

GPED Newsletter

Global Pediatric Endocrinology and Diabetes

*Keeping you up to date on Global Health
in Pediatric Endocrinology and Diabetes around the world*



Dr. JP Chanoine

The Annual General Assembly of GPED took place on September 11, 2016.

Dr. Jean-Pierre Chanoine was elected as GPED's Secretary General for another 3 year term. Dr. Julia von Oettingen will replace Dr. Carine de Beaufort as ISPAD representative for GPED. She will also become editor of the GPED's newsletter. Drs. Margaret Zacharin and Aman Pulungan will now sit on GPED's Executive Committee. The minutes of the meeting can be found on the GPED website.

Access the multilingual resources available on the GPED website.

Numerous resources are now available for download from the GPED website. These include 67 booklets on 34 topics commonly discussed in Pediatric Endocrinology and Diabetes that provide detailed information in 15 different languages as diverse as Arabic, Chinese, Dari, English, Farsi, French, Hindi, Indonesian, Korean, Latvian, Malayalam, Punjabi, Spanish, Urdu and Vietnamese (see Page 2). The IDF LFAC website also offers information on Diabetes in 16 languages (see Page 4).

Coming soon: A worldwide survey on the availability of

fludrocortisone and hydrocortisone.

As part of a commitment towards better access to medicines, a worldwide survey on existing sources of fludrocortisone, oral and injectable hydrocortisone will soon be launched by GPED. The first phase of the survey will be performed in the Asia-Pacific region in collaboration with Dr. K Armstrong (CLAN) and Drs. Reiko Horikawa and Jamal Raza (APPES). The objective of this survey is to better understand the barriers that limit access to these essential medicines and to identify new ways of improving access.

Inside this issue:

Welcome	1
The PES International Scholars Award	1
Multilingual Resources on the GPED website	2
Welcome to ASPAE	3
Recently published articles	3
IDF Life For A Child Education Website	4

Training Opportunity: Apply to the PES International Scholars Award



Dr H Allen

Do you know a young pediatrician or pediatric endocrinologist in a resource limited country who would like to gain experience or specific skills in your clinic or lab?

Are you interested in hosting such a person at your institution?

The objective of the International Scholars Program is to make it possible for colleagues from countries outside North America to visit and work in the clinics and laboratories of PES members. This program is targeted to younger colleagues or to individuals from countries with limited economic resources including countries in Central and South America and the Caribbean, Eastern Europe, Asia and Africa. The applicant should have a MD or PhD degree, have completed formal training, and have active interest in the field of pediatric endocrinology. The applicant along with a sponsor from North America is required to submit an application. The sponsor of the successful applicant will receive funding to cover

the visit to his/her institution for up to 3 months. The awardee is expected to attend the annual meeting of the PES, whenever logistically possible. It will be optimal, therefore, for the time spent by the awardee in the host's endocrine unit to coincide with the PES meeting.

If you or one of your colleagues are interested in this unique opportunity, please go to the Pediatric Endocrine Society website: https://www.pedsendo.org/research_awards/international_scholars/index.cfm

For additional information, please contact either Dr. Holley Allen, Chair of the International Scholars Committee or Dr. Jean-Pierre Chanoine, Chair of the PES International Relations Council.

The deadline for applications is March 1, 2017 for 2017 awards for the applicant to be in North America in the spring of 2018.

Dr Holley F. Allen, Chief, Pediatric Endocrinology, Baystate Children's Hospital, Springfield, MA

Email: Holley.Allen@baystatehealth.org

Resources for Families and Health Professionals: What is Available on the GPED Website?

