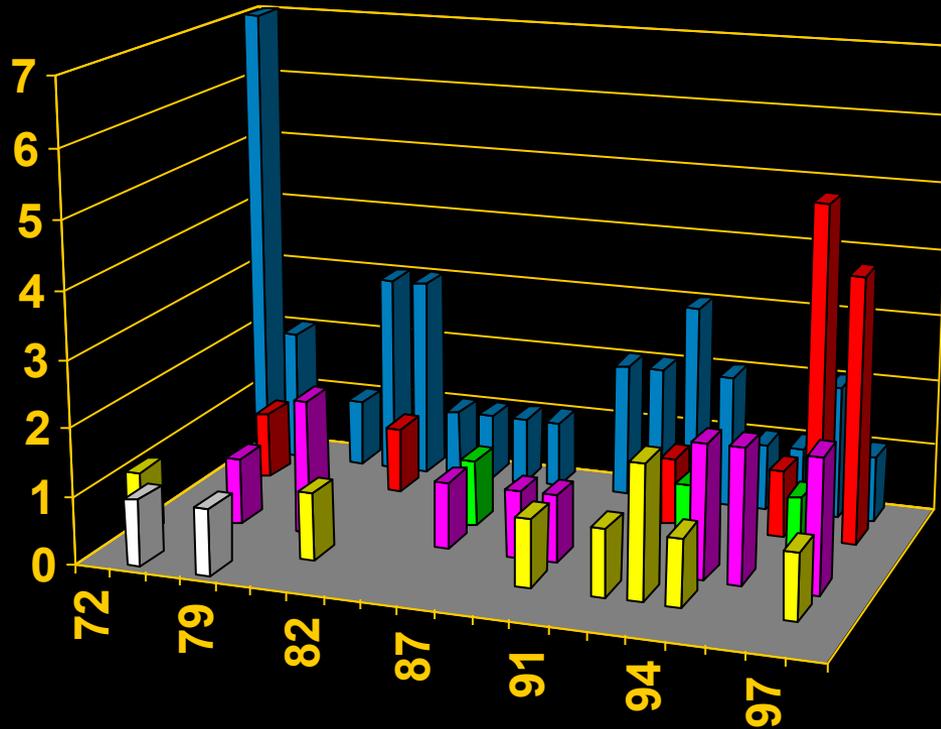
1993: ISGD becomes ISPAD

(study group ⇒ society)



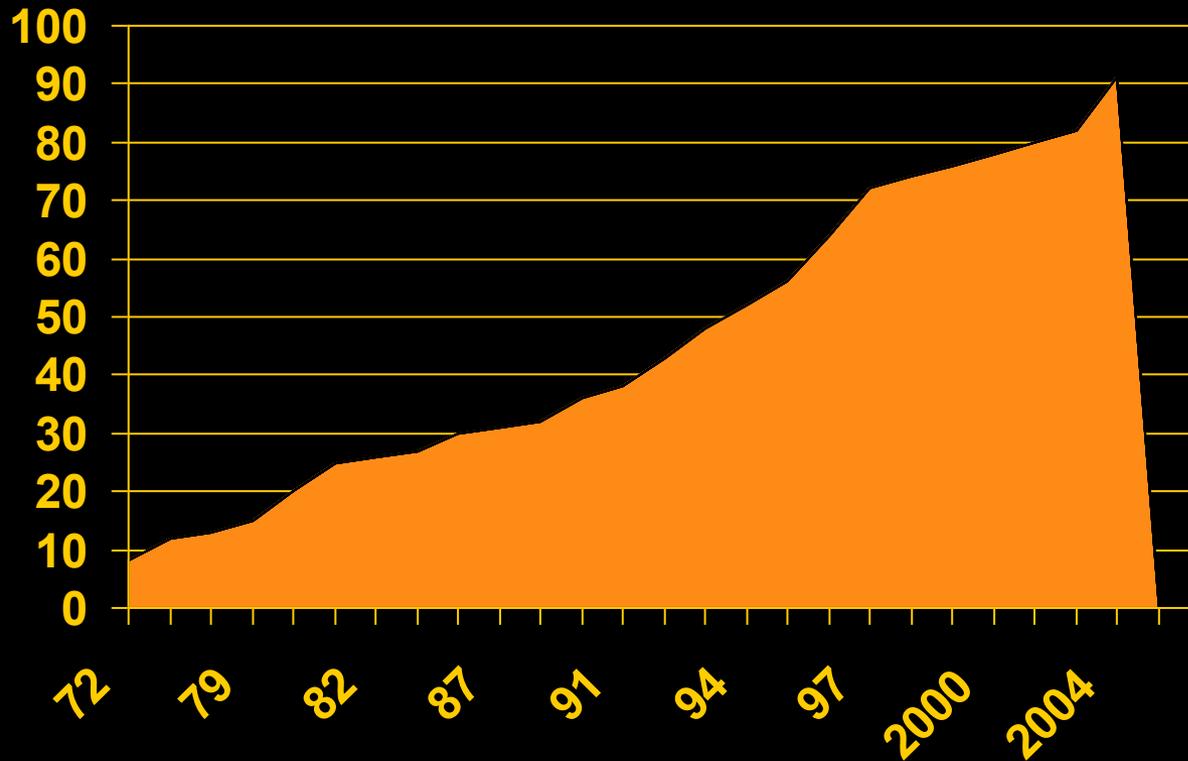
- **Revised constitution**
- **Burgeoning membership**
- **Declaration of Kos**
- **Increased recognition by IDF and WHO**
- **Increased educational activities**
- **Promotion of international collaborative research projects: Hvidore, SWEET**
- **Cooperative educational/support projects:**
 - **Changing Diabetes in Children (CDiC) sponsored by NovoNordisk and Roche**
 - **Life for a Child sponsored by IDF, Rotary & Eli Lilly**

ISGD-ISPAD Country Representation



ISGD ► ISPAD

Countries Represented 1972-2004

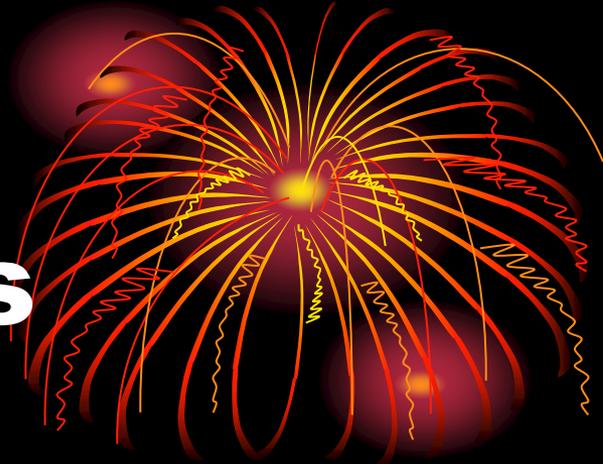


ISPAD gets its own FLAG

compliments of Hans Akerblom



1993 ISPAD Declaration of Kos



International Study Group of Diabetes in Children and Adolescents **ISGD** Groupe International d'Etude du Diabète de l'Enfant et de l'Adolescent

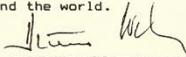
STUART BRINK, MD
SECRETARY GENERAL, ISGD
25 NEW ENGLAND DIABETES & ENDOCRINOLOGY CENTER (NEDEC)
25 BOYLSTON STREET, SUITE #211, CHESTNUT HILL, MA 02167-1710 USA
TELEPHONE 1 617 232 6709 FAX 1 617 232 6797

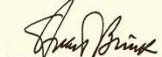
ISPAD DECLARATION OF KOS

On September Fourth, Nineteen Hundred and Ninety Three, on the island of Kos, the members of the International Study Group of Diabetes in Children and Adolescents (ISGD), assembled at our nineteenth annual international scientific meeting and in the process of transforming ISGD into the International Society of Pediatric and Adolescent Diabetes (ISPAD), renew their Hippocratic Oath by proclaiming their commitment to implement the St Vincent Declaration to promote optimal health, social welfare and quality of life for all children and adolescents with diabetes around the world by the year 2000. We take this unique opportunity to reaffirm the commitments by diabetes specialists in the past and, in particular, unanimously pledge to work towards the following:

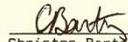
1. to make insulin available for all children and adolescents with diabetes
2. to reduce the morbidity and mortality rate of acute metabolic complications or missed diagnosis related to diabetes mellitus
3. to make age-appropriate care and education accessible to all children and adolescents with diabetes as well as to their families
4. to increase the availability of appropriate urine and blood self-monitoring equipment for all children and adolescents with diabetes
5. to develop and encourage research on diabetes in children and adolescents around the world
6. to prepare and disseminate written guidelines and standards for practical and realistic insulin treatment, monitoring, nutrition, psychosocial care and education of young patients with diabetes - and their families - emphasizing the crucial role of health care professionals - and not just physicians - in these tasks around the world.

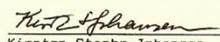
Signed:


Bruno Weber, MD
President, ISGD


Stuart Brink, MD
Secretary-General, ISGD/ISPAD

Witnessed:


Christos Bartsocas, MD
XIXth ISGD Convener


Kirsten Staehr-Johansen, MD
WHO Regional Adviser

- **First international pediatric diabetes declaration**
- **Inspired by St Vincents Declaration**
- **Drafted by Stu Brink and Bruno Weber off the Island of Santorini**



- **Unanimously adopted by membership in Kos on occasion of ISGD → ISPAD**
- **Signed by drafters President Bruno Weber, Secretary-General Brink, Convenor Christos Bartsocas and WHO representative Kirsten Staehr Johansen**
- **Distributed to ISPAD members and translated into multiple languages**



ISPAD International Education Committee



- **Chairpersons:**

- **1986-1993: Zvi Laron**
- **1993-1996: Leonardo Pinelli**
- **1994-1997: Kaichi Kida**
- **1997-2004: Stu Brink**
- **2009-2013: Stu Brink, International Education Liaison Chair**



BRINK



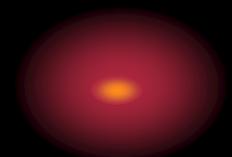
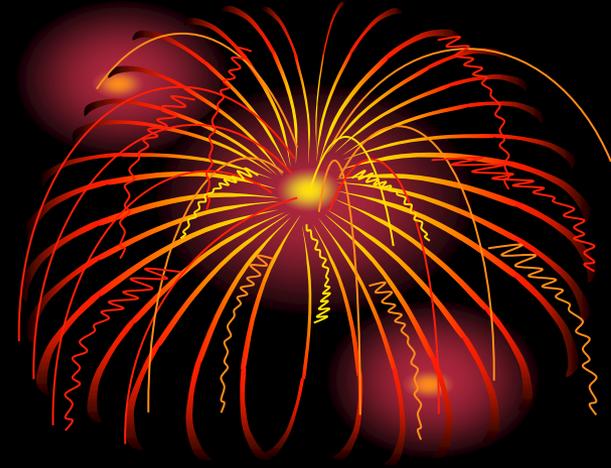
ISPAD International Education



- **Beilinson Symposia 1975-1996: Israel**
 - **Zvi Laron: chairperson**
 - **Moshe Karp: co-chair**



ISPAD International Education



- **Diabetes
Angiopathy
Congress (DAC):
Germany 1979-1997**

- **Bruno Weber**
- **Thomas Danne**
- **Olga Kordonouri**



ISPAD International Education



- **Annual Italian Winter Course**

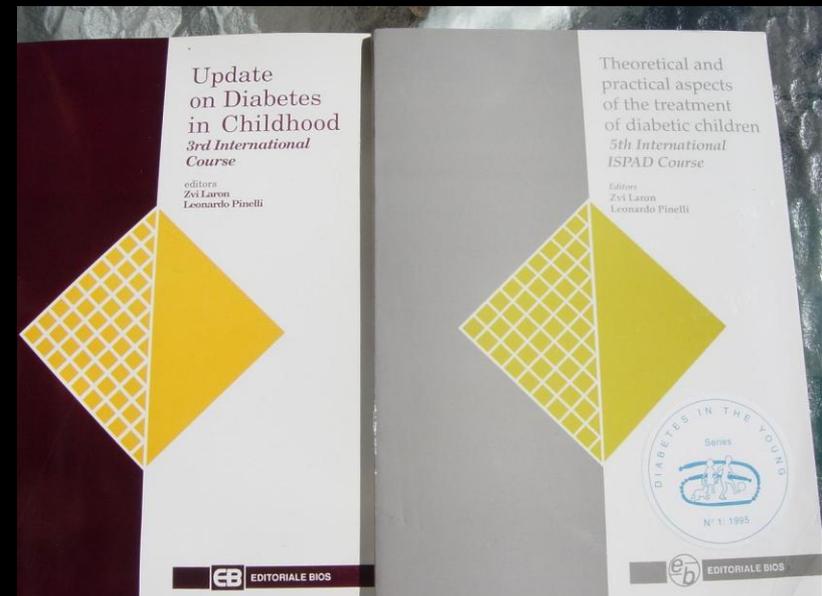
- **Leonardo Pinelli:**
founding chairperson

- **Sesto**
- **Lago di Garda**
- **Val de Pusteria**

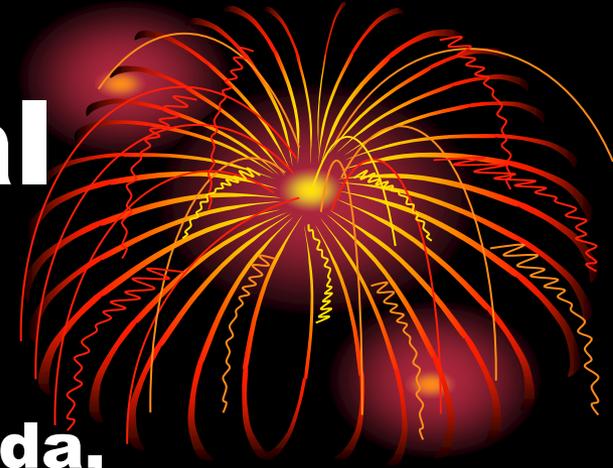


- **Francesco Chiarelli and Maurizio Vanelli:**
chairpersons

- **Siena**
- **Chieti**
- **Parma**



ISPAD International Education



- **Teruo Kitagawa & Kaichi Kida, coordinating chairpersons: Asia**



- **Singapore 1988**
- **New Delhi 1991**
- **Seoul 1993** with Hyung Ro Moon
- **Beijing 1994**
- **Xian 1996**
- **Chiang Mai 1997** with Chanika Tuchinda



