

Annual Scientific Meeting

2022

18 September 2022 (Sunday)

Supporting Organization:



THE HONG KONG SOCIETY FOR PAEDIATRIC DERMATHOLOGY



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Sustained improvement of itch, skin clearance, and QoL up to 52 weeks, with rapid control after first dose1-16

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Only AD therapy:

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*DUPIXENT is indicated to treat adults and adolescents ≥12 years with moderate-to-severe atopic dermatitis, and children aged 6 to 11 years with severe atopic dermatitis who are candidates for systemic therapy¹



Presentation: Dupilumab solution for injection in a pre-filled syringe with needle shield. Indications: Atopic Dermatitis (AD): Moderate-to-severe AD in adults and adolescents ≥12 years who are candidates for systemic therapy; severe atopic dermatitis in children 6 to 11 years old who are candidates for systemic therapy. Asthma: In adults and adolescents ≥12 years as add-on maintenance treatment for severe asthma with type 2 inflammation characterised by raised blood eosinophilis and/or raised FeNO, who are inadequately controlled with high dose ICS plus another medicinal product for maintenance treatment. Chronic rhinosinusitis with nosd polyposis (CRSwNP): As an add-on therapy with intransal corticosteroids for the treatment of adults with severe CRSwNP for whom therapy with systemic corticosteroids and/or surgery do not provide adequate disease control(For 300 mg) Dosage & Administration: Subcutaneous injection. AD adults: limited dose of 600 mg (two 300 mg injections), followed by 300 mg every other week. Body weight ±60 kg - same dosage as adults. Dupilumab can be used with or without topical corticosteroids. Topical calcineurin inhibitors may be used, but should be reserved for problem areas only, e.g. face, neck, intertriginous and genital areas. Consider discontinuing treatment in patients who have shown no response after 16 weeks. AD Children(6-11yt/s): Body weight 15 kg ~ <60 kg - initial dose of 300 mg on Day 15 (hollow by 300 mg every 4 weeks. Bodyweight ±60 kg - same dosage as adults. The dose may be increased to 200 mg Q2W in patients with body weight of 15 kg ~ <60 kg based on physician's assessment. Asthma: Initial dose of 400 mg, followed by 300 mg every other week. Para patients every a developed on oral corticosteroids on gradually once clinical improvement with dupilumab has occurred. The need for continued dupilumab therapy should be considered at least annually as determined by a physician. If a dose in smissed, administer it aspa and thereafter, resume dosing at the regular scheduled flu





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Welcome Message

Dear Colleagues,

Greetings to all of you and welcome to the Annual Scientific Meeting (ASM) of the Hong Kong Society of Dermatology and Venereology 2022.

With the social distancing regulations and traveling restrictions still be in-force locally, our ASM this year will again be conducted in virtual format.

Paediatric dermatology is one of the major sessions of this year's meeting. We are honored to have Professor Richard Antaya from USA to have an in-depth discussion with us on different kinds of therapeutics for paediatric skin diseases, especially the use of biologics and JAK inhibitors.

Alopecia areata is a hot topic of the year after the incident happened at the Oscars ceremony early this year. We are privileged to have Dr. Brett King from USA to share with us the latest clinical challenges and understanding on current and future treatments of this common autoimmune disease.

Advances in the treatment of atopic dermatitis and psoriasis will be another main theme. We are grateful that Professor Thomas Bieber and Professor Andreas Pinter from Germany and Dr. Mark Tang from Singapore will share their expertise in managing atopic dermatitis. In addition, Professor Wenhung Chung from Taiwan will discuss biologics use in psoriasis.

We are also delighted to have our local experts in dermatology and immunology to discuss with us on various hot topics. Dr. Kwun-cheung Hau will give us a talk on onychomycosis therapy. Dr. Philip Li will share with us his clinical experience on managing chronic spontaneous urticaria. Dr. Elaine Au will comment on how to choose the right drug provocation test for the right patient. Dr. Christina Wong will bring us latest clinical updates on cutaneous manifestation of COVID-19 infection, comorbidities and prognosis in hospitalized patients. Dr. William Ngan will discuss with us the salient changes involved in the updates in the CDC STI 2021 Guidelines.

Last but not least, we have three new young fellows for the New Fellows' Forum this year: Dr. Hok-fai Cheng, Dr. Stephanie Ng and Dr. On-cheung Lau. They will share with us their interesting findings from their local studies.

We sincerely hope all of you to find this year's ASM a fruitful and enjoyable experience. Hope we can meet each other face-to-face in next year's ASM.

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Dr. Fong-cheng IPChairman

Vim

Dr. Mimi CHANGChairman

The Hong Kong Society for Paediatric Dermatology

The Hong Kong Society of Dermatology and Venereology

Council List (2021 – 2023)

Chairman

Dr. Fong-cheng IP

Vice-Chairman

Dr. Christina Sze-man WONG

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Dr. Christina Man-tung CHEUNG

Honorary Treasurer

Dr. Shun-chin NG

Council Members

Dr. Mandy Wai-man CHAN
Dr. Po-tak CHAN
Dr. Mimi Mee CHANG
Dr. Tin-sik CHENG
Dr. Chi-keung YEUNG



Programme

09:00 – 09:05	Opening Remarks Dr. Fong-cheng IP Chairman, The Hong Kong Society of Dermatology and Venereology		
09:05 – 09:50	2:50 Symposium I: New Fellows' Forum Chairpersons: Dr. Po-tak CHAN and Dr. Shun-chin NG		
	HoVert Technique versus Double Scalp Punches in Alopecia Biopsy: A Pilot Study on Our Local Population Dr. Hok-fai CHENG (Hong Kong)		
	Effect of Biologics on Inflammatory and Metabolic Parameters in Patients with Chronic Plaque Psoriasis Dr. Stephanie NG (Hong Kong)		
	Sexual Behaviour and Risk Factors Associated with Sexually Transmitted Infections of Elderly Patients Attending Social Hygiene Services in Hong Kong Dr. On-cheung LAU (Hong Kong)		
09:50 – 10:00	Break		
10:00 – 11:00	Symposium II: Paediatric Dermatology Chairpersons: Dr. Fong-cheng IP and Dr. Chi-keung YEUNG		
	The Big Bang: The Expanding Universe of Therapeutics for Paediatric Skin Disease Professor Richard ANTAYA (USA)		
	Q & A		
11:00 – 11:10	Break		
11:10 – 12:45	Symposium III: Advances in the Treatment of Hair and Nail Diseases and Chronic Spontaneous Urticaria Chairpersons: Dr. Tin-sik CHENG and Dr. Fong-cheng IP		
	Alopecia Areata: A New Understanding of Disease and Treatment Dr. Brett KING (USA)		
	Bridge the "Gap": Addressing Unmet Medical Needs in Onychomycosis Dr. Kwun-cheung HAU (Hong Kong)		
	Chronic Spontaneous Urticaria Disease Burden and Management in Hong Kong Dr. Philip LI (Hong Kong)		
	Q & A		
12:45 – 13:45	Lunch Break		
12:50 – 13:20	Annual General Meeting		
13:45 – 14:25	Lunch Symposium (sponsored by AbbVie Limited) Chairpersons: Dr. Mimi CHANG and Dr. Christina WONG		
	Atopic Dermatitis: Revolution in Therapy Professor Thomas BIEBER (Germany)		
	Q & A		
14:25 – 14:35	Break		

