

# Management of Pediatric Atopic Dermatitis: A Global Perspective

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A 90-MINUTE VIRTUAL SYMPOSIUM AT THE WORLD CONGRESS  
OF PAEDIATRIC DERMATOLOGY | SEPTEMBER 22, 2021  
EDINBURGH, UK



### ***Management of Pediatric Atopic Dermatitis – A Global Perspective***

A 90-Minute Virtual Symposium at the World Congress of Paediatric Dermatology | Edinburgh, UK

September 22, 2021

*In partnership with the International Society for Pediatric Dermatology (ISPD)*

### **Mission Statement**

The International Eczema Council (IEC) brings together scientists and physicians dedicated to research, discovery, and the optimal care for patients with eczema.

### **Educational Need**

Atopic dermatitis (AD) is a common inflammatory skin disease and evolving understanding in disease development has led to a considerable number of promising new drugs in development. During recent years, there have been major advances in personalized medicine linked to better understanding of progression and precision treatment options of AD, and new and developing therapies hold promise for real advances in management of this complex disease.

While most patients with AD have mild to moderate disease, a considerable subpopulation report moderate-to-severe symptoms<sup>1</sup>. Patients with severe AD that do not respond to first-line topical therapies and phototherapy may be classified as having severe disease. Better therapies are needed and, although the causes of AD are still not fully understood, much progress has been made in the last decade. Through continued focus on better understanding AD, the way toward improved treatment approaches will be paved.

<sup>1</sup> <https://www.aafa.org/media/2209/Atopic-Dermatitis-in-America-Study-Overview.pdf>

### **Educational Design & Delivery**

The *Management of Pediatric Atopic Dermatitis – A Global Perspective* symposium has been designed by a multidisciplinary committee of international experts at the forefront of pediatric dermatological medicine for a primary audience of physicians whose scope of practice is targeted at the comprehensive nature of dermatological care, as well as a secondary audience of non-physician healthcare clinicians, including nurses, nurse practitioners, physician assistants, psychologists, and pharmacists who are part of the multidisciplinary care management team.

This inaugural IEC program in concert with the ISPD will take a truly global approach to pediatric AD and skin infection management, bringing together world-renowned experts to address practical and critical topics in the treatment of moderate to severe AD in children and young adults. Special considerations and perspectives related to skin of color, education, and populations with limited socioeconomic status resulting in both few and limited therapeutic alternatives will also be carefully explored. The symposium will closely examine newly emerging clinically applicable knowledge — ranging from new guidelines to recognition of emerging agents and adverse events to translational research — to addressing the best approaches to management of pediatric patients in order to achieve the best quality of care and outcomes for patients suffering from both common and uncommon dermatologic conditions. The session will include didactic lecture, robust panel discussion, case presentation, and audience

interaction that will allow attendees to gain real-world knowledge they can immediately apply to practice. Depending on COVID-related restrictions, the program can be delivered entirely online or as a hybrid, while also including live speakers and audience interactivity. The session will be recorded for later use as enduring IEC material.

### Overall Learning Objectives

After attending the symposium, attendees will be able to:

- Discuss current, optimal & pipeline therapies for pediatric patient treatment and care of moderate to severe AD.
- Identify and prioritize unmet needs for research related to moderate to severe pediatric atopic dermatitis.
- Facilitate better conversations with AD patients and their care partners.
- Discuss the management of pediatric AD in skin of color.
- Review the role of the skin microbiome and skin infections in pediatric AD.
- Review strategies for educational approaches in pediatric AD.