ISPAD International Education



- **Bruno Weber, coordinating chairperson: Eastern Europe**
 - **Hungary 1991** with Laszlo Madacsy
 - **Czechoslovakia 1992** with Dagmar Michalkova and Magdalena Paskova
 - **Russia 1992** with Nikolay Lebedev
 - **Lithuania 1993** with Bruno Urbanaite
 - **Bulgaria 1994** with Lilia Peneva
 - **Poland 1994** with Hanna Działkowiak
 - **Romania 1995** with Ioana Micle

1997- 2001 ISPAD International Education



- **Former Soviet Republics:**
Jan Bruining
coordinating chair
with Ken Robertson and
Henrik Mortensen
 - **Russia**
 - **Kazakhstan**
 - **Uzbekistan**
 - **Tajikistan**
 - **Turkmenistan**



ISPAD International Education



- **Bari, Italy:** Francesco Dammacco
- **Santo Domingo:** Zvi Laron with Elbi Morla
- **Beijing & Shanghai, China & Ulaan Baatar, Mongolia:** Stu Brink with People-to-People, USA
- **Buenos Aires, Argentina:** Olga Ramos with Stephen Greene
- **Amman, Jordan:** Abbas Al-Qadreh with Kamal Ajlouni
- **Siena, Italy:** Francesco Chiarelli and Maurizio Vanelli
- **Cancun, Mexico:** Martin Silink, Lorna Mellor, Stu Brink with Olga Ramos and ALAD and IDF
- **Kuwait City, Kuwait:** Stu Brink with Azza Shaltout
- **Habana, Cuba:** Stu Brink with Francisco Carvajal y Manuel Vera Gonzales
- **Lima, Peru:** Martin Silink with Maria Rojas and IDF



ISPAD International Education: Romania

18 years

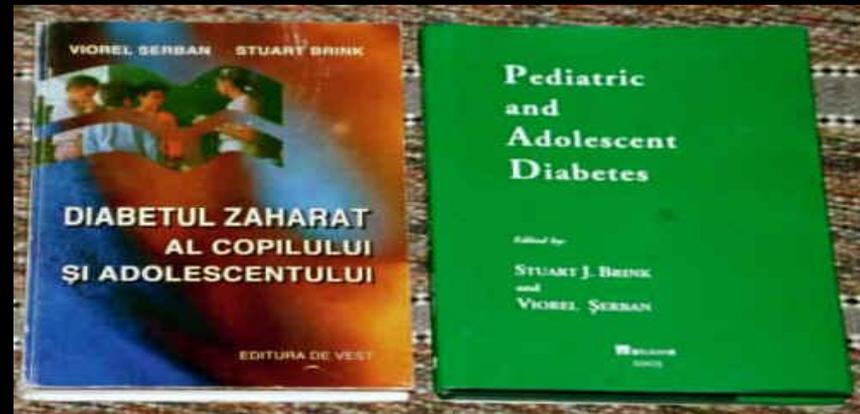
- **Stu Brink, Harry Dorchy with chairmanship of Viorel Șerban**
 - **Establishment and growth of pediatric diabetes subspecialty**
 - **Board certification for pediatric diabetologists**
 - **Annual pediatric diabetes scientific meeting in Buzias**
 - **ONROCAD: Romanian pediatric national epidemiology research group**



ISPAD International Education: Romania



- **Christian Șerban Institute in Buziaș: multidisciplinary pediatric and adolescent team care**
- **Textbooks of pediatric diabetology published in Timisoara with contribution from ISPAD members**

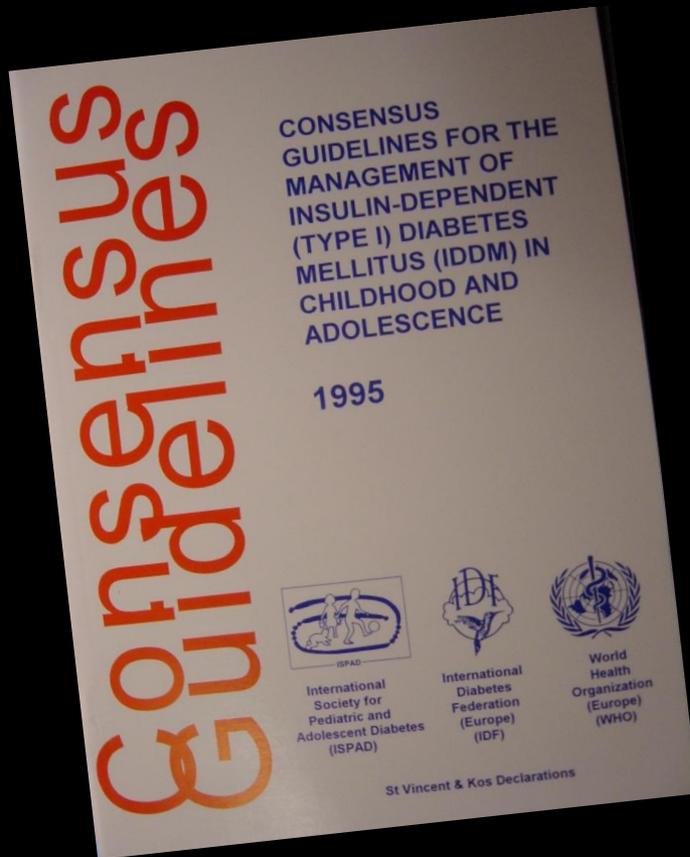


ISPAD International Education: Buziaş- 18 years



- **Participants: Bruno Weber, Stu Brink, Henrik Mortensen, Laszlo Madacsy, Ioana Micle, Harry Dorchy, Jean Loeb, Viorel Şerban, Renata Lauterborn, Zvi Laron, Edwin Gale, Jorn Nerup, Iulian Velea, Corina Paul, Ioana Cupsa, Martin Borkenstein, Francesco Chiarelli, Monica Marazan, Jean-Jacques Robert, Clare Levy-Marchal, Mihaela Mihu, Victoria Floreanu, Victoria Creţ, Alina Lacatusu, Laura Barna, Larisa Dumbrava, Jan Bruining, Elena Gargas, Mariana Ghenof, Ragnar Hanas, William Clarke, Carine de Beaufort, Lynda Fisher, Jeremy Allgrove, Larry Deeb**

ISPAD Guidelines

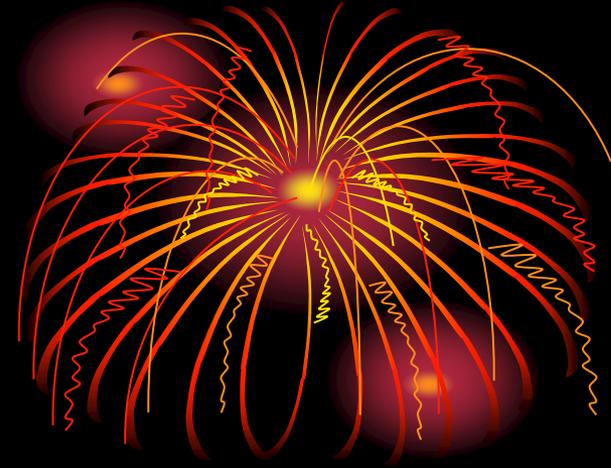


- **First version, 1995**
- **Zvi Laron, editor**
- **Collaboration with IDF and WHO**

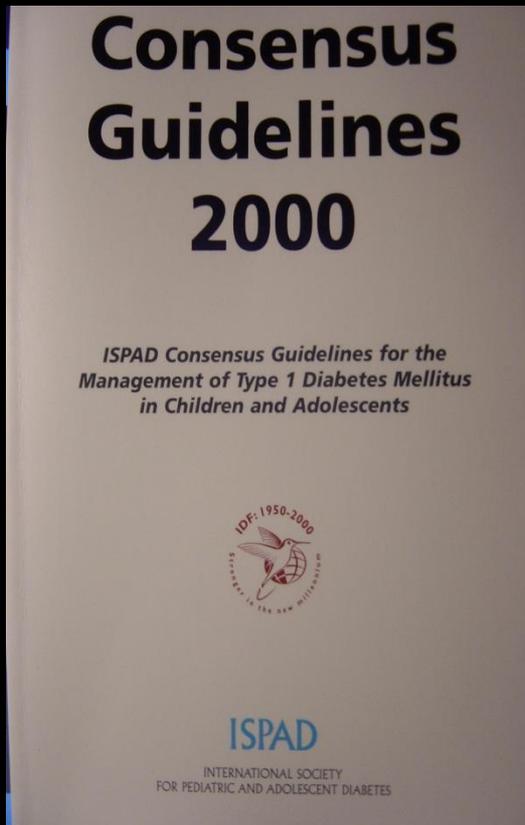
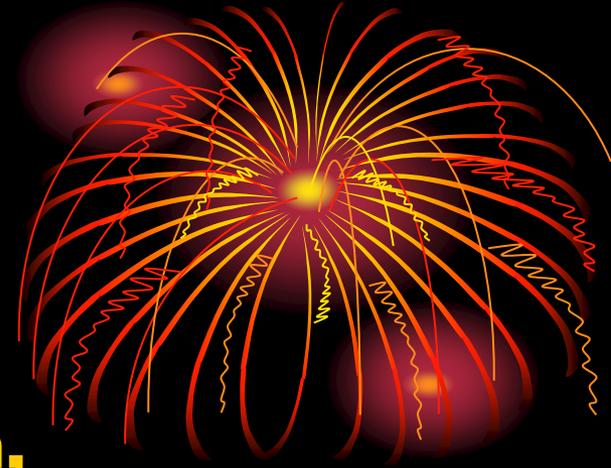


IDF Consultative Section on Youth

- **ISPAD cooperation increases with the creation of the IDF Consultative Section on Youth championed by past ISPAD President and past IDF President Martin Silink and Lorna Mellor, Honorary IDF President**



ISPAD Guidelines



- **Second edition, 2000**
- **Peter Swift, coordinating editor**
- **8 writing teams**
- **NovoNordisk sponsorship and distribution**
- **Co-sponsored by IDF Consultative Section**



ISPAD Participation in DKA Guidelines sponsored by LWPES and ESPE

SPECIAL ARTICLE

European Society for Paediatric Endocrinology/Lawson Wilkins Pediatric Endocrine Society Consensus Statement on Diabetic Ketoacidosis in Children and Adolescents

David B. Dunger, MD*†; Mark A. Sperling, MD‡§; Carlo L. Acerini, MD*‡; Desmond J. Bohn, MD§; Denis Daneman, MD‡§; Thomas P.A. Danne, MD*†; Nicole S. Glaser, MD§; Ragnar Hanas, MD*†; Raymond L. Hintz, MD§; Lynne L. Levitsky, MD§; Martin O. Savage, MD*†; Robert C. Tasker, MD*‡; and Joseph I. Wolfsdorf, MD§

ABBREVIATIONS. DKA, diabetic ketoacidosis; T1DM, type 1 diabetes mellitus; LWPES, Lawson Wilkins Pediatric Endocrine Society; ESPE, European Society for Paediatric Endocrinology; β -OHB, β -hydroxybutyrate; CNS, central nervous system; IV, intravenous; ICP, intracranial pressure; ECF, extracellular fluid; ICF, intracellular fluid; GFR, glomerular filtration rate.

INTRODUCTION

Diabetic ketoacidosis (DKA) is the leading cause of morbidity and mortality in children with type 1 diabetes mellitus (T1DM). Mortality is predominantly related to the occurrence of cerebral edema; only a minority of deaths in DKA are attributed to other causes. Cerebral edema occurs in

~0.3% to 1% of all episodes of DKA, and its etiology, pathophysiology, and ideal method of treatment are poorly understood. There is debate as to whether physicians treating DKA can prevent or predict the occurrence of cerebral edema and the appropriate site(s) for children with DKA to be managed. There is agreement that prevention of DKA and reduction of its incidence should be a goal in managing children with diabetes.

To explore these issues, the Lawson Wilkins Pediatric Endocrine Society (LWPES) and the European Society for Pediatric Endocrinology (ESPE) convened a panel of expert physicians for a consensus conference. The meeting was chaired by Mark A. Sperling, MD, representing LWPEs, and David B. Dunger, MD, representing ESPE. The Consensus statement was developed with close partnership between the ESPE and LWPEs and the International Society for Pediatric and Adolescent Diabetes, all 3 organizations being represented by members who participated in the writing process. The statement also was endorsed by related organizations; the Juvenile Diabetes Research Foundation International, the World

From the *European Society for Paediatric Endocrinology, West Smithfield, London, United Kingdom; †Lawson Wilkins Pediatric Endocrine Society, Stanford, CA; and ‡International Society for Paediatric and Adolescent Diabetes, Leicester, United Kingdom.

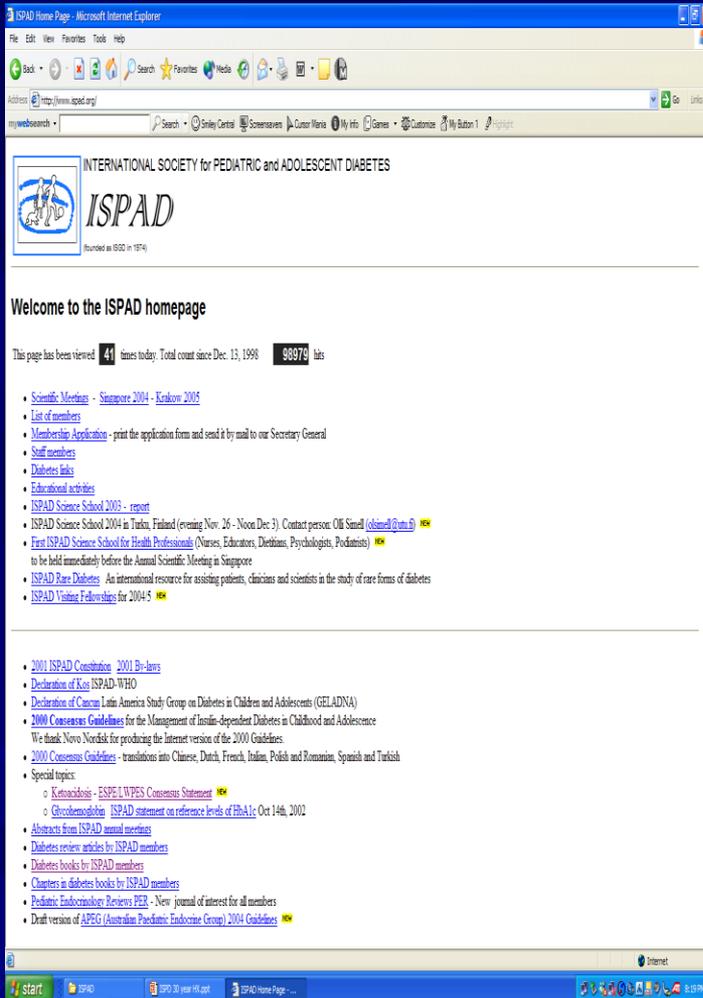
Received for publication Oct 22, 2003; accepted Oct 22, 2003.