Programme

Symposium IV: Advances in the Treatment of Atopic Dermatitis and Psort Chairpersons: Dr. Mandy CHAN and Dr. Christina CHEUNG		
Bringing Light for Psoriasis Patients Professor Wen-hung CHUNG (Taiwan)		
Choosing the Right Treatment for the Right Patient with Atopic Dermatitis: Experience from Singapore Dr. Mark TANG (Singapore)		
The Hidden Patient: What We Really Need to Treat in Atopic Dermatitis Professor Andreas PINTER (Germany)		
Q & A		
Break		
5 Symposium V: Drug Allergy, COVID-19 & Sexually Transmitted Infections Chairpersons: Dr. Christina CHEUNG and Dr. King-man HO		
Drug Allergy: Choosing the Right Test for the Right Patient Dr. Elaine AU (Hong Kong)		
Cutaneous Manifestation of COVID-19 Infection, Comorbidities and Prognosis in Hospitalized Patients Dr. Christina WONG (Hong Kong)		
Updates in the CDC STI 2021 Guidelines Dr. William NGAN (Hong Kong)		
Q & A		
Closing Remarks Dr. Fong-cheng IP Chairman, The Hong Kong Society of Dermatology and Venereology		

Academic Accreditations

Organization	Points Accredited
Hong Kong College of Community Medicine	6
The Hong Kong College of Family Physicians	5
Hong Kong College of Paediatricians	6
The Hong Kong College of Pathologists	7
Hong Kong College of Physicians	6
The College of Surgeons of Hong Kong	6
MCHK CME Programme	5



Professor Richard ANTAYA

Professor of Dermatology, Pediatrics and Nursing, Yale University School of Medicine, USA

Dr. Elaine AU

Consultant, Division of Clinical Immunology, Department of Pathology, Queen Mary Hospital, Hong Kong

Professor Thomas BIEBER

Professor for Dermatology and Allergology, University of Bonn, Germany

Dr. Mandy CHAN

Specialist in Dermatology and Venereology, Private Practice, Hong Kong

Dr. Po-tak CHAN

Specialist in Dermatology and Venereology, Private Practice, Hong Kong

Dr. Mimi CHANG

Specialist in Dermatology and Venereology, Private Practice, Hong Kong

Dr. Hok-fai CHENG

Medical and Health Officer, Social Hygiene Service, Department of Health, Hong Kong

Dr. Tin-sik CHENG

Specialist in Dermatology and Venereology, Private Practice, Hong Kong

Dr. Christina CHEUNG

Consultant, Department of Medicine & Therapeutics, Prince of Wales Hospital, Hong Kong

Professor Wen-hung CHUNG

Director, Department of Dermatology and Drug Hypersensitivity Clinical and Research Center, Chang Gung Memorial Hospital, Taipei, Taiwan

Dr. Kwun-cheung HAU

Specialist in Dermatology and Venereology, Private Practice, Hong Kong

Dr. King-man HO

Specialist in Dermatology and Venereology, Private Practice, Hong Kong

Dr. Fong-cheng IP

Senior Medical and Health Officer, Social Hygiene Service, Department of Health, Hong Kong

Dr. Brett KING

Associate Professor of Dermatology, Yale University School of Medicine, USA

Dr. On-cheung LAU

Medical and Health Officer, Social Hygiene Service, Department of Health, Hong Kong

Dr. Philip LI

Division Chief (Academic) and Clinical Assistant Professor, Division of Rheumatology & Clinical Immunology, Department of Medicine, The University of Hong Kong, Hong Kong

Dr. Shun-chin NG

Senior Medical and Health Officer, Social Hygiene Service, Department of Health, Hong Kong

Dr. Stephanie NG

Medical and Health Officer, Social Hygiene Service, Department of Health, Hong Kong

Dr. William NGAN

Specialist in Dermatology and Venereology, Private Practice, Hong Kong

Professor Andreas PINTER

Director, Clinical Research, Department of Dermatology, Venereology, and Allergology, University Hospital Frankfurt am Main, Germany

Dr. Mark TANG

Medical Director and Consultant Dermatologist, The Skin Specialists & Laser Clinic, Mount Alvernia Medical Centre, Singapore

Dr. Christina WONG

Division Chief and Honorary Clinical Assistant Professor, Division of Dermatology, Department of Medicine, The University of Hong Kong, Hong Kong

Dr. Chi-keung YEUNG

Honorary Clinical Associate Professor, Division of Dermatology, Department of Medicine, The University of Hong Kong, Hong Kong

Symposium I: New Fellows' Forum

HoVert Technique versus Double Scalp Punches in Alopecia Biopsy: A Pilot Study on Our Local Population

Dr. Hok-fai CHENG

Medical and Health Officer, Social Hygiene Service, Department of Health, Hong Kong

Knowledge in hair pathology is essential in managing alopecia. Accuracy of alopecia biopsy reporting cannot be overemphasized when handling complex cases. In this context, appropriate specimen type and precise laboratory handling are crucial, and these are largely influenced by the surgical approach. Elliptical incisional biopsy is a commonplace in Hong Kong. Two-4mm scalp punches has gained popularity over the years, and is currently a global standard in alopecia diagnostics.

A pilot clinico-pathological study was carried out to examine if 4-mm scalp punch biopsy applies to our local population, and whether single or double punches is better. Each of the recruited alopecic subject was offered three 4-mm punches. One of them was grossed by HoVert technique while the other two by horizontal and vertical sectioning respectively. The microscopic assessment was cross-referenced to morphometry data, gathered from a concurrent histo-anatomical study based on normal 4-mm scalp punches of post-mortem subjects.

It was found that meticulous clinico-pathological correlation rendered alopecia diagnosis accurate and allowed tailored treatment. With 4-mm scalp punches, progress monitoring became possible. The HoVert technique excelled in reporting non-scarring alopecia but was technically demanding. The double punch technique worked in all sorts of alopecia conditions regardless of disease nature, scarring potential and clinical severity. Apart from establishing a locality-specific normal scalp morphometry, the post-mortem histo-anatomical study also clarified the morphometrical aspects of senile alopecia of our population.

Based on the findings of this study, 4-mm scalp punch works in our population and we recommend double 4-mm punches when contemplating alopecia biopsy.





Effect of Biologics on Inflammatory and Metabolic Parameters in Patients with Chronic Plaque Psoriasis

Dr. Stephanie NG

Medical and Health Officer, Social Hygiene Service, Department of Health, Hong Kong

Psoriasis is a chronic systemic immune-mediated inflammatory skin disease and there is well established evidence of its association with metabolic comorbidities and cardiovascular risks. The inflammatory marker C-reactive protein (CRP) has also been well described to be a marker of cardiovascular risks. The question of whether systemic treatment for psoriasis could affect more than the skin has been addressed and there are studies demonstrating the beneficial effect of systemic treatment on CRP and metabolic parameters. In the past decade, the management of psoriasis has been revolutionized with the introduction of biological therapies and there have been plenty of studies that show the efficacy of biologic agents on psoriasis, yet much is still unknown about their impact on CRP and the metabolic profile. Therefore, we conducted a retrospective study on chronic plaque psoriasis patients who received biologics treatment in the Biologics Clinic in the Department of Health. Significant reduction of CRP level and significant increase in body weight and BMI were found at 6 months, 12 months and 18 months of biologics treatment. Our study suggests that biologic agents may successfully reduce the systemic inflammatory burden in severe chronic plaque psoriasis patients shown by the reduction of CRP. However, the body weight increment after biologics should be addressed as this might attenuate the response to biologics. Therefore, regular screening of metabolic and cardiovascular risks, continuous patient education on lifestyle modification, and a holistic approach directing the underlying comorbidities are recommended during the treatment of biologics.

Symposium I: New Fellows' Forum

Sexual Behaviour and Risk Factors Associated with Sexually Transmitted Infections of Elderly Patients Attending Social Hygiene Services in Hong Kong

Dr. On-cheung LAU

Medical and Health Officer, Social Hygiene Service, Department of Health, Hong Kong

Hong Kong is facing the rapid aging of the population. Elderly are particularly susceptible for infectious disease due to the decrease in immunity and underlying chronic disease. In the context of sexually transmitted infections (STIs), there is increasing data showing that sexual risk-taking behaviour is not restricted to young people but also occurs in older people.