### Faculty

#### Panel discussion moderators:

- Amy Paller, MD, MS | *Northwestern University Feinberg School of Medicine, Chicago, IL*
- Carsten Flohr, MD, PhD, MSc | *St John's Institute of Dermatology, Guy's and St Thomas' NHS Foundation Trust and King's College, London, UK*

#### Panelists:

- Helen Alexander, MD | *St John's Institute of Dermatology, Guy's and St Thomas' NHS Foundation Trust and King's College, London, UK*
- Valeria Aoki, MD, PhD | *University of Sao Paulo Medical School, São Paulo, Brazil*
- Mike Cork, BSc, MB, PhD, FRCP | *Sheffield Dermatology Research, The University of Sheffield Medical School, Sheffield, UK*
- Sandipan Dhar, FRCP, MD | *Dept of Pediatric Dermatology, Institute of Child Health, Kolkata, India*
- Carol Hlela, MBChB, FcDerm, MSc GHS, MMed, DPhil | *University of Cape Town Department of Paediatrics and Child Health, South Africa*
- Mark Koh, MD | *Dermatology Service, KK Women's & Children's Hospital & Visiting Consultant, National Skin Center, Singapore General Hospital & National Cancer Centre*

### PROGRAM

#### *Management of Pediatric Atopic Dermatitis – A Global Perspective*

**Welcome & history of ISPD and IEC | Update on unmet needs & goals to bring education worldwide;  
Setting the scene to the pediatric AD symposium & introduction of the Symposium Panel**

- Amy Paller, MD, MS | *Northwestern University Feinberg School of Medicine, Chicago, IL*
- Carsten Flohr, MD, PhD, MSc | *St John's Institute of Dermatology, Guy's and St Thomas' NHS Foundation Trust and King's College, London, UK*

**Setting the scene for what's new in therapy? A brief overview of the management of pediatric AD**

Mike Cork, BSc, MB, PhD, FRCP | *Sheffield Dermatology Research, The University of Sheffield Medical School, Sheffield, UK*

### **Atopic Dermatitis in Skin of Color**

Carol Hlela, MBChB, FcDerm, MSc GHS, MMed, DPhil | *University of Cape Town Department of Paediatrics and Child Health, South Africa*

### **The Role of the Microbiome & Skin Infections in Atopic Dermatitis**

Helen Alexander, MD | *St John's Institute of Dermatology, Guy's and St Thomas' NHS Foundation Trust and King's College, London, UK*

Sandipan Dhar, FRCP, MD | *Dept of Pediatric Dermatology, Institute of Child Health, Kolkata, India*

### **The Importance of Patient Education and Strategies for Delivery – A Global Perspective**

Valeria Aoki, MD, PhD | *University of Sao Paulo Medical School, São Paulo, Brazil*

### **Discussion Panel & Closing Remarks – All Faculty**

Moderated by:

▪Amy Paller, MD, MS | *Northwestern University Feinberg School of Medicine, Chicago, IL*

▪Carsten Flohr, MD, PhD, MSc | *St John's Institute of Dermatology, Guy's and St Thomas' NHS Foundation Trust and King's College, London, UK*

### **Target Audience**

Pediatric dermatologists, allergists, nurses, and other members of the clinical treatment team worldwide. COVID permitting, this program will educate up to 600 clinicians at the live event with an interest in the care of persons with moderate to severe AD as taught by experienced faculty. Otherwise, the symposium will be streamed online.

The WCPD Scientific Program will be of the highest quality, representing specialties from all major Dermatology Meetings, National Societies, targeted membership organizations and other relevant dermatologic Specialties. Sessions at this event will be simultaneously recorded for continued international reach.

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### **Program Chairs**



#### **Amy Paller, MD, MS**

Co-Founder, International Eczema Council

Chair, Department of Dermatology

Director, Northwestern University Skin Disease Research Center

Northwestern University Feinberg School of Medicine, Chicago, IL USA



**Carsten Flohr, MD, PhD, MSc**

Chair in Dermatology and Population Health Science

St. John's Institute of Dermatology

Guy's and St. Thomas' NHS Foundation Trust and King's College London, UK

### About the Program Chairs

**Amy Paller, MD MS** is the co-founder of the International Eczema Council. She is also the Walter J. Hamlin Professor and Chair of Dermatology, professor of pediatrics, and principal investigator of the NIH-funded Skin Disease Research Center at Northwestern University Feinberg School of Medicine. She directs the Pediatric Dermatology Clinical Trials Unit at Lurie Children's Hospital of Chicago and has been the lead investigator on landmark trials involving inflammatory skin disorders. Now, she is focused on biomarker discovery for pediatric skin disease and developing patient-reported outcomes tools.