Participants were: Carlo L. Acerini, Cambridge, United Kingdom; Dorothy J. Becker, Pitsburgh, Pennsylvania; Desmond Bohn, Toronto, Ontario, Canada; Susan J. Brink, Waltham, Massachusetts; Francesco Chiaroli, Chieti, Italy; Matti Craig, Kogarah, Australia; Gisela Dahlquist, Umea, Sweden; Denis Daneman, Toronto, Ontario, Canada; Thomas Danne, Hannover, Ger-

- Coordinated by David Dunger and Mark Sperling
- Evidenced based guidelines
- London, UK
- June 2003

Pediatrics 2004;113:3133-140

ISPAD Web Page



- Inaugural Webmaster:
Ragnar Hanas
- In cooperation with
childrenwithdiabetes.com website

ISPAD Webmasters → Communication Directors



- Ken Robertson
- Wojciech Mlynarski
- Katarzyna Gajewski
- Jamie Wood →
Communications Director
- Eduardo Calliari
- Roque Cardona-Hernandez



ISPAD Communication Chair and Committee



■ Brynn Marks: Chair 2026



■ Committee Members:

- Mariana Zorran
- Karolina Piatek
- Claudia Piona

ISPAD Annual Meetings: The Fourth Decade: 2004-13

- 2004: Singapore: Warren Lee
- 2005: Krakow: Przemyslaw Jarosz-Chobot
- 2006: London: David Dunger, Peter Swift
- 2007: Berlin: Olga Kordonouri
- 2008: Durban: Kuben Pillay
- 2009: Ljubljana: Tadej Battelino
- 2010: Buenos Aires: Olga Ramos
- 2011: Miami: Alan Delameter
- 2012: Istanbul: Damla Goksen, Sukran Darcin
- 2013: Gothenburg: Gun Forsander, Ragnar Hanas

ISPAD Presidential Prize for Achievement

- 2001: **Johnny Ludvigsson**, Linköping
- 2002: **Zvi Laron**, Tel Aviv
- 2003: **Hans Akerblom**, Helsinki
- 2004: **Arlan Rosenbloom**, Gainesville
- 2005: **Bruno Weber**, Berlin
- 2006: **Allan Drash**, Pittsburgh
- 2007: **Teruo Kitagawa**, Tokyo
- 2008: **Dorothy Becker**, Pittsburgh
- 2009: **Martin Silink**, Sydney
- 2010: **Denis Daneman**, Toronto
- 2011: **Jan Bruining**, Rotterdam

ISPAD Science School for Physicians: Convenors

- 2000: Thomas Danne, Berlin
- 2001: Catarina Limbert, Lisbon
- 2002: Denis Daneman, Toronto
- 2003: Stephen Greene, St Andrews
- 2004: Olli Simmell, Turku
- 2005: Joseph Wolfsdorf, Boston
- 2006: Claire Levy-Marchal, Tours
- 2007: Henrik Mortensen, Glostrup
- 2008: Georgeanna Klingensmith, Denver
- 2009: Carlo Acerini, Cambridge
- 2010: Neil White, St Louis
- 2012: Tatsuhiko Urakami, Tokyo
- 2013: Wojciech Mlynarski, Lodz

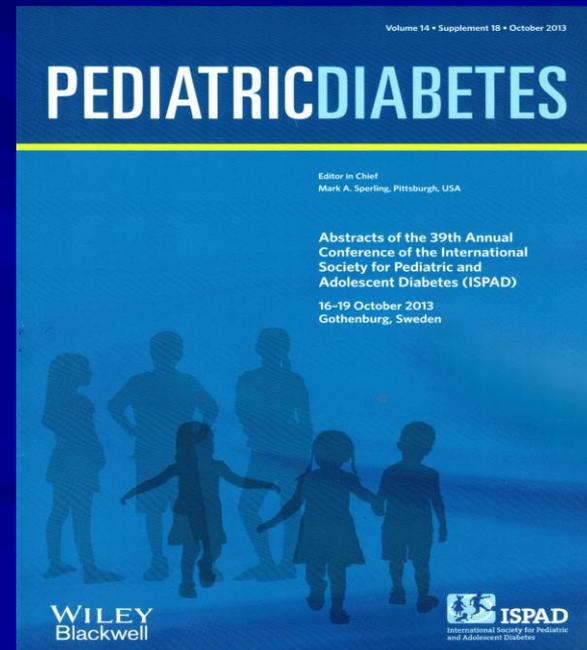
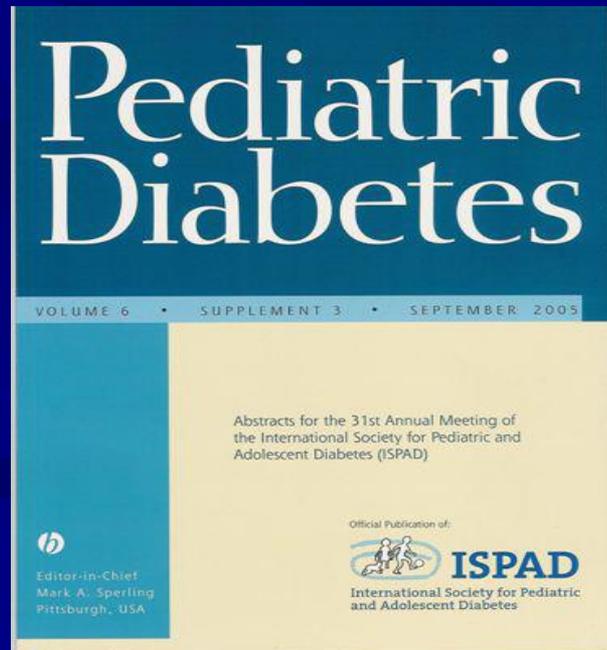
ISPAD Science School for Health Care Professionals - Convenors

- 2004: Marg McGill, Singapore
- 2005: Marg McGill: Krakow
- 2006: Sheridan Waldron & Alexandra Greene, Cambridge
- 2007: Alan Delameter, Berlin
- 2008: Sheridan Waldron & Alan Delameter, Durban
- 2009: Alan Delameter & Sheridan Waldron, Ljubljana
- 2010: Alan Delameter & Carmel Smart, Buenos Aires
- 2011: Carmel Smart & Barbara Anderson, Miami
- 2012: Barbara Anderson, Istanbul
- 2013: Bärbel Aschemeier & Heather Gilbertson, Gothenburg
- 2014: Toronto
- 2015: Heather Gilbertson, Brisbane

Pediatric Diabetes: official journal of ISPAD



- 2005 inaugural association
- Inaugural Editor, 2005-17, Mark Sperling
- Editor, 2017- : Philip Zeitler



ISPAD Lestradet Prize and Lecture

sponsored by LifeScan

- 2006: **Peter Swift**, Leicester
- 2007: **Marg McGill**, Sydney
- 2008: **François Bonnici**, Capetown
- 2009: **Viorel Șerban**, Timișoara
- 2010: **Barbara Anderson**, Houston
- 2011: **Stuart Brink**, Boston
- 2012: **Mohammed Abdullah**, Khartoum
- 2013: **Mona Salem**, Cairo

ISPAD Young Investigator Award

sponsored by Medtronic

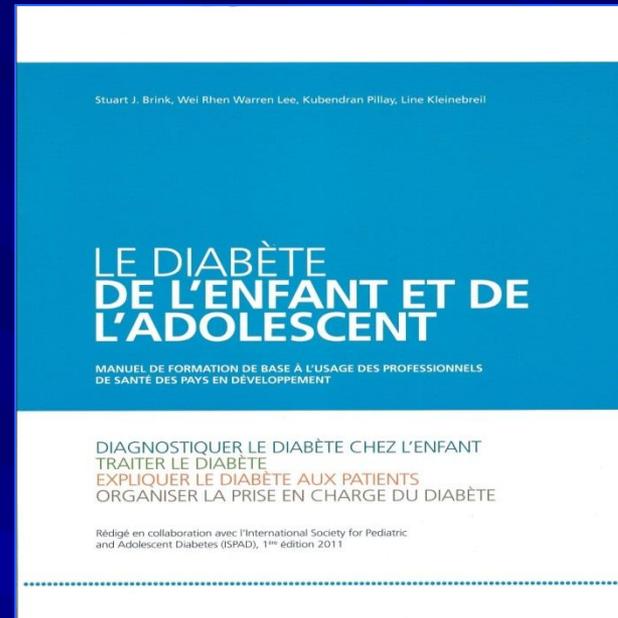
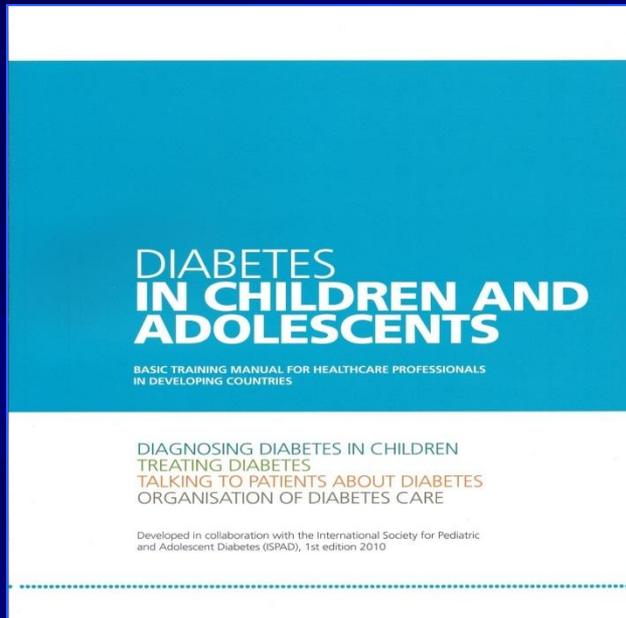
- 2006: **Ethel Codner**, Santiago
- 2007: **Helge Raeder**, Bergen
- 2008: **Wojciech Mlynarski**, Lodz
- 2009: **Jamil Malik**, Amsterdam
- 2010: **Michael Haller**, Gainesville
- 2011: **Oscar Rubio-Cabezas**, Madrid
- 2012: **Natalia Marek**, Gdansk
- 2013: **Rachel Besser**, Exeter
- 2014: **Amy Shah**, Cincinnati
- 2015: **Loredanna Marcovecchio**, Chieti

ISPAD

International Education

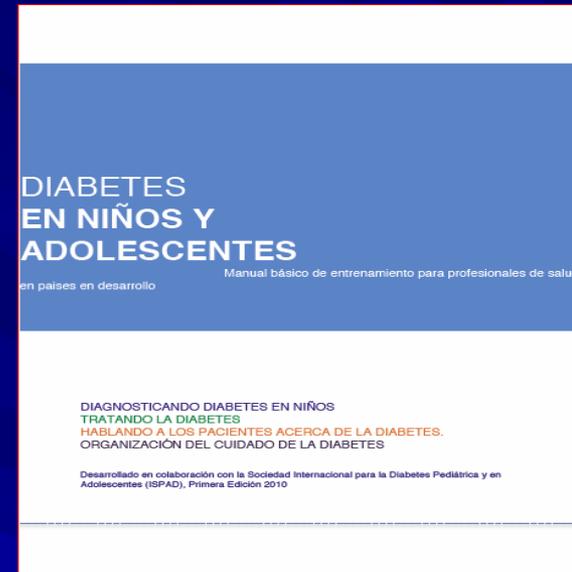
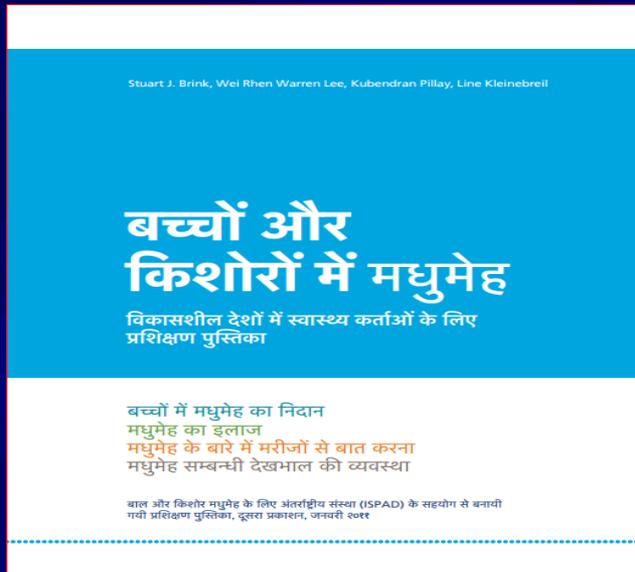
- 2005: **ISPAD-Krakow PostGraduate Program**: Moshe Phillip, Wojciech Mlynarski, Przemyslaw Jarosz-Chobot
- 2006: **ISPAD-Shanghai PostGraduate Program**: Moshe Philip, Tadej Battelino, Stuart Brink, Louis Low
- 2007: **ISPAD-Santiago PostGraduate Program**: Ragnar Hanas, Ethel Codner
- 2008: **Global Pediatric Endocrinology and Diabetes Consortium (GPED)**: Stuart Brink, ISPAD Liaison
- 2008: **IDF-ISPAD Havana PostGraduate Program**: Johnny Ludvigsson, Manuel Vera Gonzalez
- 2008: **ISPAD-Buenos Aires PostGraduate Program**: Ragnar Hanas, Olga Ramos, Jeremy Allgrove, Stuart Brink
- 2009: **ISPAD-Krasnoyarsk PostGraduate Program**: Jan Bruining, Stuart Brink, Lynda Fisher
- 2009: **Joint ISPAD-ESPE webcasts**: Moshe Philip, Stuart Brink, coordinators

Changing Diabetes in Children



- Co-sponsored by NovoNordisk and Roche
 - Stuart Brink, chief editor and contributor
 - Co-Editors and contributors Warren Lee and Kuben Pillay
 - Organization: Line Kleinebreil