Category	Title	Language
Adrenal	Congenital Adrenal Hyperplasia (CAH)	Spanish
Adrenal	CAH: Booklet No. 6 (Level: Easy)	French
Adrenal	CAH: Booklet No. 6 (Level: Average)	Arabic, French
Adrenal	Congenital Adrenal Hyperplasia (CAH)	Arabic, English, Indonesian
Adrenal	Congenital Adrenal Hyperplasia (CAH)	Urdu
Adrenal	Management of Hydrocortisone Replacement	Chinese, Dari, English, Farsi, French, Korean, Punjabi, Urdu, Vietnamese
Adrenal	Stress Replacement	Hindi
Bones Ca	Osteogenesis Imperfecta (Forum Indonesia)	Indonesian
Bones Ca	Glass Bone Disease	Vietnamese
Bones Ca	News OI Creating Bone Clubs for OI	Vietnamese
Bones Ca	OI Baby Everyday	Vietnamese
Bones Ca	Social and Emotional Issues of Living with OI	Vietnamese
Bones Ca	Therapy Program and Research on Biphosphonate	Vietnamese
Diabetes	ISPAE: Diabetes Guidelines	Malayalam
Diabetes	Management of Diabetes in under-resourced countries (IDF-ISPAD-LFAC)	English
Growth	Cancer Treatment Long-term Endocrine Effects	Latvian
Growth	Craniopharyngioma	English, Spanish
Growth	Growth Hormone Deficiency Adults	English
Growth	Growth Problems in Children	Arabic, English, Spanish
Growth	Intrauterine Growth Retardation (IUGR)	English, Spanish
Growth	Multiple Pituitary Hormone Deficiency (MPHD)	English, Spanish
Growth	Optical Nerve Hypoplasia (ONH)	Spanish
Hypoglycemia	Emergency management of Hypoglycaemia or Cortisol Deficiency	English, Indonesian, Spanish
Puberty	Delayed Puberty	English, Spanish
Puberty	Early Puberty in Girls	English, French
Puberty	Puberty and its Problems	Arabic, English, Spanish
Syndromes	Klinefelter Syndrome	English, Spanish
Syndromes	Turner Syndrome	English, Hindi, Indonesian, Spanish
Thyroid	Congenital Hypothyroidism	Chinese, English, Punjabi
Thyroid	Congenital Hypothyroidism	Malayalam
Thyroid	Congenital Hypothyroidism	Arabic, English, Spanish
Thyroid	Hyperthyroidism	Chinese, English
Thyroid	Thyroid Disorders of Children and Adolescents	English, Spanish
Water metabolism	Diabetes Insipidus	English, Spanish

To access these resources, go to: <http://globalpedendo.org/resources.htm>

Please contribute to these initiatives by submitting resources available in your country in any language!

Discover: the African Society for Paediatric and Adolescent Endocrinology



Dr M Ugochi Ibekwe

The African Society for Paediatric and Adolescent Endocrinology (ASPAE) is an international professional organization founded in 2009. Its aim is to promote the highest level of knowledge, research, education and clinical practice of Paediatric endocrinology and metabolism throughout Africa.

We have come this far because of two paediatric endocrine training schools in Africa: the Paediatric Endocrinology Training Centres for Africa in Nairobi (PETCA) and in Lagos (PETCWA). They are an initiative of the European Society for Paediatric Endocrinology (ESPE) and the International Society for Paediatric and Adolescent Diabetes (ISPAD) and are funded by the World Diabetes Foundation (WDF). Fellows are recruited through a competitive process among paediatricians from Sub-Saharan Africa. In the past decade a total of 84 fellows



have been trained. As a result, alumni of these schools are now serving in their home countries and

are actively engaged in a leadership role by providing specialized healthcare to all children in sub-Saharan Africa. The alumni have also made a major impact on research and have produced over 90 peer reviewed publications.

There is no more funding commitment to the PETC(W)A training schools beyond 2016. Therefore financial support will be sought by training institutions. Despite these challenges the training institutions aim to increase in size and scope which ultimately will increase the membership of ASPAE.

We have made a vow as a group that never again should an African child die of diabetes in a tertiary care center because there were no trained professionals to promptly make the diagnosis. We are committed to excellence and to becoming one of the largest and most leading international scientific communities of paediatric endocrinology.

ASPAE is to host the 8th annual scientific meeting that will take place at the Alisa Hotel in Accra (Ghana) from 15th to 17th March 2017. Your participation at this conference will be highly appreciated. We welcome world leading scientists to share their expertise, learn from our experience and develop fruitful collaboration with Africa.

Dr Maryann Ugochi Ibekwe, ASPAE Editor, Ebonyi State University Abakaliki, Nigeria
Email: ugochiamadife@yahoo.com

Recent articles: 1. e-learning program and 2. WHO lists of essential medicines

In this section, we highlight recently published papers that are relevant to Global Pediatric Endocrinology and Diabetes.