An author of more than 500 publications, Dr. Paller is an NIH-funded investigator whose laboratory focuses on nanotechnology for therapeutic delivery, diabetic wound healing, and cutaneous innervation.

She was the inaugural IEC president and has been president of the Society for Pediatric Dermatology, Society for Investigative Dermatology, Women's Dermatologic Society, and now International Society for Pediatric Dermatology. She was also the inaugural co-chair of the Pediatric Dermatology Research Alliance and has served on the Board of Directors of the American Academy of Dermatology, Society for Investigative Dermatology, Society for Pediatric Dermatology, Women's Dermatologic Society, American Board of Dermatology, and American Dermatological Association. She co-authors Hurwitz Clinical Pediatric Dermatology and has edited the Journal of Investigative Dermatology, among other journals.

**Carsten Flohr, MD, PhD, MSc** studied at Cambridge and Oxford Universities and then trained in both paediatrics and dermatology. He was the first UK National Institute for Health Research (NIHR) Clinician Scientist in Dermatology (2009-2014) and the only dermatologist who held a Career Development Fellowship from the NIHR (2014-2019). Professor Flohr directs the Unit for Population-Based Dermatology Research at St John's Institute of Dermatology, King's College London, where he holds the Chair in Dermatology and Population Health Science.

Dr. Flohr has a particular interest in novel methods of atopic dermatitis (AD) prevention (early life risk factors) and therapeutics, especially in severe AD. He is Chief Investigator of the UK National Institute for Health Research (NIHR) UK-Irish TReatment of severe eczema in children Trial (TREAT), which compares cyclosporine with methotrexate in children with recalcitrant atopic eczema. He is also Chief Investigator of the Softened water for eczema prevention trial (SOFTER) and the UK-Irish Atopic Eczema Systemic Therapy Register (A-STAR).

Professor Flohr is a Founding Director of the International Eczema Council and President of the British Society of Paediatric Dermatology. Dr. Flohr is also Founding Editor of the Evidence-Based Dermatology

Section of the *British Journal of Dermatology* and the Clinical Trials Editor of the *F1000 Atopic Dermatitis* Section.

### Program Faculty

**Helen Alexander, MD** | St John's Institute of Dermatology, Guy's and St Thomas' NHS Foundation Trust and King's College, London, UK

**Valeria Aoki, MD, PhD** | University of Sao Paulo Medical School, São Paulo, Brazil

**Mike Cork, BSc, MB, PhD, FRCP** | Sheffield Dermatology Research, The University of Sheffield Medical School, Sheffield, UK

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**Mark Koh, MD** | Dermatology Service, KK Women's & Children's Hospital & Visiting Consultant, National Skin Center, Singapore General Hospital & National Cancer Centre

### Partnership

#### About IEC

Founded in late 2014, the International Eczema Council (IEC) is a global nonprofit organization led by dermatology experts on atopic dermatitis. The IEC is dedicated to increasing the understanding of atopic dermatitis and promoting its optimal management through research, education, and patient/family care. Consistent with the organization's charitable and educational objectives, the IEC is playing an increasing role as an important advisor to pharma, supporting negotiations with regulatory authorities and encouraging the use of new therapeutics that have been shown to be effective and safe.

#### About ISPD

The International Society of Pediatric Dermatology (ISPD) is a worldwide, non-profit, scientific organization formed by professionals interested in promoting Pediatric Dermatology. It is aimed to carry out collaborative efforts to improve Pediatric Dermatology for the general health of infants and adolescents. Further aims include promotion of human and scientific relations with other scientific groups and societies having goals like those of the ISPD, as well as the formation of national societies of Pediatric Dermatology. The ISPD promotes the development of Pediatric Dermatology through clinical practice, research, teaching, conferences, courses, meetings, publications, and consultation.