Changing Diabetes in Children

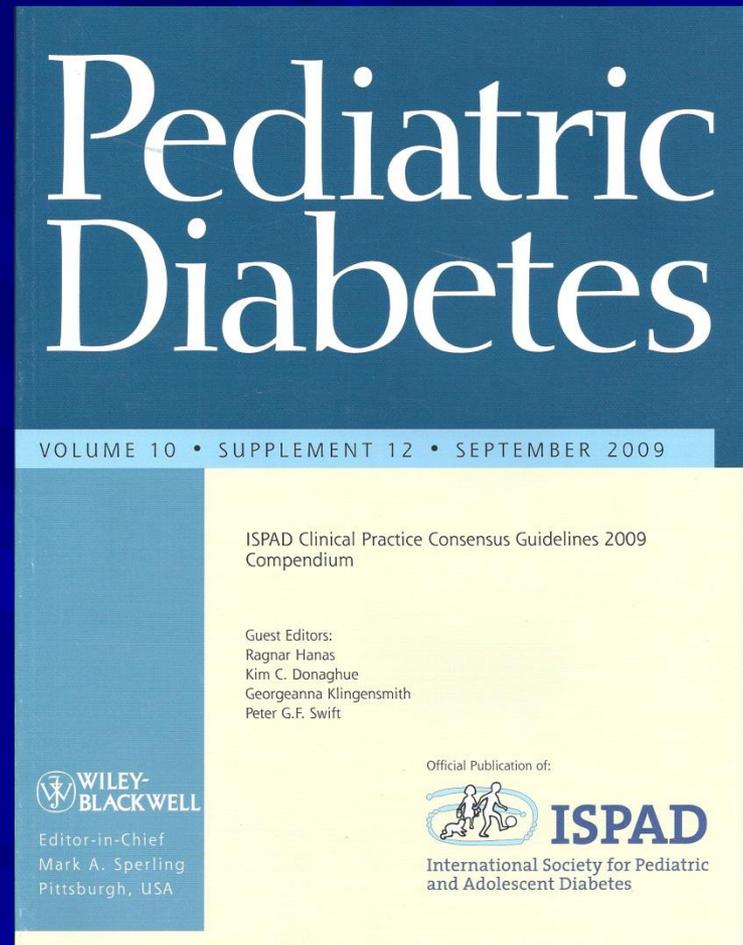


- Hindi edition translation coordinator Anju Virmani
- Spanish edition translation coordinator Elizabeth Duarte

ISPAD

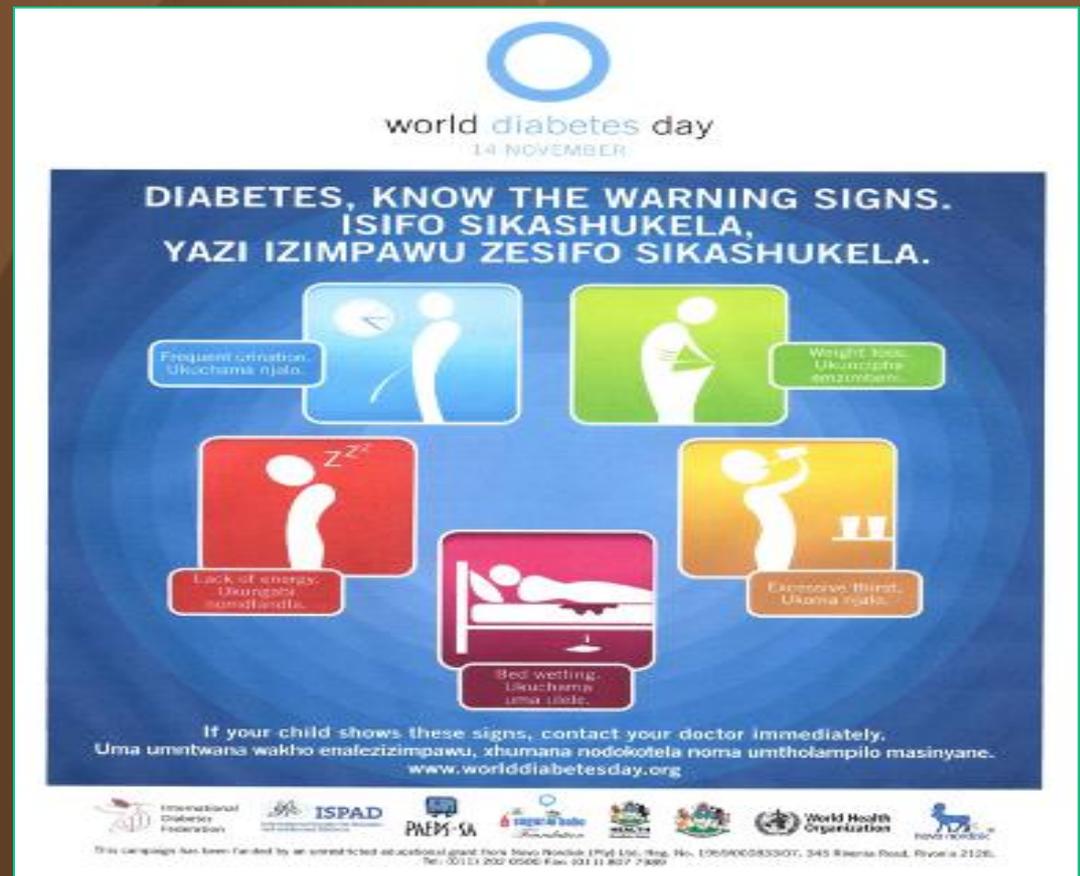
2007-10 Clinical Guidelines

- Editors:
 - Ragnar Hanas
 - Kim Donaghue
 - Georgeanna Klingensmith
 - Peter Swift
- 19 chapter/revisions



ISPAD & IDF-LFAC ISPAD DKA Awareness Poster Program

- adapted 2011 in 29 languages/23 countries ... and counting
- Vanelli et al (Parma)
- Pillay et al (Durban)
- Ilondo et al (Baegsverd)



ISPAD Webinars

- **Denis Daneman**: Eating Disorders; Sick Days & Diabetic Ketoacidosis
- **Stuart Brink**: Associated Autoimmunopathies; Nicotine, Alcohol & Marijuana; Empowerment and Education
- **Robert Rapaport**: New Developments & Prevention
- **Stephen Greene**: Care, Education and Psychosocial Issues
- **Tadej Battelino**: Type 2 Diabetes in Children
- **Francesco Chiarelli**: Diabetic Ketoacidosis
- **Shlomo Shalitin**: Epidemiology
- **Ragnar Hanas**: Sick Days; Diabetic Ketoacidosis Prevention
- **William Clark**: Hypoglycemia

ISPAD Annual Meetings: The Fifth Decade: 2014-2023

- **2014: Toronto: Denis Daneman**
- **2015: Brisbane: Andrew Cotterill and Jeremy Wales**
- **2016: Valencia: Luis Castano**
- **2017: Innsbruck: Sabine Hoffer**
- **2018: Hyderabad: Anju Virmani and Banshi Saboo**
- **2019: Boston: Lori Laffel and Joseph Wolfsdorf**
- **2020: Coronavirus Virtual Mtg: Farud Mahmud**
- **2021: Coronavirus Virtual Mtg: Zdenek Sumnik**
- **2022: Abu Dhabi: Asma Deeb**
- **2023: Rotterdam: Dick Mul, Henk-Jan Aanstoot and Henk Veeze**

ISPAD Presidential Prize for Achievement

- 2012: **Mark Sperling**, Pittsburgh
- 2013: **Knut Dahl-Jorgensen**, Oslo
- 2014: **William Tamborlane**, New Haven
- 2015: **Edwin Gale**, Bristol
- 2016: **Desmond Schatz**, Gainesville
- 2017: **David Dunger**, Cambridge
- 2018: **Moshe Phillip**, Tel Aviv
- 2019: **Georgeanna Klingensmith**, Denver
- 2020: **Tadej Battelino**, Ljubljana

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Lestradet Prize

Sponsored by LifeScan

- 2014: **Jean-Jacques Robert**, Paris
- 2015: **Harry Dorchy**, Brussels
- 2016: **Lynda Fisher**, Los Angeles
- 2017: **Lucy Nyakio Mungai**, Nairobi
- 2018: **Ragnar Hanas**, Uddevalla
- 2019: **Graham Ogle**, Sydney
- 2020: **Sheridan Waldron**, London
- 2021: **Angie Middlehurst**, Sydney



ESPE-ISPAD



Pediatric Endocrinology Fellowship Training Programs

- associated with Global Pediatric Endocrinology and Diabetes (GPED)



– Nairobi, Kenya: PETCA

- Lucy Mungai, Sidney Nesbitt: coordinators

– Lagos, Nigeria: PETCWA

- Abiola Oduwole: coordinator





ESPE-ISPAD



Pediatric Endocrinology Fellowship Training Programs

- **ISPAD Visiting Professors**
 - **Kenneth Robertson, Carlo Acerini, Larry Fox, Odmund Sovik, David Maahs, Stu Brink, Arlan Rosenbloom, Stephen Greene, Ragnar Hanas, Jan Bruining, John Gregory...**



ISPAD POST-GRADUATE INTERNATIONAL EDUCATION PROGRAMS

- 2009: **Bali, Indonesia**: (Aman Pulangen, Maria Craig, Julie Edge, Loo Ling, Warren Lee, Loo Ling, Supawadee Likimaskul, Ragnar Hanas)
- 2009: **Kuwait** (Nada Al-Terkait, Thomas Danne, Ragnar Hanas)
- 2010: **Amman, Jordan** (Abbas Al-Qadreh, Thomas Danne, Ragnar Hanas, Mona Salem, Olga Kordonouri, Andriani Gerasimidou, Christina Kanaka-Gantenbein, Stephen Greene)
- 2010: **Nairobi, Kenya** (Stephen Greene, Alexandra Greene, Toni Moran, Marie Hallman, Helen D'Endem)
- 2011: **Lima, Peru** (Maria Isabel Rojas, Ragnar Hanas, Catherine Pihoker, Hans-Jacob Bangstad)
- 2011: **Buziaș, Romania** (Viorel Șerban, William Clarke, Carine de Beaufort, Harry Dorchy, Stuart Brink)

ISPAD POST-GRADUATE INTERNATIONAL EDUCATION PROGRAMS



- **Life for a Child/IDF:** Graham Ogle, Chair
- 2012: **Lima, Peru** (Elisabeth Duarte, Maria Isabel Rojas, Hans-Jacob Bangstad, Erick Richmond, Ragnar Hanas)
- 2012: **Dhaka, Bangladesh** (Kishwar Azad, Zabeen Bedowra, Peter Swift, Sheridan Waldron, Warren Lee, Angela Middlehurst, Stuart Brink)
- 2012: **Lagos, Nigeria** (Abiola Oduwole, Elizabeth Oyenusi, Tokunbo Jarrett, Jan Lebl, John Gregory, Stuart Brink, Kuben Pillay) 
- 2012: **Buzias, Romania** (Viorel Serban, William Clarke, Linda Fisher, Carine de Beaufort, Harry Dorchy, Stuart Brink)
- 2012: **Sofia, Bulgaria** (Maia Konstantinova, Violeta Iotova, Ewa Pankowska, William Clarke, Stuart Brink) 
- 2012: **Lodz, Poland** (Wojciech Mlynarski, Marian Rewers, Tim Barrett, Kenneth Robertson)

ISPAD POST-GRADUATE INTERNATIONAL EDUCATION PROGRAMS

- 2013: **Buzias, Romania** (Viorel Serban, Jeremy Allgrove, Larry Deeb, Harry Dorchy, Stuart Brink)
- 2013: **Amman, Jordan** (Abbas Al Qaddreh, Stephen Greene, Alexandra Greene, Natasa Bratina, Carlo Acerini, Alan Delameter, Christina Kanaka-Gantenben)
- 2013: **Cairo, Egypt** (Mona Salem, Isis Ghaly, Mona Hassan, Stephen Greene, Alexandra Greene, Klemens Raille, Gun Forsander)
- 2014: **Timisoara, Romania** (Iulian Velea, Corina Paul, Stuart Brink, Jeremy Allgrove, Stephen Greene) 
- 2015: **Cairo, Egypt** (Mona Salem, Isis Ghaly, Carine de Beaufort, Asma Deeb, John Gregory, Andrea Scaramuzza, Ingrid Libman, Mona El-Samahy, Mona Mamdouh Hassan)

ISPAD POST-GRADUATE INTERNATIONAL EDUCATION PROGRAMS

- 2015: **Alexandria VA, USA** (Philip Zeitler, Kristin Nadeau)
- 2015: **Timisoara, Romania** (Iulian Velea, Corina Paul, Stuart Brink, Carine de Beaufort, Mark Sperling) 
- 2015: **Varna, Bulgaria** (Violeta Iotova, Carine de Beaufort, Orit Pinhas-Hamiel, Khalid Hussain, Jan Maartan Wit, Stenvert Drop, Abdullah Bereket, Elisa de Franco, Edna Majaliwa)
- 2016: **Abu Dhabi, UAE** (Asma Deeb, Carine de Beaufort, Nancy el Barbary)
- 2016: **Timisoara, Romania** (Iulian Velea, Corina Paul, Stuart Brink, Victoria Creț, Ciril Krzisznik, Ze'ev Hochberg, Martin Savage) 

ISPAD POST-GRADUATE INTERNATIONAL EDUCATION PROGRAMS

- 2016: **Athens, Greece** (Abbas Al-Qadreh, Christos Bartsocas, Carine de Beaufort, David Dunger, Hala Tfayli, A. Galli-Tsinopoulou, Adriana Gernsunidou-Varzenu, Alexandra & Stephen Greene, Christina Kanaka-Gantenben, Melina Karipadou, Mikael Knip, Elena Koni)
- 2017: **Timisoara, Romania** (Iulian Velea, Corina Paul, Stuart Brink, Ciril Kržišnik, Nataša Bratina, John Gregory) 
- 2017: **Dubai, UAE** (Asma Deeb, Nancy El Barbary, Abdelhadi Habeb, Hala Tfayli, Carine de Beaufort)

ISPAD POST-GRADUATE INTERNATIONAL EDUCATION PROGRAMS

- 2017: **Mexico City, Mexico** (Lori Laffel, Joseph Wolfsdorf, Thomas Danne, Ingrid Libman, Anna Lilia Rodriguez, Carlo Antillon)
- 2017: **Brazil** (Luis Eduardo Calliari, Ragnar Hanas, Ralph Ziegler)
- 2018: **Timisoara, Romania** (Iulian Velea, Corina Paul, Stuart Brink, Maia Konstantinova, Dorothy Becker, Przemyslawa Jarosz-Chabot)
- 2018: **Prague, Czech Republic** (Jan Lebl, Ondrej Cinek, John Gregory, Nataša Bratina, Francesca Annan, Ragnar Hanas, Simon Muller, Jan Souplal, Rasa Verkanskiene, Zdenek Sumnik, Leszek Czupryniak)