Despite this demographic change of the population structure, few attention is drawn to address the sexual behaviour and the risk of STI among the elderly population. The subject of elderly sexual health is still being long neglected and there is absence of public campaign about STIs education or prevention for elderly. In view of the progressive growth of the elderly population and the medical advancement of erectile dysfunction medications, it is expected the numbers of the elderly engaged in sexual activity will increase and STIs among the elderly can be a potential health care problem. There is an important need to assess the sexual behaviour among the elderly and the risk factors associated with STIs. In this cross-sectional study, we aimed at identifying the sexual behaviour and the risk factors associated with casual sex and STIs in elderly patients attending social hygiene services.

A total 341 elderly participants were recruited. Among the participants, 73.3% (N=250) engaged in casual sex within 1 year and most of them 70.4% (N=240) did not have condom use during sexual intercourse. 79.2% (N=270) patients reported to have at least 1 regular partner in the past 3 months and 8.5% reported to have commercial sex worker (CSW) visit within 1 week. Age, marital status-married, working and use of condom were found to be associated with the casual sex behaviour. No single factor was found to be significantly related to the current STIs.

This study provides information on Hong Kong elderly sexual behaviour and factors associated with casual sex and STIs. The results indicated a need to implement education on safe sex with an emphasis on the elderly population and health care professional should be aware of the sexuality of elderly patients in their primary health care setting.





The Big Bang: The Expanding Universe of Therapeutics for Paediatric Skin Disease

Professor Richard ANTAYA

Professor of Dermatology, Pediatrics and Nursing, Yale University School of Medicine, USA

Since the emergence of hydrocortisone, a new intervention for inflammatory skin disease has emerged roughly every 20 years. We welcomed topical calcineurin inhibitors in the early 2000's but today the biologics and JAK inhibitors are the focus of innovation, and we have witnessed more medications for severe inflammatory pediatric skin disease coming to market than ever before.

Regarding biologics, IL-17a and IL12/23 inhibitors have been approved by the FDA for psoriasis down to 6 years of age. IL-4 and IL-13 have been shown to be central to the pathogenesis of AD. Dupilumab, the first biologic approved to treat AD, inhibits both cytokines and is now approved for use in children as young as 6 months. Tralokinumab binds IL-13 and is FDA approved for treatment of adults with AD. FDA submission is anticipated in the next several months.

JAK inhibitors are perhaps the hottest topic in atopic dermatitis. Ruxolitinib cream 1.5% is FDA approved for treatment of mild-to-moderate AD in patients 12 years and older. Upadacitinib is an oral JAK inhibitor approved for use in adolescent and adult AD patients. Both topical and oral JAKs have been associated with development of acne, a fairly important side effect when treating teenagers. Both oral and topical also carry boxed safety warnings.

In the pipeline for pediatric AD are inhibitors of IL-13 and IL-31, as well as the JAK inhibitor baricitinib.

Symposium III: Advances in the Treatment of Hair and Nail Diseases and Chronic Spontaneous Urticaria

Alopecia Areata: A New Understanding of Disease and Treatment

Dr. Brett KING

Associate Professor of Dermatology, Yale University School of Medicine, USA

Laboratory evaluation of patients who present with alopecia areata is common but is typically not necessary. Alopecia areata severity classification has largely been ignored until recently, and the terms alopecia totalis and alopecia universalis may no longer be helpful. Janus kinase (JAK) inhibitors have ushered in a new era in alopecia areata, an era marked by the possibility of reliably effective treatment for severe disease. More than ever before, it is paramount to address these and other clinical challenges and understand current and future treatments of this common autoimmune disease.



Symposium III: Advances in the Treatment of Hair and Nail Diseases and Chronic Spontaneous Urticaria

Bridge the "Gap": Addressing Unmet Medical Needs in Onychomycosis

Dr. Kwun-cheung HAU

Specialist in Dermatology and Venereology, Private Practice, Hong Kong

Onychomycosis of the toenails caused by dermatophytes is a common disease that affects not only cosmetic appearance but also physical and psychological lives of patients. Early medical attention is required to eliminate fungal infection.

In recent years topical azole therapy has been established to be clinically effective for mild-moderate cases. However, there are certain nail presentations and patient groups that are commonly seen in clinical practice which do not yet have a standard treatment recommendation.

In this lecture Dr. Hau presents emerging evidence that addresses these challenges in severe tinea unguium, dermatophytoma, and onychomycosis in elderly and diabetic patients, that may help to inform treatment choice for each individual patient.

Symposium III: Advances in the Treatment of Hair and Nail Diseases and Chronic Spontaneous Urticaria

Chronic Spontaneous Urticaria Disease Burden and Management in Hong Kong

Dr. Philip LI

Division Chief (Academic) and Clinical Assistant Professor, Division of Rheumatology & Clinical Immunology, Department of Medicine, The University of Hong Kong, Hong Kong

Chronic spontaneous urticaria (CSU) is a common disease worldwide with a prevalence of around 1% in Asian populations. CSU has a significant impact on health-related quality of life, affecting performance at school and work and is associated with a high consumption of medical resources, high treatment costs and other direct and indirect costs to society.

Historically, physicians have used H1-antihistamines as the standard of care in CSU. According to the current EAACI/GA2LEN/EDF/WAO guidelines for urticaria, the recommended first and second-line therapies are standard-dosed and up-dosed (up to 4 times the approved dose) second-generation, non-sedating H1-antihistamine, respectively. However, many patients continue to experience CSU signs and symptoms despite taking these treatments, with as many as 60% of patients with CSU not achieving symptom control at approved doses.

Following the mentioned guidelines the goal of treatment is to treat the disease until it is gone and as efficiently and safely as possible aiming at a continuous UAS7 = 0, complete control and a normalization of quality of life.

Locally from our Urticaria Clinic's experience we saw considerable differences in patients' outcomes with appropriate use of third line treatment and significant improvement of disease activity.





Atopic Dermatitis: Revolution in Therapy

Professor Thomas BIEBER

Professor for Dermatology and Allergology, University of Bonn, Germany

Atopic dermatitis (AD) is a common, chronic, relapsing, inflammatory disease with a complex pathogenesis, that manifests as a highly pruritic and painful eruption with significant physical, psychological, and economic burden. Incidence of AD has increased 2- to 3-fold in industrialized nations, impacting approximately 15% to 20% of children and 1% to 3% of adults worldwide.

Although presentation varies, AD is typically characterized by highly pruritic, eczematous, erythematous patches, papules and plaques with excoriations, crusts, and lichenification, most commonly on the flexural areas and the face. There remains a need for additional effective therapies with acceptable safety profiles for long-term use in patients with moderate-to-severe AD that will control clinical symptoms and reduce the burden of disease.

In this lecture, Prof. Bieber will present an overview on AD management strategy and limitations of current therapies with emphasis on systemic therapies. Prof. Bieber will also share clinical data of currently approved AD treatments, including Upadacitinib. He will also share how these AD treatments could help to address key gaps in AD management.

Symposium IV: Advances in the Treatment of Atopic Dermatitis and Psoriasis

Bringing Light for Psoriasis Patients

Professor Wen-hung CHUNG

Director, Department of Dermatology and Drug Hypersensitivity Clinical and Research Center, Chang Gung Memorial Hospital, Taipei, Taiwan

Psoriasis has significant impact on a patient's well-being, involving physical, emotional, psychological and sexual impacts to quality of life. Hence, most psoriasis patients in Taiwan desire complete resolution of skin lesions regardless of manifestation and severity. The three new IL-17 inhibitors, including brodalumab, have played a major positive role in the updated biologic therapies for moderate-to-severe psoriasis. Before introducing IL-17 and IL-23 cytokines, four TNF-α agents and one IL 12/23 agent have been the only biologic drugs approved for Psoriasis worldwide over the past two decades.

Now that we understand that both IL-17 and IL-23 cytokines play an important and significant role in the immunopathogenesis of psoriasis, IL-17 and IL-23 biologic agents have produced more significant PASI-75, PASI-90 and even PASI-100 quality scores than we have ever seen before.