1. L Kranenburg, STH Reerds, M Cools, J Alderson, M Muscarella, K Grijpink, CA Quigley, SLS Drop. **Global Application of Assessment of Competencies of Paediatric Endocrinology Fellows in the Management of Differences of Sex Development (DSD) Using the ESPE e-learning.org Portal.** Med.Sci.Educ. 2016

<http://link.springer.com/article/10.1007/s40670-016-0333-9> [open access]

This study evaluates the role of e-learning in the assessment of competencies of paediatric endocrinology fellows (see Newsletter #2). Sixty-eight fellows from various countries answered online multiple-choice and open questions relating to two clinical interactive problem solving cases. Thirty-two experts evaluated the answers and judged that only 50 % of the necessary elements were given in these correct answers. Personalized formative feedback to the open questions, when given, was highly valued by participating fellows. Overall, the e-learning portal is highly valued by both the fellow and the expert, is helpful in developing medical competencies and is therefore a feasible tool for distance learning.

2. A Rowlands, A Acosta-Gualandri, J Guevara-Aguirre, JP Chanoine. **WHO and national lists of essential medicines in Mexico, Central and South America, and the Caribbean: are they adequate to promote paediatric endocrinology and diabetes care?** BMJ Global Health 2016;1:e000114.

<http://gh.bmj.com/content/bmjgh/1/3/e000114.full.pdf> [open access]

Many medicines relevant to the management of paediatric endocrine conditions and diabetes are mentioned in the WHO Model Lists of Essential Medicines (EMLs). The content of WHO EMLs was compared with the content of the national EMLs that are available for countries in Latin America. Marked differences between the content of the WHO and national EMLs were found. EMLs from richer countries usually included more medicines than those from poorer countries. The extent to which medicines present in the national EMLs are actually available to children needs to be further investigated.

IDF Life For A Child Education Website



A Middelhurst

Life for a Child (LFAC, see Newsletter #2) has developed a comprehensive library of resources for young people with diabetes and their carers, in 16 languages commonly used in less-resourced countries. The purpose of this library is to make education materials (books, comics, fact sheets, videos, DVDs and posters) more widely available. Education of children and their families is essential so they can understand what diabetes is and live a healthy and full life. Health professionals need resources and training to provide quality care, while school teachers require guidance on managing diabetes in the school setting. Some pages on the website currently have numerous

resources, others have only a few – as resources become available they will be added to the site. More pages are planned for the future.

Examples of resources

“*Moseka and Her Friends*”, a comic book about a young girl with type 1 diabetes, was originally developed in French by Dr Marguerite Declerck and her team in the Democratic Republic of Congo. It has since been translated into English and Kinyarwanda and will soon be available in Swahili.

“*Professor Bumblebee’s Guide to Type 1 Diabetes*” is a simple visual story (12 minute DVD) telling what happens to a child’s body when they have type 1 diabetes. It has proved as broadly popular as “Moseka” and in its turn, has been translated into Tajik, Urdu and Portuguese by our colleagues in those countries.



Guidelines for Conducting Diabetes Camp Activities in Less-Resourced Countries

In 2014, LFAC collaborated with the Diabetes Education and Camping Association (DECA) to develop *Guidelines for Conducting Diabetes Camp Activities in a Less-Resourced Country*. LFAC encourages the centres and countries that they support to conduct activity days or camps to encourage children and young people with diabetes to attend, have fun and make friends, reduce isolation and learn more about managing their diabetes.

We welcome other existing materials that we can add to the website.

Angie Middlehurst, LFAC Education Manager

Email: angiem@diabetesnsw.com.au

Website: <http://www.idf.org/lifeforachild/diabetes-education-resources>



Keeping you up to date on Global Health in Pediatric Endocrinology and Diabetes around the world

Secretary General:

Jean-Pierre CHANOINE, MD, FRCPC
(Academic)
Clinical Professor and Head
British Columbia Children’s Hospital
Endocrinology and Diabetes Unit
K4-212, 4480 Oak Street
Vancouver, BC
V6H3V4
Canada
Tel: +1 604 875 2345, ext 5120
Email: info@globalpedendo.org

GPED website: www.globalpedendo.org

Executive Committee:

Jean-Pierre CHANOINE (PES)
Ze’ev HOCHBERG (ESPE)
Kerstin ALBERTSSON-WIKLAND (ESPE)
Julia von OETTINGEN (ISPAD)
Raul CALZADA (SLEP)
Iroro YARHERE (ASPAE)
Vijayalakshmi BHATIA (ISPAE)
Reiko HORIKAWA (JSPE)
Xiaoping LUO (CSPEM)
Suttipong WACHARASINDHU (APPES)
Asma DEEB (ASPED)