ISPAD POST-GRADUATE INTERNATIONAL EDUCATION PROGRAMS

- 2019: **Varna, Bulgaria** (Violeta Iotova, Maia Konstantinova, Iva Stoeva, Tadej Battelino, Noah Gruber, Anya Rothenbuler, Matthew Johnson, Sladjana Todorovich, Irene Netchine, Anna Nordestrom)
- 2019: **Timisoara, Romania** (Iulian Velea, Corina Paul, Stuart Brink, Ze'ev Hochberg, Moshe Phillip, Martin Wabisch, John Gregory, Hartmut Wollman, Mehul Dattani, Anya Rothenbuhler )
- 2019: **Tashkent, Uzbekistan** (Debra Cohen, Angie Middlehurst, Said Ismailov)
- 2019: **Muscat, Oman** (Asma Deeb, Nancy El Barbary, Carine de Beaufort)
- 2019: **Cuenca, Ecuador** (Ana Fernanda Sanchez/Casa de la Diabetes, Stuart Brink)
- 2019: **Phnom Penh, Cambodia** (Stuart Brink, Anju Virmani, Johnny Ludvigsson, Alan Delamater, Angie Middlehurst, Malene Iv)

ISPAD POST-GRADUATE INTERNATIONAL EDUCATION PROGRAMS

- 2020 **Timisoara, Romania** (virtual) (Iulian Velea, Corina Paul, Stuart Brink, Maia Konstantinova, Violeta Iotova, Dorothy Becker, Adrian Vlad, Gun Forsander, Iulian Preda) 
- 2021 **Timisoara, Romania** (virtual) (Iulian Velea, Corina Paul, Stuart Brink, David Maahs, Hilary Seeley, Faisal Ahmed, John Gregory, Franco Chiarelli, Olaf Hiort) 
- 2021 **Sofia, Bulgaria** (virtual) (Maia Konstantinova, Violeta Iotova, Stuart Brink, Dorothy Becker, Corina Paul) 
- 2022 **Surfing Paradise, Australia** (Peter Goss)
- 2022 **Timisoara, Romania** (virtual) (Iulian Velea, Corina Paul, Stuart Brink)
- 2022 **Cairo, Egypt** (Yasmine Elhenaway)

ISPAD 2012

Declaration of KwaZulu

- Abiola Oduwole
- Kuben Pillay
- Dipesalema Joel
- Lucy Mungai

Declaration of Kwa Zulu



On December fifth, two thousand and twelve at Puluma Beach, KZN Province, South Africa, the African Society for Paediatric Endocrinology (ASPAE) supported by the International Society for Paediatric and Adolescent Diabetes (ISPAD) reviewed the declaration of Kos and reaffirmed the relevance of the Declaration appropriate for the current and emerging needs of African children and adolescents diagnosed with diabetes mellitus.

They declared their commitment to the promotion of optimal health, social welfare and well-being for all children and adolescents with diabetes in Africa, and considered the unique factors that must be addressed by health care professionals responsible for the health of young people and their families by the following:

- to promote the diagnosis of diabetes by blood glucose testing of sick children, according to standard protocols
- to establish and maintain a local/regional/national register of young people under the age of 18 years diagnosed with diabetes
- to deliver a service for diabetes in the young through a multi-disciplinary team
- to treat with insulin and monitor with glucose testing appropriately based on resource led intensive therapy
- to initiate and maintain an age based, culturally appropriate patient education programme, delivered by a trained educator based on a validated curriculum
- to advise and instruct on appropriate dietary therapy, taught by a trained nutritionist/dietitian, based on a diet and nutritional programme adapted for local cultural practice
- to prevent where possible and treat according to local guidelines the acute metabolic complications of diabetes
- to support the self-management of diabetes by the young person and their families, to allow full participation in school, work and family environment
- to offer culturally appropriate counselling for emotional difficulties associated with diabetes management
- to develop and encourage research and audit of practice in diabetes in children and adolescents in Africa.
- to act as an advocate for diabetes in the young by promoting their care to local, national and regional government and health administration organisations

ISPAD Prize for Innovation in Paediatric Diabetes Care

sponsored by NovoNordisk

- 2010: **Manuel Vera Gonzalez**, Habana
- 2011: **Nick Woolfield** and the **Primary Community Health Services Diabetes Team**, Brisbane
- 2012: **Andrew Hattersley** and the **Exeter Monogenic Diabetes Clinical Team and Laboratory**, Exeter
- 2013: **Reinhard Holl**, Ulm
- 2014: **Henrik Mortensen**, Glostrup
- 2015: **Roman Hovorka**, Cambridge
- 2016: **Thomas Danne** and the **Sweet Consortium**, Hannover
- 2017: **Peter Adolfsson**, Gustavsgaten
- 2018: **Bruce Buckingham**, Palo Alto
- 2019: **Peter Goss**, Geelong
- 2020: **Henk-Jan Aanstoot** and **Henk Veeze**, Rotterdam

ISPAD-CCP-CARES-IDF

Paediatric Diabetes Caribbean Courses

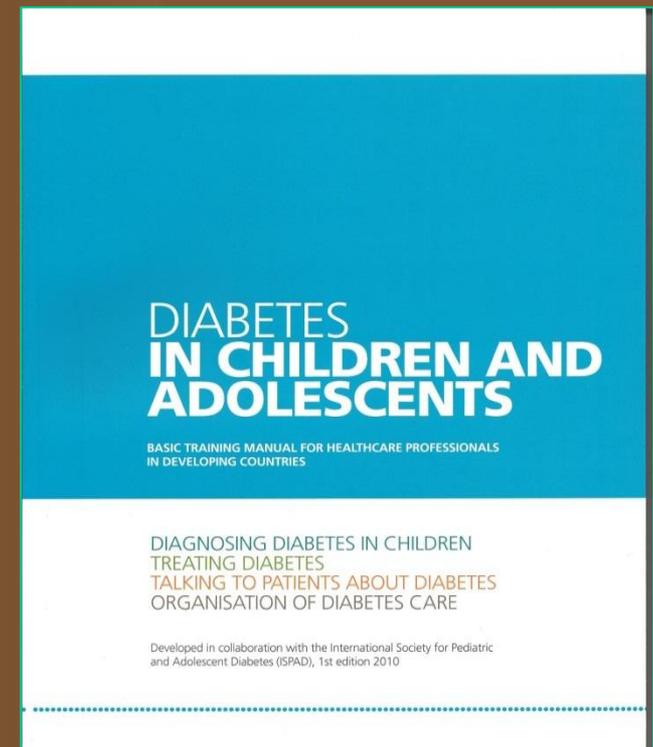
- 2010: **Jamaica** (Larry Deeb, Ragnar Hanas)
- 2011: **St Lucia** (Johnny Ludvigsson, Larry Deeb)
- 2013: **Trinidad**: (Larry Deeb)



CDiC-ISPAD Courses

sponsored by NovoNordisk

- **Educators:** Kuben Pillay, Warren Lee, Stuart Brink, Peter Swift, Sheridan Waldron, Angie Middlehurst, Antoinette Moran, Kishwar Azad, Bedowra Zabeen, Jean Jacques Robert, Carine de Beaufort, Naby Balde, Moustafa Kouyate, Anju Virmani, Angie Middlehurst, Johnny Ludvigsson, Alan Delamater
- **Locales:** Zanzibar, Kampala, Arusha, Dhaka, Conakry, Phnom Penh



IDF-Life for a Child

sponsored by Lilly and Biotin in cooperation with ISPAD

- **Graham Ogle**, chair
- **Angie Middlehurst**, coordinator
- **Martin Silink**, senior advisor



Educational material:



Arabic	Sindhi
Azeri	Spanish
Bahasa	Tagalog
English	Urdu
French	Vietnamese



IDF-Life for a Child

Site Visitors & Lecturers

- Graham Ogle, Angie Middlehurst, Martin Silink, Peter Swift, Sheridan Waldron, Stuart Brink, Warren Lee, Kuben Pillay, Ragnar Hanas, Carine de Beaufort, John Gregory, Debra Cohen, Stephen Greene, Antoinette Moran, Kaushik Ramaiya, Edna Majaliwa, Kenneth Robertson, Fiona Lamb, Bruce King, Anica Sanoir, Kande Muzee, Henry Rodriguez, Lori Laffel, Paul Benitez Aguirre, Julia von Oettingen, Trevor Orchard, Danielle van der Kaay, Fran Kaufman, Neal Kaufman, Deborah Edidin, Per Winterdijk, Jan Bruining, Simone Huijbers, Tanja Lappenschaar, Gunduz Ahmadov, Torid Skrivarhaug,
- Severina Haugvik, Mark Atkinson, Neil Donelan, Jason Baker

IDF-Life for a Child

Site Visitors & Lecturers

- Kim Donahue, James Ron, Emma Naughton, Declan Cody,
- Amanda Perkins, Greta Friedman-Sanchez, Shubha Srinivasan,
- Charmain Quigley, Vincent McDarby, Hans-Jacob Bangstad,
- Navoda Atapattu, Caroline Zuidwijk, Santosh Gupta, Nick Cuttriss, Kate Hansen, Maria Craig, Cecile Eigenmann, Emma Klatman, Molly Lopez, Patrick Gandeau, Audrey Austin, Adam Lamendola, Jadranka Popovic, Boris Waldman, Dari Howarth, Richard Firth, Kerry-Lee Miller, Katie Souris, Keith Price, Ana Balsa, Sofia Meier, Andrea Gerard, Lisa Amoto, Juan Sanchez, Jean-Pierre Chanoine, Judette Romain, Valeria Cheeron, Catherine Lartigue, Aline Chapioner, Alicia Jenkins, David Cavan

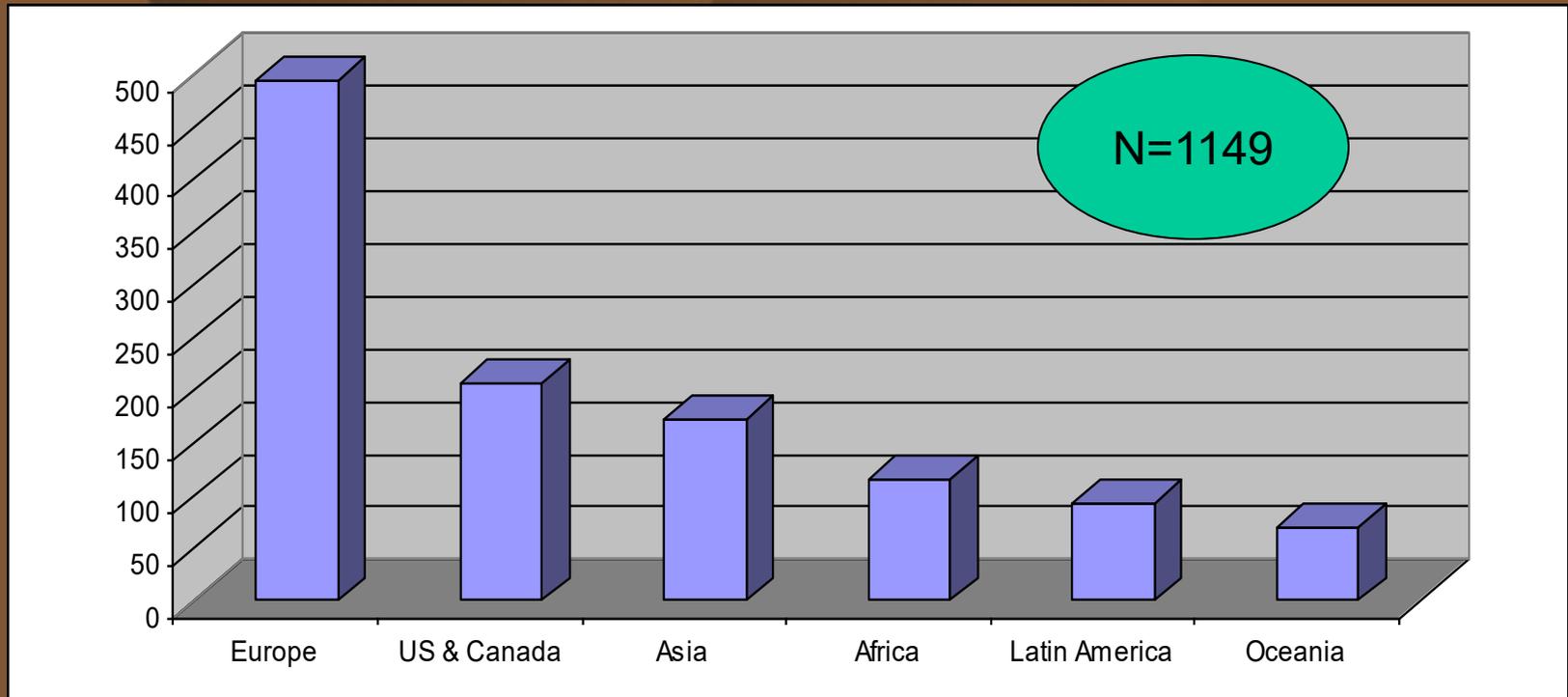
ISPAD Science School for Physicians: Convenors

- 2014: Lori Laffel, Boston
- 2015: Andrea Scaramuzza and Carine de Beaufort, Milano
- 2016: Lars Krogvold, Jevnaker
- 2017: Andrea Scaramuzza and Carine de Beaufort, Cremona
- 2018: Tatsuhiko Urakami, Tokyo
- 2019: Dick Mul, Rotterdam
- 2021: Chizo Agwu: Stratford on Avon
- 2022: Zdenek Sumnik: Prague