In this discussion of one of the main three IL-17 biologic agents, brodalumab is a monoclonal antibody which binds with high affinity to the interleukin (IL) 17 receptor A. It is used to treat moderate-to-severe plaque psoriasis and is also effective on patients who have lost response or failed to respond to other biological therapies. We will review the significant quality of improvement seen in moderate-to-severe-psoriasis patients, details regarding dosing, as well as the important safety issues of brodalumab as a major first line biologic agent in our Psoriasis population.



Symposium IV: Advances in the Treatment of Atopic Dermatitis and Psoriasis

Choosing the Right Treatment for the Right Patient with Atopic Dermatitis: Experience from Singapore

Dr. Mark TANG

Medical Director and Consultant Dermatologist, The Skin Specialists & Laser Clinic, Mount Alvernia Medical Centre, Singapore

Atopic dermatitis is a highly prevalent chronic, inflammatory skin disease with a significant burden on patients of all ages, their families, and healthcare systems. This sharing session presents clinical experience from my team and myself addressing several clinical questions that arise in the management and care of moderate-to-severe atopic dermatitis with advanced therapies based on the available evidence. Our clinical decisions were grounded from existing guidelines on the treatment of atopic dermatitis, publications concerning new treatments, and expert-based recommendations. Our decisions also include considerations on atopic dermatitis severity, indications for initiating biologic agents or other therapies, parameters to be considered in the treatment choice, particular treatment goals, and recommendations for the use, screening and monitoring of these therapies.

Symposium IV: Advances in the Treatment of Atopic Dermatitis and Psoriasis

The Hidden Patient: What We Really Need to Treat in Atopic Dermatitis

Professor Andreas PINTER

Director, Clinical Research, Department of Dermatology, Venereology, and Allergology, University Hospital Frankfurt am Main, Germany

Atopic dermatitis is associated with lower overall health rating and life satisfaction, impaired quality of life (QoL) related to mental health and skin related QoL, where more than half of all affected adults reported that it limited their lifestyle.

In the lecture, Professor Pinter will review the key clinical data from the Phase 3 Baricitinib trials in the management of moderate-to-severe atopic dermatitis (AD). Look in the recent real-world data and long-term safety of Baricitinib for treating this chronic skin disease. And then use a case-based approach to highlight key benefits for patients with AD using JAK inhibition to bring out the disease impact about atopic dermatitis from patients' perspective.

What will be discussed during the lecture:

- The impact of atopic dermatitis on patients' lives beyond the skin
- What patients want from atopic dermatitis management
- How Olumiant meets short-term, long-term, and adaptable atopic dermatitis control from patients' perspective
- How to translate patient reported outcomes of Olumiant studies into clinical practice
- Real-life Olumiant treatment experience



Symposium V: Drug Allergy, COVID-19 & Sexually Transmitted Infections

Drug Allergy: Choosing the Right Test for the Right Patient

Dr. Elaine AU

Consultant, Division of Clinical Immunology, Department of Pathology, Queen Mary Hospital, Hong Kong

In clinical practice, we often encounter patients labelled with drug allergy history. In standard care, avoidance of suspected allergic items and potential cross reactive medications is advised. The allergy labelling has significant implication, especially for common drugs such as penicillin or multiple allergy labelling, since the restriction of drug choice is lifelong. It is well reported in literature that quite a significant proportion of patients, after careful assessment, that the allergic labelling can be revised.

The gold standard for the diagnosis of drug hypersensitivity is supervised drug provocation tests (DPT). However, DPT involves re-exposing patients to suspected allergens, that can be risky. Moreover, DPT may not be feasible or indicated in every setting. Therefore, proper assessment starting with a comprehensive history taking, followed by dedicated workup and risk stratification is important, before consideration of DPT. In general, approach to drug allergy workup can be broadly divided into immediate and delayed type reactions. Skin tests are important part of the workup. In vitro tests in general has lower sensitivity, however, it helps to complement skin tests in settings when skin test is not feasible or preferred. Moreover, complementary use of these assays may also help to enhance the overall diagnostic yield. Options of in-vitro tests for immediate type hypersensitivity includes specific Immunoglobulin E (SigE) and basophil activation test (BAT), while cell mediated immune response is commonly studied in delayed type hypersensitivity reaction, such as lymphocyte transformation test (LTT) and Enzyme-linked immunospot (ELISPOT) assays. Other assays, such as cytokine release measurement, HLA genotyping, etc have also been applied in the field of drug allergy diagnostic workup.

Symposium V: Drug Allergy, COVID-19 & Sexually Transmitted Infections

Cutaneous Manifestation of COVID-19 Infection, Comorbidities and Prognosis in Hospitalized Patients

Dr. Christina WONG

Division Chief and Honorary Clinical Assistant Professor, Division of Dermatology, Department of Medicine, The University of Hong Kong, Hong Kong

Coronavirus disease (COVID-19) is an infectious disease caused by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). It was first identified in December 2019 in Wuhan, Hubei, China and has resulted in an ongoing pandemic. According to World Health Organization (WHO) Coronavirus (COVID-19) data, as of 24 August 2022, more than 594.4 million cumulative confirmed cases have been reported across 188 countries and territories with more than 6.45 million deaths, while in Hong Kong, there were 330,670 confirmed cases and 9308 (2.81%) reported death in May. With the dynamic infectious control, increasing number of public vaccination and early treatment offered to those at high risk, although the number of cumulative confirmed cases has raised to 1.45 million in the 5th and 6th waves, the incidence of rate actually dropped to 0.66% in August (with cumulative death 9605 cases). The common symptoms include fever, sore throat, cough, malaise, shortness of breath, and loss of smell or taste. While most people have mild symptoms, some develop acute respiratory distress syndrome (ARDS), which is possibly precipitated by cytokine storm, multiorgan failure, septic shock, and death. Increasing evidence showed that rash could be one of the early or sole symptoms in those "asymptomatic" or pauci-symptomatic carriers. Early detection of this "silent" sign and diagnosis is crucial in epidemiology control. As asymptomatic or pauci-symptomatic cases may constitute the source of continuing spread in the community. Various cases of diverse dermatological manifestations of COVID-19 infection have been reported including maculopapular, urticarial, livedo reticularis, pernio/ chilblain, vasculitis, vesicular and papulo-necrotic eruption. The incidence of cutaneous manifestations in COVID-19 patients varies in different case series, possibly due to the under-recognition of those asymptomatic or pauci-symptomatic cases, ranging from 0.2% to 20.4%. It has also been suggested that patients with a rash may have a better prognosis due to mounting sufficient immunity in the body to fight against the virus. Whether there is a direct relationship between skin manifestations, viral load, and comorbidities and the clinical outcome remains unknown. According to the Public health ordinance in Hong Kong, all patients who tested positive for COVID-19 were required for admission to the hospital for quarantine regardless of symptoms in the early phase of pandemic. The incidence rate, pattern of clinical and cutaneous manifestations among COVID-19 infected hospitalized patients in a tertiary centre and its association with viral load, comorbidities, and prognosis will be presented and discussed.



Symposium V: Drug Allergy, COVID-19 & Sexually Transmitted Infections

Updates in the CDC STI 2021 Guidelines

Dr. William NGAN

Specialist in Dermatology and Venereology, Private Practice, Hong Kong

Medicine is an everchanging science and so is the field of sexually transmitted diseases. As more knowledge accumulates and changes in pathogen behavior becomes more common, there is a need for guideline update. The United States Centers for Disease Control and Prevention has updated its 2015 guidelines to a newer one in 2021. In this lecture, the speaker will discuss with the audience the salient changes involved.

Acknowledgements

The Council of the Hong Kong Society of Dermatology and Venereology would like to extend their heartfelt thanks to the following sponsors for the supports to the meeting.