ISPAD Science School for Health Care Professionals - Convenors

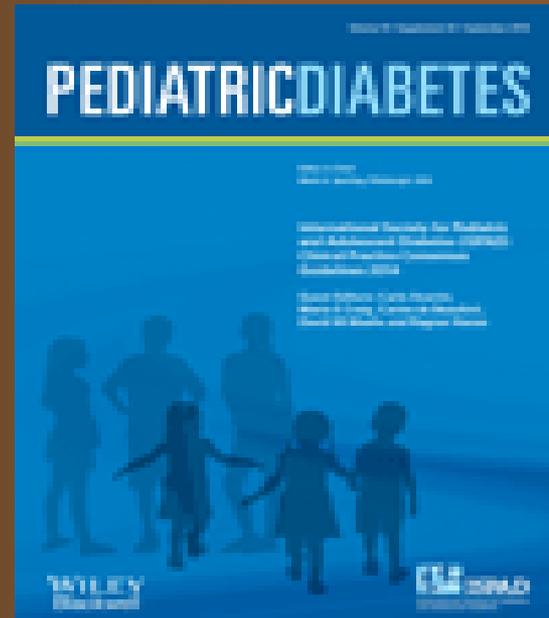
- 2016: Helen Phelan, Elisabeth Northam: Valencia
- 2017: Helen Phelan, Elisabeth Northam: Innsbruck
- 2018: Francesca Annan, David Chaney: Hyderabad
- 2019: Francesca Annan: Boston
- 2021: Megan Peterson (virtual)
- 2022: Asma Deeb: Abu Dhabi
- 2023: Steven James, Rebecca Barber: Rotterdam
- 2024: Steven James: Lisbon

ISPAD 2012 Country Membership Distribution



2014 ISPAD Guidelines

- Editors:
 - Maria Craig
 - David Maahs
 - Carlo Acerini
 - Ragnar Hanas
 - Carine de Beaufort
- 22 chapter revisions



ISPAD/IDF Memorandum of Understanding: Brisbane & Edinburgh

- Ragnar Hanas, President
- Sir Michael Hirst, IDF President
- Stephen Greene, ISPAD Past-President
- World Diabetes Day, November 2015



 		
Memorandum of Understanding Between the International Diabetes Federation (IDF) and the International Society for Pediatric and Adolescent Diabetes (ISPAD).		
<p>This MoU is to enhance the commitment of both organisations to the care of children and adolescents and young adults with diabetes, to strengthen both organisations work in this area and enhance the effectiveness of working together through a resourceful and competent relationship.</p>		
<p>Through the Policy and Programme Division of IDF and the Executive Committee of ISPAD the two organisations will work together to:</p> <ul style="list-style-type: none"> • Promote the need for best practice in the management of children and adolescents and young adults with diabetes, wherever they live. • Heighten access to the best possible clinical and scientific expertise as it develops policies and programmes and to share best practice through the IDF member associations and the ISPAD Membership. 		
<p>The committed relationship between IDF and ISPAD encompasses:</p> <ul style="list-style-type: none"> • Access to timely advice and expertise on diabetes in the young as appropriate for both organisations. • Asking for input from ISPAD to IDF in all of its activities relating to diabetes in children, adolescents and young adults. • Disseminate information (position statements, guidelines etc.) between both ISPAD and IDF member associations. • Disseminate to IDF member associations that there needs to be a pediatric representative involved in all projects concerning the care of young persons with diabetes below the age of 18 years. • By invitation from IDF through the ISPAD Executive to nominate appropriate individuals who can represent ISPAD and act as the link with IDF on specific projects and activities. All IDF programs that involve children and adolescents with diabetes should have an ISPAD representative appointed. • The development, where appropriate, of joint business plan, organisation and administration for activities relating to diabetes in children and adolescents and jointly in specific named projects, such as 'Life for a Child'. • Participation in the Scientific Programme Committee of the IDF World Diabetes Congress, including the ISPAD Named Lecture, Diabetes in the Young Symposium and consideration of a tracks, themes and topics with appropriate content relating to children and young people with diabetes. Involve reciprocal arrangements for IDF in the ISPAD Annual Conference. 		
<p>IDF acknowledges ISPAD as its prime partner in respect of diabetes in children and adolescents; the joint relationship does not preclude either organisation engaging with other stakeholders as appropriate.</p>		
 		
NAME:	Sir Michael Hirst	Professor Stephen Greene
DESIGNATION:	President of IDF	Past President of ISPAD
SIGNATURE:		
Date:	10 th November 2015	10 th November 2015

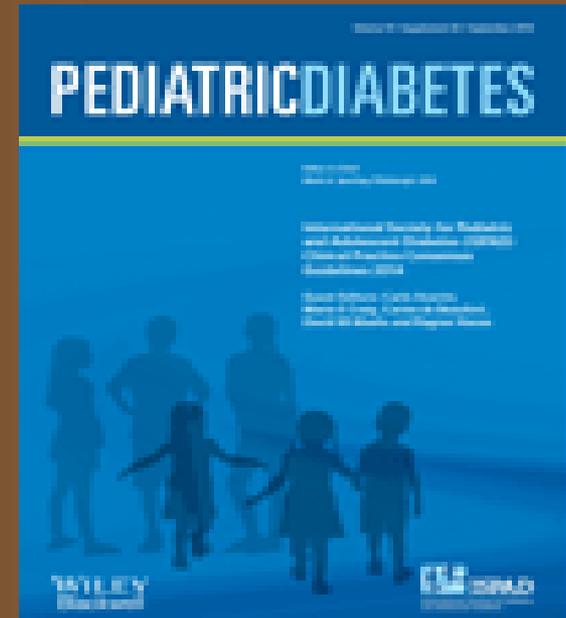
ISPAD Young Investigator Award

sponsored by Medtronic

- 2016: **Wojciech Fendler**, Poland
- 2017: **Petter Bjornstad**, USA
- 2018: **Martin Tauschmann**, Austria
- 2019: **Gregory Forlenza**, USA
- 2020: **Elisa de Franco**, UK
- 2021: **Torben Biester**, Germany
- 2022: **Anania Addale**, UK
- 2023: **Klemen Dovc**, Slovenia

2018 ISPAD Guidelines

- Editor-in-Chief: *David Maahs*
- Editors: *Carlo L. Acerini, Ethel Codner, Maria E. Craig, Sabine E. Hofer*
- 24 chapters and on-line commentaries



ISPAD Hero Award

- 2019: **David Panziner**, USA
- 2020: **Lee Ducat** and **Carol Luria**, USA
- 2021: **Jeff Hitchcock**, USA
- 2022: **Oleg Novikov**, Ukraine/Austria
- 2023: **Bastien Hauck**, Germany
- 2024: **Lakshminarayana Varimadugo**, India
- 2025: **Carol Atkinson**, USA

2020 ISPAD Coronavirus/Diabetes/DKA Guidelines

- Leena Priyambada, Joseph Wolfsdorf, Stu Brink, Maria Fritsch, Ethel Codner, Kim Donaghue, Maria Craig
- Linda DiMeglio, Anastasia Albanese-O'Neill, Cynthia Munoz, David Maahs

ISPAD 2021

Young Adult Logo UPDATE



ISPAD

International Society for Pediatric
and Adolescent Diabetes

- compliments of Eduardo & Paula Calliari

ISPAD Presidential Prize for Achievement

- 2021: **Thomas Danne**, Hannover
- 2022: **Kim Donaghue**, Sydney
- 2023: **Roman Hovorka**, Cambridge
- 2024: **Silva Arslanian**, Pittsburgh
- 2025: **Joseph Wolfsdorf**, Boston

ISPAD

Lestradet Prize

sponsored by Dexcom

- 2022: **Karen Lange**, Hannover
- 2023: **Sukru Hatun**, Topkapi
- 2024: **Carine de Beaufort**, Luxembourg
- 2025: **Asma Deeb**, Abu Dhabi

ISPAD Prize for Innovation in Paediatric Diabetes Care

sponsored by Abbott

- **2021: Osagie Ebekoziem**, Boston
- **2022: Action4Diabetes: Charles Toomey and Jerry Gore**, UK
- **2023: ISPAE Diabetes Education and Learning (IDEAL)**, India
- **2024: Michael Witsch**, Luxembourg
- **2025: Sujoy Ghosh**, India

ISPAD Early Career Award

sponsored by Medtronic

- 2024: **Agatha Chobot**, Poland
- 2025: **Stefano Passanisi**, Italy

ISPAD Science School for Physicians: Convenors

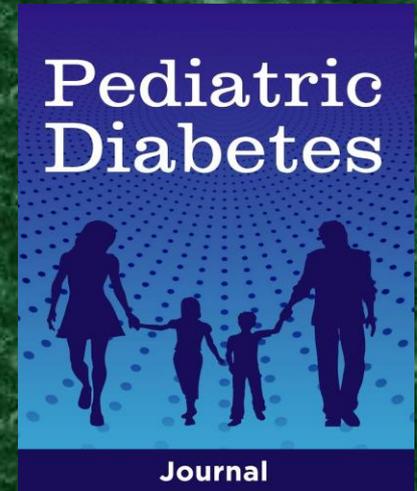
- 2024: **Pittsburgh, PA, USA**, Ingrid Libman
- 2025: **Berlin, Germany**, Olga Kordonouri and Torben Biester
- 2026: **Aydin, Turkiye**, Damla Goksen and Denis Ozalp Kuzilay

ISPAD Science School for Healthcare Professionals: Convenors

- 2025: **Montreal, Canada**, Rebecca Barber, Didem Güneş Kaya, Steven James, Anastasia Albanese-O'Neill, and Meranda Nakhla
- 2026: **Rio de Janeiro, Brazil**, Didem Güneş Kaya, Maartje de Wit, Steven James, Anastasia Albanese-O'Neill, TBC

2022 ISPAD Guidelines

- Editor in Chief: *Maria Craig*
- Editors: *Ethel Codner, Farid Mahmud, Loredana Marcovecchio, Linda DiMeglio, Joseph Wolfsdorf*
- Project Officer: *Leena Priyambada*
- Chapters citable and on-line



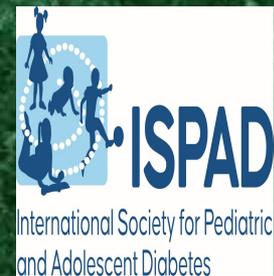
ISPAD e-learning Committee

- Committee chair: Joseph Wolfsdorf
- Committee members: Dorothy Becker, Eda Cengiz, Paula Chinchilla, Declan Cody, Klemen Dovc, Nancy Elbarbary, May Ng, Brynn Katarzyna Gajewska, Karin Lange, Angie Middlehurst, Lorena Marcovecchio, Brynn Marks, Laurel Messer, Julie Pelicand

PETCWA Nairobi

Visiting Professors

- Zeev Hochberg, Graham Ogle, Stuart Brink,
- Ayoola Omolola, Alan Rogol, Oddmund Sovik,
- Marc Maes, Ursula Ngwu, Michael Witch, Ahmed Mohammed, Ieuan Hughes, Holley Allen, Ursula Kuhnle-Krahl, Jadranka Popovic,
- Margaret Zacharin, Chizo Agwu



ISPAD-JDRF

Education Partnership



- Allan Drash Fellowships
- ISPAD-JDRF/Breakthrough Type 1 Diabetes Research Fellowships
- Annual Science School for Pediatric, Adolescent and Young Adult Diabetologists
- Annual School for Diabetes Health Professionals (Nurses, Dietitians, Exercise Specialists, Mental Health Professionals)

ISPAD ANNUAL MEETINGS

The Sixth Decade 2024-2033

- **2024: Lisbon: Catarina Lambert**
- **2025: Montreal: Julia von Oettingen , Melissa Hartman**
- **2026: Rio de Janeiro: Eduardo Calliari**
- **2027: Dublin: Declan Cody**
- **2028: Kuala Lumpur: Mohammed Yazid Jalaludin**
- **2029: Prague: Zdenek Sumnik, Vit Neuman**
- **2030:**
- **2031:**
- **2032:**
- **2033:**



- Thomas Danne, 2008 founder and first Director of the SWEET Project to reduce inequalities in access to and quality of pediatric diabetes care worldwide and promote change for better outcomes on a local, national and international level
- 2021: 150 centers around the world
- SWEET DASHBOARD: Reinhard Holl & Michael Witsch
- Close collaboration with ISPAD leadership
- 2024: New Director: Olga Kordonouri





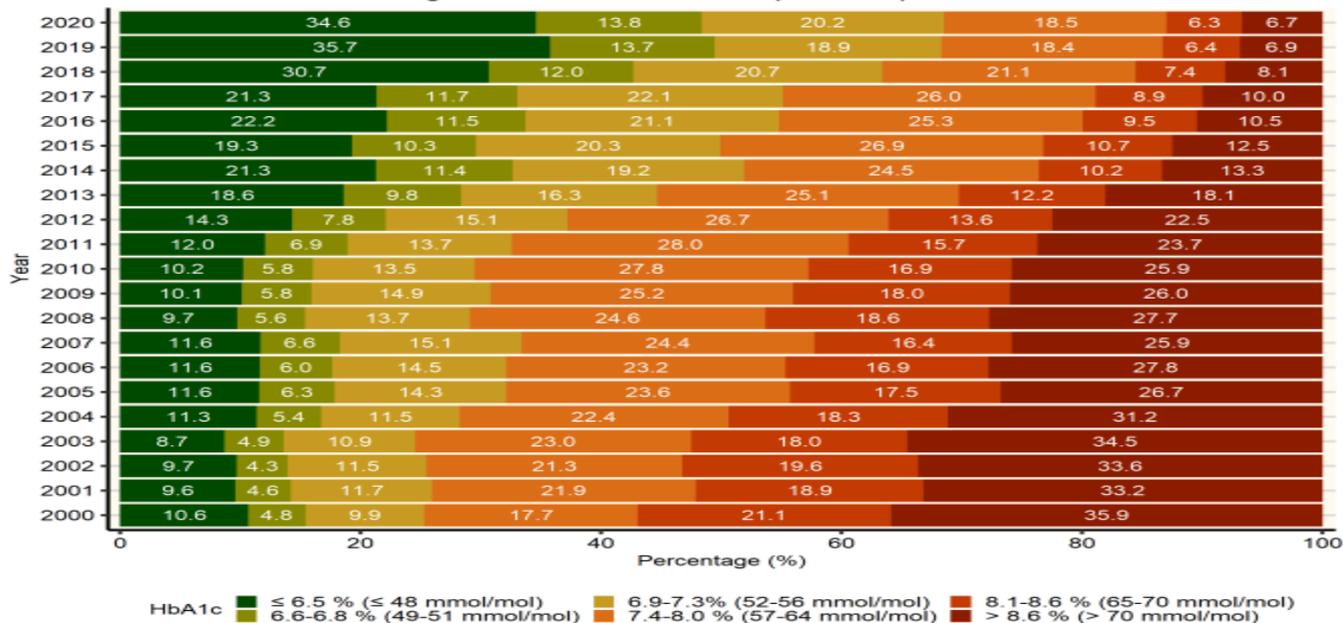
Change is hard at first, messy in the middle and gorgeous at the end. - Robin Sharma





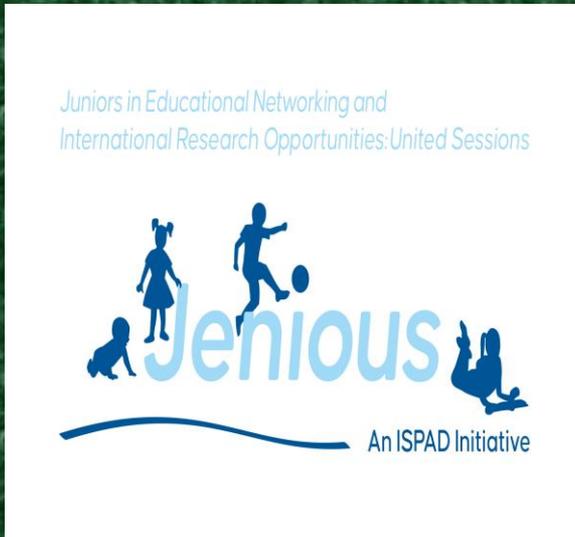
Figure 9 clearly shows how the proportion with HbA1c > 70 mmol/mol continuously decreased while the proportion with good metabolic control increased. 2020 continues to show these fine results.