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ATOPIC DERMATITIS

in adults and adolescents 12 years and older who are candidates for systemic therapy¹

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Clinically proven to improve erythema and xerosis^{3*}



80% improvement in itch score3*



90% of mild-moderate AD patients achieved PGE improvement^{3*}



No serious adverse effects reported³

*p≤0.001 vs control arm.

Study design²: A single-center, randomized, double-blind controlled study evaluated the efficacy and safety of Relizema¹¹ Cream twice daily vs vehicle for 21 days in patients suffering from mild to moderate AD. Patients aged \geq 18 years with AD grading sore of 3-5 according to Rajka and Langeland's criteria and cutaneous surface involvement <20% were included (n=20 per group). Patients were excluded if they had skin diseases other that AD, topical treatment in the last ten days, administered systemic anti-histamine, NSAIDs and corticosteroids in the last 2 weeks. Study endpoints were the improvement in signs and symptoms, as measured by PGE of clinical response, and patients reported severity of pruritus according to VAS.

Indications: Relizema™ cream is indicated for the treatment of itching and flushing associated with dermatitis, including atopic and contact dermatitis. Due to its dermaprotective action it helps in maintaining and restoring the physiological skin barrier. Directions for use: Apply Relizema™ cream on the affected area two or three times a day as needed. For external use only. Avoid contact with eyes and the mucosa. In case of contact, rinse with plenty of water. Do not use in the event of hypersensitivity to one of the ingredients. Store below 25°C, away from direct heat. Contraindications/Undesired effects: Biocompatibility studies have shown no contraindications or undesired effects. If either occurs, consult physician or pharmacist.

AD: Atopic dermatitis. NSAIDs: Non-steroidal anti-inflammatory drugs. PGE: Physician's Global Evaluation.

References: 1. Nemelka O, Bleidel D, Fabrizi G, et al. Experimental survey of a new topical anti-oxidant based on furfuryl palmitate in the treatment of child's and baby's dermatitis with eczema: results from a multicenter clinical investigation. Minerva Pediatr. 2002;54:465-474. 2. Pigatto PD & Diani M. Beneficial effects of antioxidant furfuryl palmitate in non-pharmacologic treatments (prescription emollient devices, PEDs) for atopic dermatitis and related skin disorders. 2018;83:339-347. 3. Pigatto PD, Lauriola MM, Vaccari G. A. single-center, randomized, duble-blind, perspective, controlled study of efficacy and safety of a furpalmate-containing cream versus vehicle in the treatment of 40 adult patients with mild to moderate atopic dermatitis. In: Poster session 20th EADV Congress, 20–24 October 2011, Lisbon, Portugal.



Experience FAST-ACTING, LONG-LASTING and

NON-SEDATING protection from allergies 1-4,*



FAST-ACTING



Onset of action within 1 hour1,t

LONG-LASTING



Sustained symptom relief for > 24 hours^{2,†}

NON-SEDATING



One of the least sedating among second generation antihistamines4,†

WELL-TOLERATED



No signs of cardiotoxicity with even up to 4-fold the standard dose5,t,‡

Labixten® 20mg Tablet



For adults and adolescents aged ≥12 years⁶

Labixten® 10mg Orodispersible Tablet



For children aged 6-11 years with a body weight of at least 20 kg⁷



- *For the treatment of allergic rhino-conjunctivitis (seasonal and perennial) and urticaria^{6,7}.
- Based upon adult studies.
- For children 6 to 11 years of age with a body weight of at least 20 kg, the standard dose is 10 mg Labixten® (1 orodispersible tablet) once daily; For adults and adolescents aged ≥12 years, the standard dose is 20 mg Labixten® (1 tablet) once daily

ARIA=Allergic Rhinitis and its Impact on Asthma. EAACI=European Academy of Allergy and Clinical Immunology.

References: 1. Horak F, et al. Inflamm Res. 2010;59:391-398. 2. Mösges R, et al. Asia Pac Allergy. 2016;6:56-66. 3. Kuna P, et al. Clin Exp Allergy. 2009;39:1338-1347. 4. Kawauchi H, et al. Int J Mol Sci. 2019;20:213. 5. Cataldi M, et al. Clin Exp Allergy. 2019;49:1615-1623. 6. Labixten® (20 mg) Hong Kong prescribing information. 7. Labixten® (10 mg) Hong Kong prescribing information. 8. Bousquet J, et al. Curr Med Res Opin. 2012;28:131-9.

LABIXTEN 20 mg Tablets and 10mg Orodispersible Tablets

Indications: Symptomatic treatment of allergic rhino-conjunctivitis (seasonal and perennial) and urticaria. Dosage and administration: Children (6-11 years of age with a body weight of at least 20kg): 10 mg once daily, Adults and adolescents (≥12 years of age): 20 mg once daily, 1 hour before or 2 hours after intake of food or fruit juice. Contra-indications: Hypersensitivity to the active substance or to any of the excipients. Precautions: Efficacy and safety of bilastine in children under 2 years of age have not been established and there is little clinical experience in children aged 2 to 5 years, therefore bilastine should not be used in these age groups. There is little experience in patients above the age of 65. Avoid coadministration of bilastine and P-qlycoprotein inhibitors in patients with moderate or severe renal impairment. Caution in interaction with food, grapefruit juice, ketoconazole/erythromycin and diltiazem. As there are no or limited amount of pregnancy data, it is preferable to avoid use during pregnancy as a precautionary measure. Undesirable effects: Most commonly reported adverse reactions (ADRs) during clinical trials: headache, somnolence, dizziness, and fatigue. Common ADRs reported: Somnolence; headache. Uncommon ADRs reported: Oral herpes; increased appetite; anxiety; insomnia; tinnitus; vertigo; right bundle branch block; sinus arrhythmia; ECG abnormalities; dizziness; dyspnoea; nasal discomfort; nasal dryness; upper abdominal pain; abdominal pain; nausea; stomach discomfort; diarrhoea; dry mouth; dyspesia; gastritis; fatigue; thirst; pyrexia; asthenia. For further information consult full prescribing information. Apr 2020

For Healthcare Professionals Only











HZ = Herpes zoster *HZV=Herpes zoster vaccine ^Efficacy in adults aged 50 years or above



The US CDC Recommends SHINGRIX As The Preferred Vaccine For The Prevention Of Shingles¹



Indication: SHINGRIX is indicated for prevention of herpes zoster (HZ) and post-herpetic neuralgia (PHN), in adults 50 years of age or older; and adults 18 years of age or older. increased risk of HZ. The use of Shingrix should be in accordance with official recommendations.

Safety information: SHINGRIX is for intramuscular injection only, preferably in the deltoid muscle. The vaccine is given as a 2-dose series. The second dose can be administered as soon as 2 months after the first dose (and if necessary, anytime between 2-6 months). In adults aged 50 years or above, the most frequently reported adverse reactions include pain at the injection site, myalgia, fatigue and headache. Most of these reactions were not long-lasting. In adults 18 years or above who are immunodeficient or immunosuppressed due to disease or therapy (referred to as immunocompromised (IC)), the safety profile was consistent with that observed in adults 50 years and above. There are limited data in adults aged 18-49 years at increased risk of HZ who are not IC.

Abbreviated Prescribing Information

Name of the Medicinal Product: Shingor vaccine powder and suspension for suspension for injection. Herpes zoster vaccine (recombinant, adjuvanted) Qualitative and Quantitative Composition: After reconstitution, 1 dose (0.5 ml) contains 50 micrograms of glantigen adjuvanted with ASOIB, Varicella Zoster Virus (VZV) glycoprotein E (gE) produced by recombinant DNA technology in Chinese Hamster Ovarian (CHO) cells. The GlaxoSmithKline proprietary ASOIB Adjuvant System is composed of the plant extract Quillaja saponaria Molina, fraction 21 (QS-21) (50 micrograms) and 3-O-desacyl-4--monoshophoryl lipid a (MPL) from Salmonella minnesota (50 micrograms) indications: Shingrak is indicated for prevention of herpes zoster (Hz) and post-herpetic neuralgia (PHN), in adults of the post-herpetic neuralgia (PHN), i

References: 1. Centers for Disease Control and Prevention. MMWR, 2018 Jan;67(3):103-8. 2. GSK. SHINGRIX Hong Kong Prescribing Information GDS04. 3. MSD Live-attenuated Zoster Vaccine Product Circular.