Figure 9. Distribution of HbA1c (mmol/mol) over time.



HbA1c values in patients with a diabetes duration of less than 3 months have been excluded.

ISPAD Jenious Group



- founded 2016 as the ISPAD “young” community to encourage creativity, leadership, cooperative and innovative ideas connecting to promote and develop dedicated programs

ISPAD Post-Graduate International Education Programs

- 2022: **Ahmedabad, India** (virtual) (Banshi Saboo)
- 2023: **Bengalana, India** (Shaila Bhattaehavyya)
- 2023: **Ulm, Germany** (Reinhard Holl, Sabine Hofer, Carine de Beaufort, Ulf Zumstig)
- 2023: **Timisoara, Romania** (Iulian Velea, Corina Paul, Stuart Brink, John Gregory, David Maahs, Francesco Chiarelli, Holly Cooper, Jennifer Ikle, Baris Akinci, Iuliana Popescu, Carine de Beaufort)
- 2023: **Philadelphia, PA, USA** (Linda Ash, Michelle McLaughlin)

ISPAD Post-Graduate International Education Programs

- 2023: **UK** (virtual) (Akinsula Ogundiya, May Ng)
- 2023: **Cairo, Egypt** (Yasmine Elhenaway)
- 2023: **Cancun, Mexico** (Carlos Antilan)
- 2023: **Mumbai, India** (Sheryl Salis)
- 2024: **Djakarta, Indonesia** (Anju Virmani, Feyza Darendeliler, Stuart Brink, Suzanne Sap) – cosponsored by International Pediatric Association
- 2024: **Timisoara, Romania** (Iulian Velea, Corina Paul, Stu Brink, John Gregory, Carine de Beaufort)

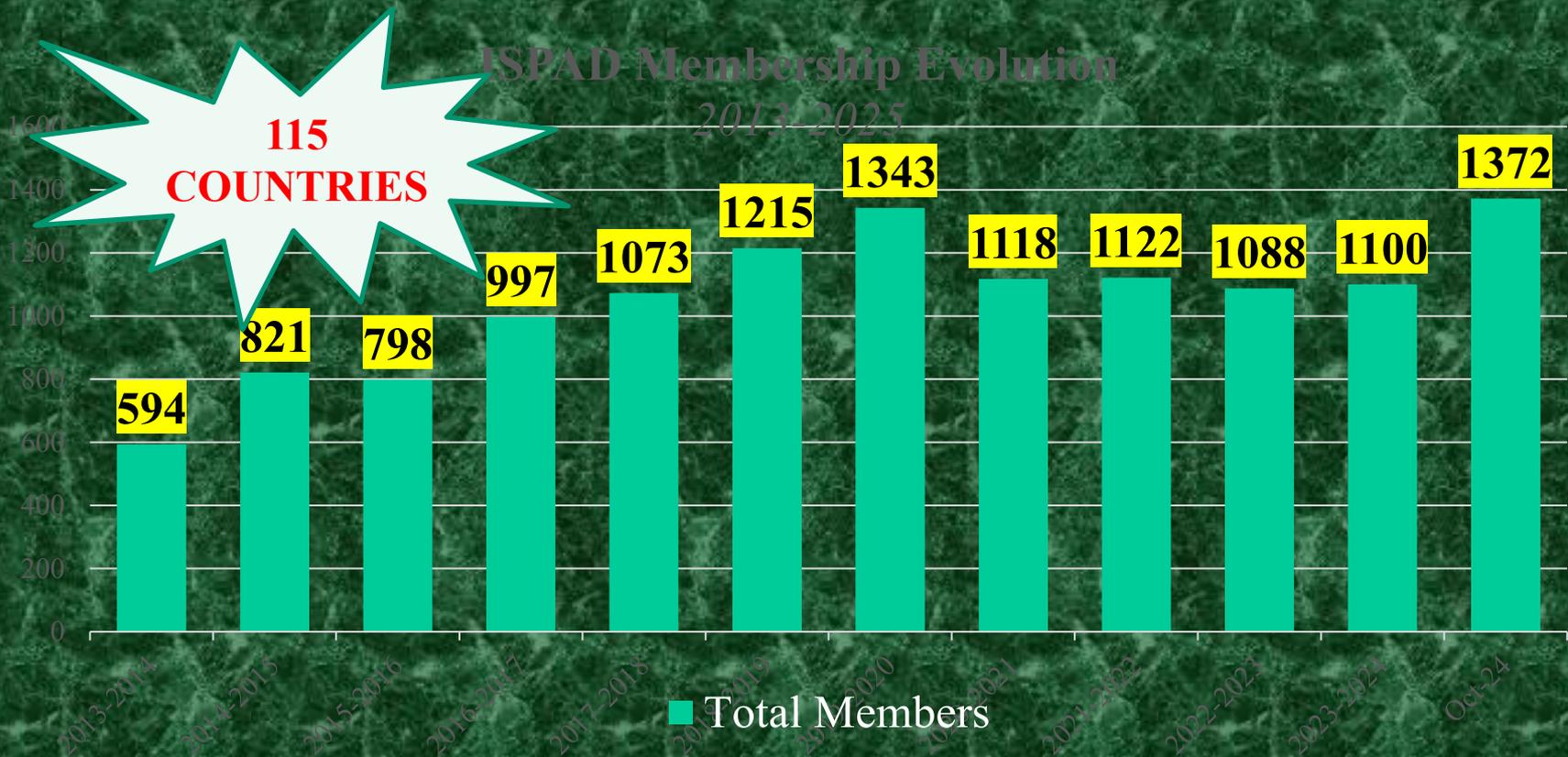
ISPAD Post-Graduate International Education Programs

- 2024: **Melbourne, Australia** (Peter Goss)
- 2024: **Santiago, Chile** (Franco Giraud)
- 2024: **Mumbai, India** (Sheryl Salis)
- 2024: **India** (virtual), (Anju Virmani)
- 2025: **Cote d'Ivoire** (Elizabeth Oyenusi)
- 2025: **Athens, Greece**
- 2025: **Varna, Bulgaria** (Violeta Iotova)
- 2025: **Australia**

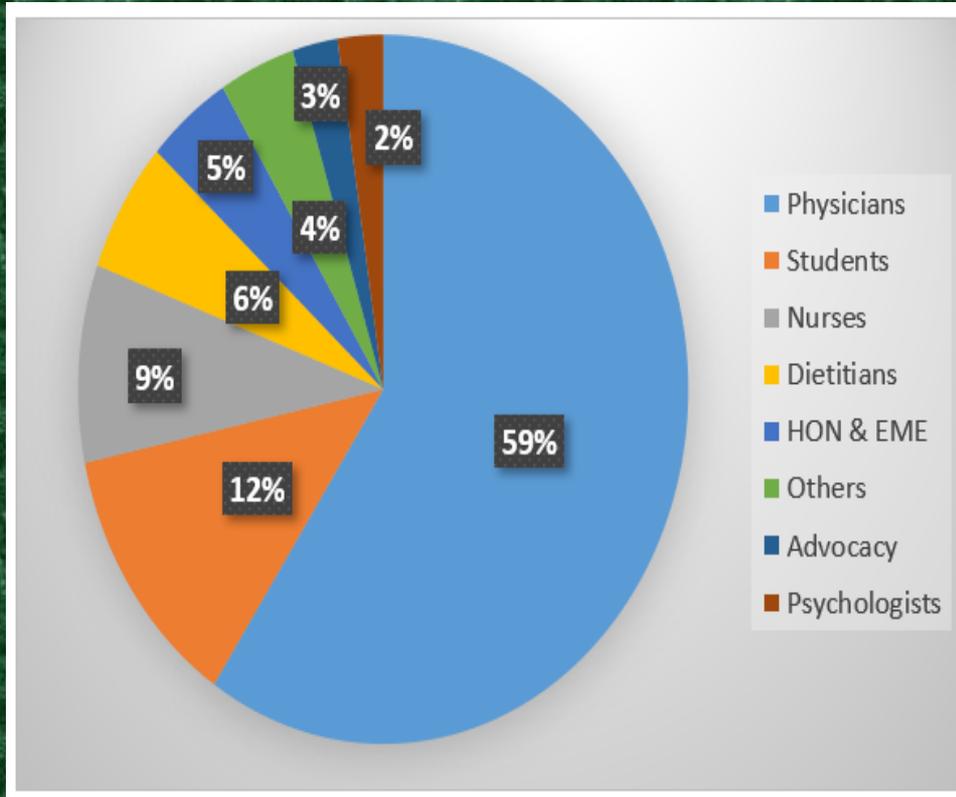
ISPAD Post-Graduate International Education Programs

- 2025: **India**
- 2025: **Brazil** (Eduardo Calliari)

ISPAD 2013-2025 MEMBERSHIP

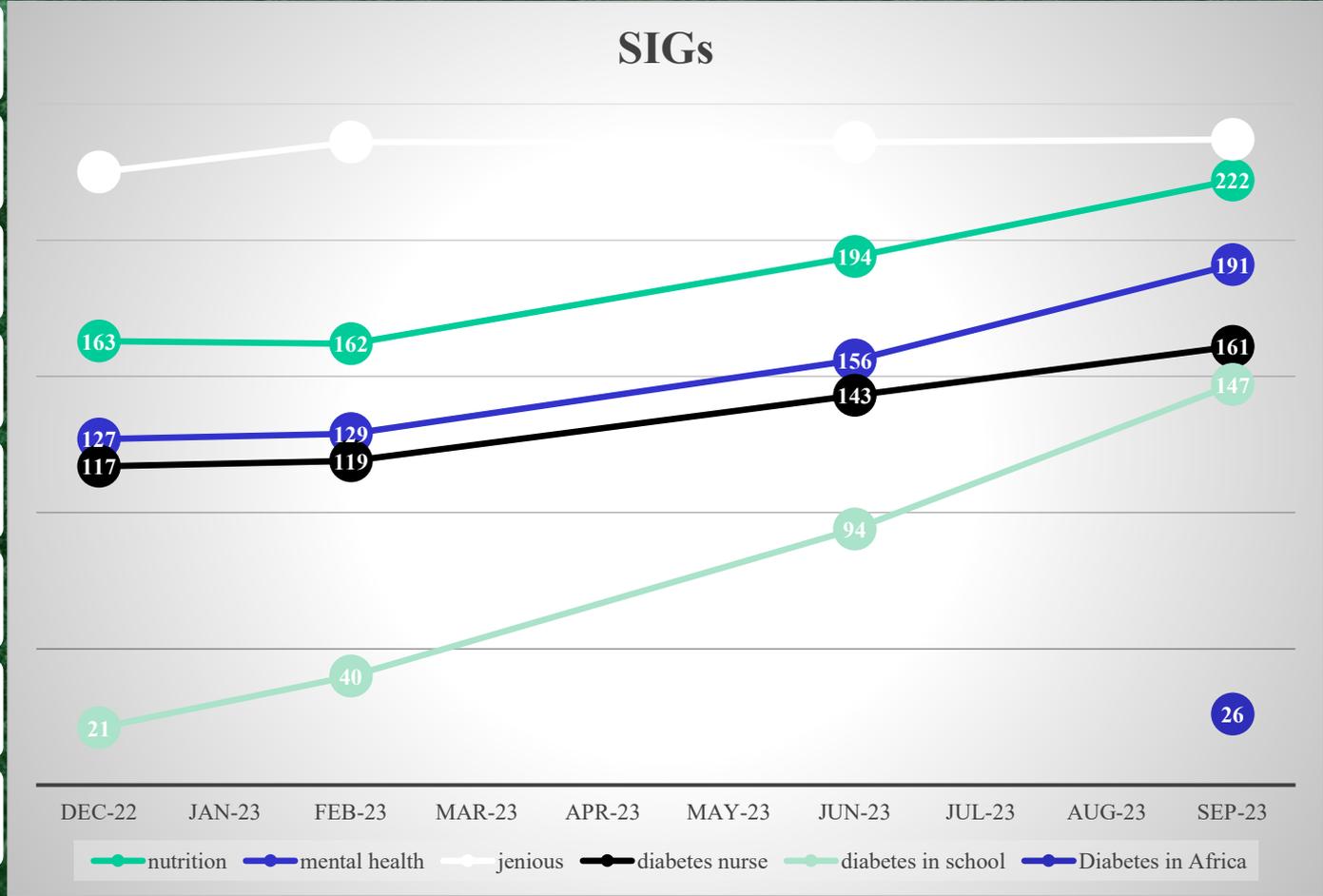
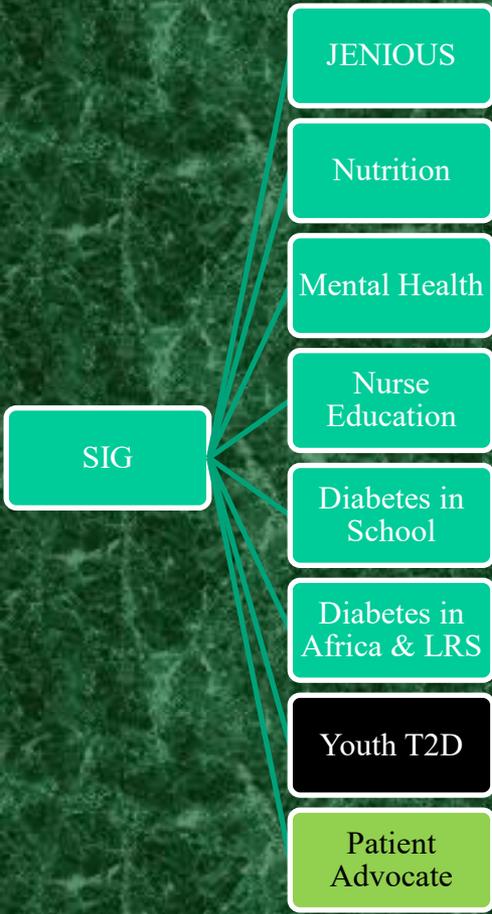