For adverse event reporting, please call GlaxoSmithKline Limited at (852) 3189 8989 (Hong Kong) [or (853) 2871 5569 (Macau)], or send an email to us at HKAdverseEvent@gsk.com. Please read the full prescribing information prior to administration. Full Prescribing Information is available upon request at GSK, 23/F, Tower 6, The Gateway, 9 Canton Road, Tsim Sha Tsui, HK.

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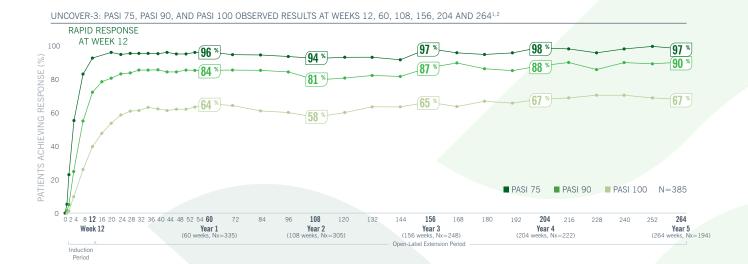
Completely Clear Skin.



Sustained + Rapid

Sustained skin clearance over 5 years of treatment¹

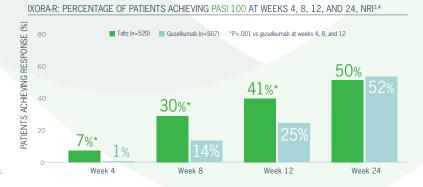
Nearly 7 out of 10 patients achieved or maintained PASI 100 through week 264



Complete, superior and rapid clearance^{3,4}

Taltz was superior to guselkumab in providing complete skin clearance (PASI 100) at weeks 4, 8, and 12

NRI = Non-responder imputation. Nx = observed population. PASI = Psoriasis Area Severity Index.



1. Blauvelt A, et al. Long-term efficacy and safety of ixekizumab: A 5-year analysis of the UNCOVER-3 randomized controlled trial [published online ahead of print, 2020 Nov 28], J Am Acad Dermatol. 2020;S0190-962(20)33053-X. 2. Lebwohl MG, et al. Ixekizumab sustains high level of efficacy and favourable safety profile over 4 years in patients with moderate psoriasis: results from UNCOVER-3 study. J Eur Acad Dermatol Venereol. 2020;34:301-309. 3. Data on file [t_ pasi_resp_ nri_itt_db]. Eli Lily and Company; 2020. 4. Blauvelt A, et al. A head-to-head comparison of ixekizumab vs. guselkumab in patients with moderate-to-severe plaque psoriasis: 12-week efficacy, safety and speed of response from a randomized, double-blinded trial. B-I Dermatol. 2020;182:1348-1358.

Taltz Abbreviated Prescribing Information
Indications: Plaque psoriasis - Taltz is indicated for the treatment of moderate to severe plaque psoriasis in adults who are candidates for systemic therapy. Psoriatic arthritis - Taltz, alone or in combination with methotrexate, is indicated for the treatment of active psoriatic arthritis in adult patients who have responded inadequately to, or who are intolerant to one or more disease-modifying anti-rheumatic drug (DMARD) therapies. **Dosage: Plaque psoriasis** - Recommended dose is 160 mg by subcutaneous injection (two 80 mg injections) at Week 0, followed by 80 mg (one injection) at Weeks 2, 4, 6, 8, 10, and 12, then maintenance dosing of 80 mg (one injection) every 4 weeks. **Psoriatic arthritis** - Recommended dose is 160 mg by subcutaneous injection (two 80 mg injections) at Week 0, followed by 80 mg (one injection) every 4 weeks thereafter. For psoriatic arthritis patients with concomitant moderate to severe plaque psoriasis, the recommended dosing regimen is the same as for plaque psoriasis. No data are available in children and adolescent \leq 18 years and limited information in subjects \ge 75 years. **Contraindications**: Serious hypersensitivity, Clinically important active infections. **Special Precautions**: Infections, hypersensitivity, inflammatory bowel disease, immunization. Pregnancy, breast-feeding, fertility. Adverse Reactions: Injection site reactions, upper respiratory tract infections, tinea infection, oropharyngeal pain, nausea.

Please see Important Safety Information in the full prescribing information. Please see Instructions for Use included with the device

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Olumiant is

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for moderate to severe atopic dermatitis (AD)



Once-daily tablet

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The **FIRST** JAK inhibitor indicated for adult AD patients who are uncontrolled on topicals alone.1



Olumiant in combination with TCS decreased ITCH as early as DAY 22**

Consider a once-daily oral medication for those patients whose lives are still impacted by AD.

OLUMIANT* (baricitinib) Abbreviated Prescribing Information
Therapeutic indications: Rheumatoid Arthritis: OLUMIANT is indicated for the treatment of moderate to severe active rheumatoid arthritis in adult patients who have responded inadequately to, or who are intolerant to one or more disease-modifying anti-rheumatic drugs. OLUMIANT may be used as monotherapy or in combination with methotrexate. Atopic Dermatitis: OLUMIANT is indicated for the treatment of moderate to severe atopic dermatitis in adult patients who are candidates for systemic therapy. Recommended dose: The recommended dose of OLUMIANT is 4 mg once daily a dose of 2 mg once daily is appropriate for patients such as those aged > 75 years and may be appropriate for patients with a history of chronic or recurrent infections. A dose of 2 mg once daily may also be considered for patients who have achieved sustained control of disease activity with 4 mg once daily and are eligible for dose tapering. Contraindications: Known hypersensitivity to the baricitation or any of the excipients. Pregnancy. Special precaution: Caution in patients with chronic, active orrecurrent infections, monitor if infection develops: interrupt if not responding to treatment. Screen for tuberculosis, do not give if active; treat first if latent. Avoid or interrupt OLUMIANT with abnormal blood cell levels, lipids and liver enzymes. Use with live voices not recommended. The risk of malignancies including lymphoma is increased in patients with rheumatoid arthritis, OLUMIANT clinical data are insufficient to assess potential incidence of malignancies. Caution in patients with risk factors for deep venous thrombosis or pulmonary embolism, consider VTE prophylaxis. Use with bDMARD or other JAK is not recommended. Caution in patients with diverticular diseases and especially in patients, chronically treatment medications associated with an increased risk of diverticulitis. Adverse reaction: Very common: upper respiratory tract infections, hypercholesterolaemia. Common herpes zoster

*1 day after initiating Olumiant; † Daily data were taken from patient diaries. The percent change from baseline in Itch NRS at 2 days was another secondary endpoint that was prespecified but not adjusted for multiplicity.

References: 1. Hong Kong Olumiant Prescribing Information. 2. JAMA Dermatol. 2020;156(12):1333-1343.

Please see Important Safety Information in the full prescribing Information.

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Your recommendation can make the difference to their eczema-prone skin



Cleansing Foam

- Protect the skin from drying out and relieve irritation4
- Immediately increases skin hydration and sustained for 8 hours⁵



Moisturizing Cream

- Restore the skin barrier
 - 24h skin barrier protection
 - Protects skin irritation occurrence³



Moisturizing Foam

- Break the itch-scratch cycle
 - Relief from itch and dryness¹
 - Sustained soothing and calming effect²

 $\mathbf{SymCalmin}^{\mathbf{8}}$ is a solution of a synthetic avenanthramide that is used as an anti-irritant/anti-itch with anti-histaminic properties. Avenanthramides are responsible for anti-inflammatory/anti-itchj properties.

Cetaphil® PRO AD Dermo



Skin Restoring Wash

- Help soothe itch and reduce redness, dryness and irritation⁶
 - Significantly decrease burning, stinging and scaling⁶



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- Help restore skin barrier function⁶
 - Improve surface hydration⁶
 - Provide long-lasting hydration⁶

Filaggrin break down products restore moisture to help rebuild the damaged skin barrier.6 Ceramide precursors help replenish the skin's natural ligids.6

References: 1. Galderma. Formulation claim. 2. Galderma. Data on file (RD.03.SPR.105653). 3. Galderma. Data on file (RD.03.SPR.105328). 4. Galderma. Data on file (DCC13W019). 5. Galderma. Data on file (DCC13W031GR1). 6. Proksch E et al. Skin lipids and epidermal differentiation in atopic dermatitis.

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The next generation topical retinoid for facial and truncal acne 1,2

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AKLIEF[®] Cream contains the retinoid molecule trifarotene, which specifically targets RAR-γ, the most common retinoic acid receptor in the skin.¹

1. Aubert J, et al. Br J Dermatol 2018;179(2):442–56; 2. Tan J, et al. J Am Acad Dermatol 2019;80(6):1691–99

Success Demands Precision

Aklief® API

Composition: one gram of cream contains: Trifarotene 50 mcg. For the full list of excipients, see section 6.1 of SmPC. Therapeutic indications: cutaneous treatment of Acne Vulgaris of the face and/ or the trunk in patients from 12 years of age and older, when many comedones, papules and pustules are present. Posology: Apply a thin layer of Aklief cream to the areas of the face and/or trunk once a day, in the evening, on clean and dry skin. Contraindications: Hypersensitivity to the active substance or to any of the excipients listed in section 6.1 of SmPC, pregnancy, and women planning a pregnancy. Special warnings and precautions for use: Erythema, scaling, dryness, and stinging/ourning may be experienced with use of Aklief cream. To mitigate the risk of such reactions, patients should be instructed to use a moisturizer from the initiation of treatment, and, if appropriate, reduce the frequency of application of Aklief cream, or suspend use temporarily. Despite mitigation measures, if severe reactions persist the treatment may be discontinued. The product should not be applied to cuts, abrasions, eczematous or sunburned skin. As with other retinoids, use of "waxing" as a depilatory method should be avoided on skin treated with Aklief. If a reaction suggesting sensitivity to any component of the formula occurs, the use of Aklief should be discontinued. Caution should be exercised if cosmetics or acne medications with desquamative, irritant or drying effects are concomitantly used with the medicinal product, as they may produce additive irritant effects. Aklief should not come into contact with the eyes, eyelids, lips, or mucous membranes. If the product enter the eye, wash immediately and abundantly with luke warm water. Excessive exposure to sunlight, including sunlamps or phototherapy should be avoided during the treatment, Use of a broad-spectrum, water-resistant sunscreen with a Sun Protection Factor (SPF) of 30 or higher and protective clothing over treated areas is recommended when exposure cannot be avoi





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PASI: Psoriasis area and severity index

References: 1. Puig L. Drugs Today (Barc.), 2017;53:283-297, 2. Yao MPH, et al. J Drugs Dermatol, 2019;18:229-233, 3. BlauveltA, et al. J Am Acad Dermatol, 2017;77:372-374.4. Lebwohl MG, et al. Am J Clin Dermatol, 2019;20:863-871, 5. Menter A, et al. J Am Dermatol, 2019;80:1029-1072.

LUMICEF® Abbreviated Prescribing Information
Composition:Brodalumab, Indications: Psoriasis vulgaris that respond inadequately to existing therapies, Precautions related to indications: Administer to any of the following patients: i) patients who responded inadequately to phototherapies or other existing systemic therapies (except biologics) and who have skin eruptions over 10% or more of the body surface area; ii) patients who have intractable skin eruptions. Dosage and Administration: Adults>: administer subcutaneously 210 mg as brodalumab (genetical recombination) in the first dose, followed by doses at 1 week later, 2 weeks later, and once every 2 weeks thereafter, Contraindications: Serious infection, active tuberculosis, history of hypersensitivity to any of the ingredients of Lumicef. Precautions: Infections or suspected infections, history of tuberculosis, depression or with such a history, history of suicidal ideation or suicidal attempt, active Crohn's disease, pregnancy & lactation, children, elderly, malgnant tumors, avoid live vaccines, avoid other biologics. Clinically significant adverse reactions: Serious infection, neutrophil count decreased, serious hypersensitivity. P/P: Inj (pre-filled syringe): 210 mg /1.5 mL Approved version of package insert: Oct 2018.
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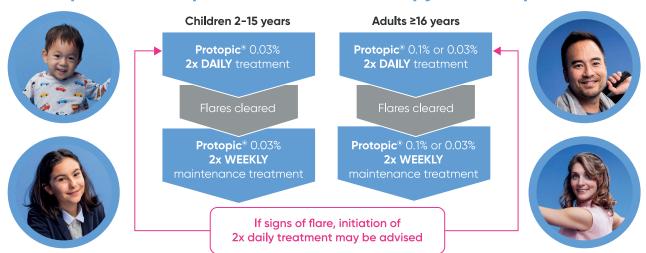






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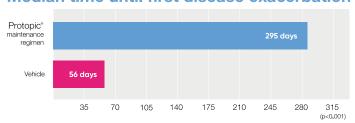


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The median time to the first disease exacerbation requiring substantial therapeutic intervention was significantly longer for patients on Protopic® maintenance regimen.

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Median time until first disease exacerbation



Adapted from Thaci D et al. Br J Dermatol 2008; 159:1348-1356



Scan to view Protopic® Prescribing Information Illustrative patient profile, not actual patient

1. Eichenfield LF et al. JAAD. 2014 Jul;71(1):116-32.

Ring J et al. JEADV. 2012; Aug;26(8):1045-60.
 Thaci D et al. Br J Dermatol 2008; 159:1348–1356.

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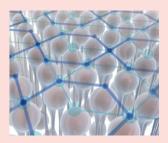


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Palmitamide MEA (PEA) $^{\pm}$: naturally occurring fatty acid. To help rapidly soothe and relieve skin that is very dry, irritated and reactive



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76%* reduction in itch associated with dry skin

*mean subject rating (n=45) versus baseline after 1 hour

After 1 hour of 1st application1

73% reduction in skin irritation associated with dry skin

**mean subject rating (n=45) versus baseline after 1 hour

After 4 weeks of application¹

85% reduction in skin irritation associated with dry skin

***mean subject rating (n=45) versus baseline after 4 weeks' twice daily use

[±] PEA, palmitoylethanolamide

Cosmetic study to investigate the safety, acceptability and efficiency of M0338 in subject with moderately dry to very dry skin with signs and symptoms of redness, irritation, inflammation or itch.