ISPAD 2013-2023 MEMBERSHIP



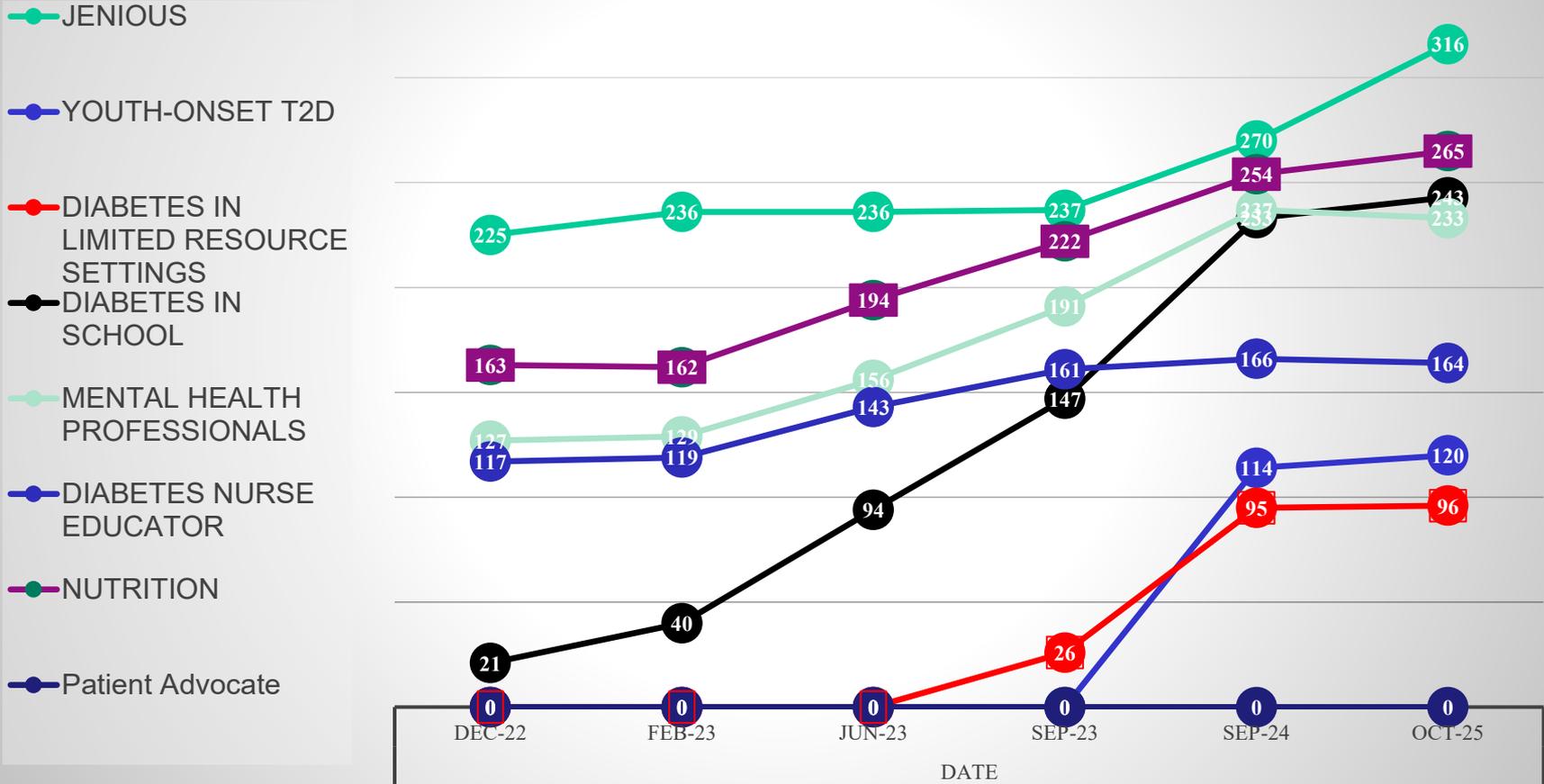
Profession	Nr. of Members	Percentage
Physician	652	59,3 %
Student	135	12,3 %
Nurse	100	9 %
<u>Dietitian</u>	67	6 %
<u>Honorary & Emeritus</u>	49	4,5 %
<u>Others</u>	45	4 %
ADV	26	2,4 %
<u>Psychologist</u>	26	2,4 %

ISPAD SPECIAL INTEREST GROUPS



2025 ISPAD SPECIAL INTEREST GROUPS

SIG Members Growth Chart

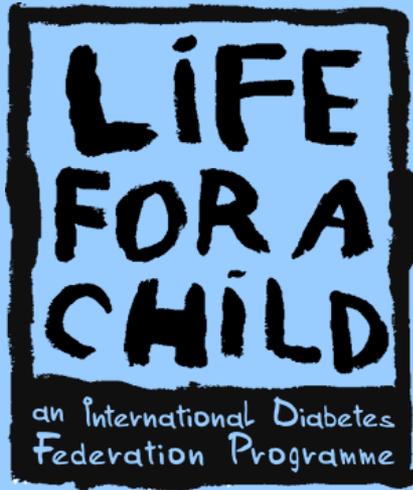


Persons with diabetes (PWD) and Patient Advocates

- Persons with diabetes (PWD) and Patient Advocates have been welcomed to ISPAD as members to foster partnering and allow representation with closer relations with ISPAD
 - Participating in Clinical Guidelines
 - Participating in Annual Meeting and Planning
 - Participating as Dedicated Roving Reporters with dedicated symposia & social events



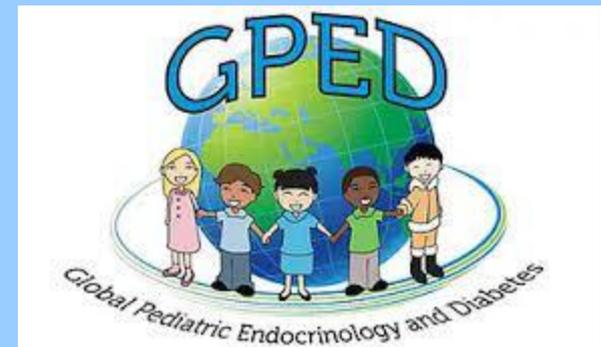
Empowering Advocacy and Education Around the World



changing
diabetes®
in children



iada | International Alliance
for Diabetes Action



ISPAD is a Supporting Member of a United Diabetes Community

TAKE A STAND FOR THE DIABETES COMMUNITY

DIABETES COMMUNITY PLEDGE FOR THE 2024 EUROPEAN ELECTIONS

This Pledge has been developed, and is supported by, the United Diabetes Community.

Member Organisations:

- EASD
- EFSD
- FEND
- JDRF
- International Diabetes Federation Europe
- Société francophone du diabète
- PCDE
- ISPAD

Supporting Collaborators:

- efpia
- MedTech Europe

European Diabetes Forum

Early Detection | Equitable Care
Empowering People | Embracing Science & Technology

ISPAD Invites PwD and Diabetes Advocates to Become Members

- **Persons with Diabetes (PwD) and Patient Advocates need to have a voice in our organization and they now have representation:**
- **Clinical Practice Consensus Guidelines**
- **Annual Conference Scientific Planning Committee**
- **Dedicated symposia and social events**
- **Patient advocates = full ISPAD members**

ISPAD Corporate Partners



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CONTINUOUS GLUCOSE MONITORING

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ISPAD 2025 Partners



changing
diabetes®
in children



ISPAD support of PenPlus NCDI Program

The NCDI Poverty Network's four-phase theory of change ...

Phase 1
Situation analysis
and priority-setting

Prioritize conditions
and interventions

Phase 2
Integration Science –
Delivery Model Design

Develop models for integrated
delivery of priority interventions

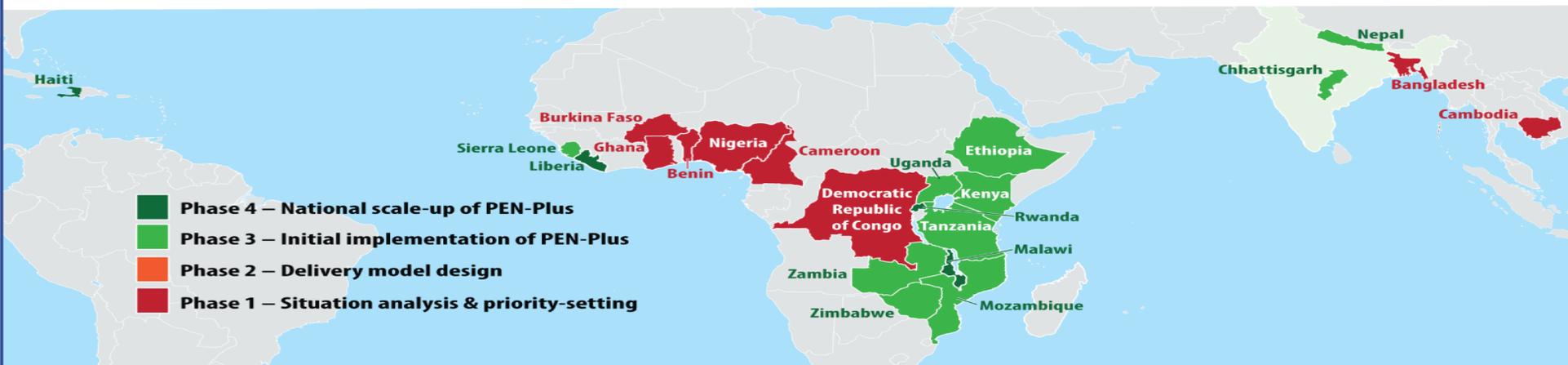
Phase 3
Initial PEN-Plus
implementation

Establish training sites and
national operational plans

Phase 4
National Scale-up

Build financial and technical
partnerships to support scale-up

and the status of Network member countries – February 2023



- ISPAD representatives: Carine de Beaufort, Stu Brink, Julia von Oettingen

ISPAD 50th Anniversary Annual Meeting Commemoration

Lisbon, 2024

Moderator: Stu Brink

Speakers: Zvi Laron

Johnny Ludvigsson

Peter Swift

ISPAD 50th Anniversary Declaration of Lisbon

Lisbon, 2024

Catarina Limbert, Jamie Wood, Sabine Hofer, Jannet Svensson, Fergus Cameron, Roque Cardona-Hernandez, Sylvia Lion, David M Maahs

Declaration of Lisbon On the occasion of our 50th annual meeting in October 2024 in Lisbon, Portugal, the members of the International Society for Pediatric and Adolescent Diabetes (ISPAD), renew their Hippocratic Oath by proclaiming their commitment to continue and update the ISPAD Declaration of Kos * to promote optimal health, social welfare, and quality of life for all children, adolescents, and young adults with diabetes around the world. We take this unique opportunity to reaffirm the commitments of diabetes specialists in the past and advocate for the following for all children, adolescents, and young adults with diabetes (panel). We declare no competing interests. This piece was written on behalf of the International Society for Pediatric and Adolescent Diabetes.

* Brink S. ISPAD Declaration of Kos. J Paediatr Child Health 1995; 31: 156

ISPAD 50th Anniversary Declaration of Lisbon

Lisbon, 2024

Catarina Limbert, Jamie Wood, Sabine Hofer, Jannet Svensson, Fergus Cameron, Roque Cardona-Hernandez, Sylvia Lion, David M Maahs

Panel: Recommendations for improving care for children, adolescents, and young adults with diabetes

1. To advance precision diagnosis for all children in all stages of diabetes
2. To develop disease-modifying therapies to protect, enhance, or restore the residual beta-cell function aiming for a cure
3. To make insulin and other evidence-based diabetes treatments more readily available
4. To reduce the morbidity and mortality rate of short-term and long-term complications, including mental health diagnoses, as well as missed diagnoses related to diabetes

ISPAD 50th Anniversary Declaration of Lisbon

Lisbon, 2024

Catarina Limbert, Jamie Wood, Sabine Hofer, Jannet Svensson, Fergus Cameron, Roque Cardona-Hernandez, Sylvia Lion, David M Maahs

5. To make person-centered and age-appropriate care and education accessible to all children, adolescents, and young adults with diabetes and their families
6. To increase the availability of appropriate diabetes technology, including continuous glucose monitoring equipment, insulin pumps, automated insulin delivery systems and other devices
7. To develop and encourage research on diabetes in this demographic around the world
8. To prepare and disseminate written guidelines and standards for practical and realistic diabetes care, psychosocial care, monitoring, nutrition, education, and consistent goal-setting for young people with diabetes and their families—this should emphasise the crucial role of the team of health-care professionals and the community in these tasks globally

ISPAD 50th Anniversary Declaration of Lisbon

Lisbon, 2024

Catarina Limbert, Jamie Wood, Sabine Hofer, Jannet Svensson, Fergus Cameron, Roque Cardona-Hernandez, Sylvia Lion, David M Maahs

9. To advocate for inclusive policies and a safe environment in schools, non-academic activities, and work settings

10. To establish transitional care policies from paediatric to adult services for adolescents and young adults living with diabetes

11. To ensure and advocate for better conditions for children, adolescents, and young adults with diabetes who are facing life-threatening challenges due to man-made and natural disasters

12 To engage with governmental health care agencies to increase attention to children, adolescents, and young adults with diabetes

ISPAD 50th Anniversary Declaration of Lisbon

Lisbon, 2024

- **Building on a Legacy**
- **As we look to the future, ISPAD introduces the Declaration of Lisbon, an updated commitment that reflects the evolving landscape of diabetes care. This new declaration expands upon the principles established in Kos, focusing on promoting optimal health, social inclusion, and a better quality of life for young people with diabetes across the globe.**
- **By adapting to contemporary challenges and advances, the Declaration of Lisbon emphasizes the importance of collaborative efforts, innovative treatments, and advocacy for equitable healthcare systems. It renews ISPAD's dedication to ensuring that no child or adolescent with diabetes is left behind.**