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Antibiotic

Antibiotic





Nasal Decongestant /







Antipruritic





















10mg

20ma

Only Oratane offers you a complete range of strengths

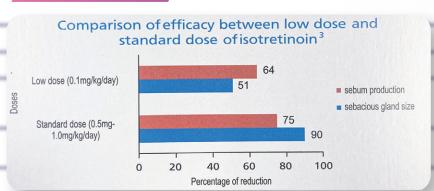
For better titration, management and results

"Oral isotretinoin monotherapy remains the gold-standard treatment for severe acne"

"New developments and future trends represent low-dose long-term isotretinoin regimens"

Benefits of low dose (0.1mg / kg / day) isotretinoin:

Efficacy maintained:



Note:

The low dose treatment in this study only lasted for 6 months, however since isotretinoin is based on cumulative dosage, improvements can be seen as greater if the duration of therapy was longer (e.g. 9 months)

- High success rate 93.9% complete remission or substantial improvement⁴
- Low relapse rate (3.9%) 5
- Generally well tolerated 6.4% discontinued with treatment due to side effects⁴
- Cost effective

- 1. Edileia Bagatin Oral isotretinoin: the most promising dermatological off-label uses. Expert Rev.Dermatol.5(6),617-626(2010)
- 2. Zouboulis C.C, Piquero- Martin J. Update and Future of Systemic Acne Treatment. Dermatology 2003;206:37-
- 3. Geissler SE, Michelsen S, Plewig G: Very low dose isotretinoin is effective in controlling seborrhea. J Dtsch Dermatol Ges. 2003 Dec; 1 (12):952-8.
- 4. Gan, Koh, Jin et al: Isotretinoin is safe and efficacious in Asians with acne vulgaris. Journal of Dermatological treatment. 2012; Early online: 1-5
- 5. Amichai, Shemer, Grunwald: Low- dose isotretinoin in the treatment of acne vulgaris. J Am Acad Dermatol 2006;54:644-6













Psoriatic disease is deeper than skin Start early with **The Complete** Cosentyx Approach™

Psoriatic disease may be progressing inside the body, even if the skin looks clear.¹ With The Complete Cosentyx Approach™, you can address the underlying cause of the disease—and decrease systemic inflammation.2



Fast and sustained long-term efficacy in skin and persistent troublesome areas³⁻⁶



Helps prevent future irreversible joint damage.7 Joint relief for patients with PsA, including Axial symptoms8



Fast and significant improvement in quality of life4,9

Make Cosentyx your priority for improving patient outcomes

Indications

◆ Adult plaque psoriasis: Cosentyx is indicated for the treatment of moderate to severe plaque psoriasis in adults who are candidates for systemic therapy. ◆ Psoriatic arthritis: Cosentyx, alone or in combination with methotrexate (MTX), is indicated for the treatment of active psoriatic arthritis in adult patients when the response to previous disease-modifying anti-rheumatic drug (DMARD) therapy has been inadequate. • Axial spondyloarthritis (axSpA): Ankylosing spondylitis (AS, radiographic axial spondyloarthritis) Cosentyx is indicated for the treatment of active ankylosing spondylitis in adults who have responded inadequately to conventional therapy. Non-radiographic axial spondyloarthritis (nr-axSpA) Cosentyx is indicated for the treatment of active non-radiographic axial spondyloarthritis with objective signs of inflammation as indicated by elevated C-reactive protein (CRP) and/or magnetic resonance imaging (MRI) evidence in adults who have responded inadequately to non-steroidal anti-inflammatory drugs (NSAIDs).¹⁰

*The Complete Cosentyx Approach[™] is defined as efficacy in both skin and persistent psoriasis manifestation in nails, scalp, palms, and soles, as well as psoriatic arthritis; controls irreversible structural damage (PsA) and improves quality of life.

PsA=psoriatic arthritis.

References: 1. Duffin KC et al. Dermatology 2021;237(1):46-55. 2. Krueger J et al. 24th World Congress of Dermatology. 10-15 June 2019; Milan, Italy. Poster 505. 3. Langley RG et al. N Engl J Med. 2014;371(4):326-338. 4. Bissonnette R et al. J Eur Acad Dermatol Venereol. 2018;32(9):1507-1514. 5. Reich K et al. Br J Dermatol. 2019;181(5):954-966 6. Reich K et al. J Eur Acad Dermatol Venereol. 2020;34(6):1101-1173. 7. Novartis data on file. CAIN457F2342 (FUTURE 5): Week 104 Interim Report. April 2019. 8. Baratiakos X et al. Ann Rheum Dis. 2021;80(5):582-590. 9. Strober B et al. J Am Acad Dermatol. 2017;76(4):655-661. 10. Cosentyx Hong Kong Prescribing Information. Mar 2021.

Important note: Before pescribing, consult full prescribing information. Presentations: Secukinumab. Solution for subcutaneous injection in pre-filled syringe or pre-filled pen contain 150 mg or 300 mg of secukinumab. Indications: Plaque psoriasis cosenty, is indicated for the treatment of active psoriatio arthritis in adult patients when the response to previous disease mortlying and the unation drug (DMARD) therapy has been inadequate. Axial spondyloarthritis (asSpA): Anjoising spondylitis (AS, radiographic axial spondyloarthritis) Cosenty, is indicated for the treatment of active enalyoising spondylitis in adults who have responded inadequately to conventional therapy. New responded inadequately to conventional therapy. New radiographic axial spondyloarthritis (assessment) in adults who have responded inadequately to conventional therapy. New responded inadequately to non-steroidal and in-inflammatory drugs (NSAIDs). Dosage and administration: <u>Dosage Plaque psorials</u> is not with a subcommended dose is 300 mg by subcutaneous injection of 150 mg or one subcutaneous in

The materials for Cosentyx contained in virtual exhibition are approved for use only in Hong Kong. Prescribing information may vary depending on local approval in each country/location. Before prescribing any product, always refer to local materials such as the prescribing information the Summary of Product Characteristics (SPC).





*適用於對其他外用處方治療沒有充分反應,或不適用的輕度至中度異位性皮膚炎患者。

參考資料:1. Elidel® (pimecrolimus) Prescribing Information. Version April 2020. 2. Luger T, et al. Recommendations for pimecrolimus 1% cream in the treatment of mild-to-moderate atopic dermatitis: from medical needs to a new treatment algorithm. Eur J Dermitol. 2013,23(6):758-766. 3. Jensen JM, et al. Different effects of pimecrolimus and betamethasone on the skin barrier in patients with atopic dermatitis. J Allergy Clin Immunol. 2009;123(5):1124-33. 4. Ashoff R, et al. Skin physiological parameters confirm the therapeutic efficacy of pimecrolimus cream 1% in patients with mild-to-moderate atopic dermatitis. Exp Dermatol. 2009; 18(1)24-9.

VIATRIS

暉致

ELIDEL SUMMARY OF PRODUCT INFORMATION: 1. TRADE NAME: ELIDEL CREAM 1% 2. PRESENTATION: Each gram of Elidel cream 1% contains 10 mg of pimecrolimus in a whitish cream base of benzyl alcohol, citric acid, mono- and di-glycerides, oley alcohol, propylene glycol, sodium entoxics, stearyl alcohol, medium chain trigkycerides and water. 3. INDICATIONS: Second-line therapy for the short-term and non-continuous chronic treatment of mild to moderate atopic dermatitis (eczema) in nonimmunocompromised adults and children 2 years of age and older; Intermittent long-term treatment of emerging and resolving lesions in atopic dermatitis where the use of a topical corticosteroid is not yet warranted, no longer needed, or is inadvisable. 4. DOSAGE Apply a thin layer of Elidel 1% to the affected skin twice daily and rub in gently and completely. Elidel 1% cream may be used on all skin areas, including the head and face, neck, and intertriginous areas. 5. CONTRAINDICATIONS: History of hypersensitivity to pimecrolimus or any of the components of the cream. 6. WARNINGS & PRECAUTIONS: Elidel should only be applied to areas affected by acute cutaneous viral infections, cutaneous pre-malignant changes caused by excessive sun exposure or phototherapy, or to areas where skin cancers have been removed. Elidel 1% cream is not recommended in patients with Netherton's syndrome or severely inflamed or damaged skin, and in immunocompromised patients. Use an appropriate antimicrobial agent in the presence of dermatological bacterial or fungal infection, discontinue Elidel 1% cream with Netherton's syndrome or severely inflamed or damaged skin, and in immunocompromised patients. Use an appropriate antimicrobial agent in the presence of dermatological bacterial or fungal infection, discontinue Elidel 1% cream with elidel cream. Avoid contact with elidel may be associated with an increased risk of eczema herpeticum, evaluate the risks and benefits associated with the use of Elidel cream. Avoid exposure to the sun of skin areas treated with Elidel