

Barcelona, March 30th 2022

#### **OTHER RELEVANT INFORMATION**

# Presentation of 16 weeks data for Lebrikizumab ADvocate 1 & 2 Phase 3 studies: Webcast with analysts and institutional investors

In accordance with Securities Markets Law, Almirall, S.A. ("Almirall") announce the following:

We will webcast a conference call with analysts and institutional investors on the 30<sup>th</sup> March 2022 at 16.00 CET regarding the presentation of 16 weeks data for Lebrikizumab ADvocate 1 & 2 Phase 3 studies.

The event will be live streamed at <a href="www.almirall.com">www.almirall.com</a> and the complete recording will be available today on the same webpage.

Find attached below the presentation.

Yours sincerely,

Pablo Divasson del Fraile Investor Relations Department investors@almirall.com



Lebrikizumab ADvocate 1 & 2 16 week data

30th March 2022



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30th March 2022







Introduction



## Dermatology, an attractive medical and commercial space

#### Atopic dermatitis market potential analog to Psoriasis market



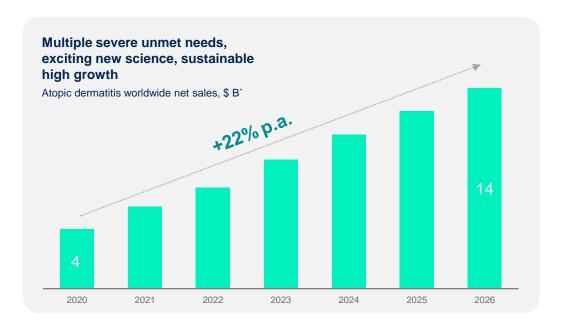
Atopic dermatitis (AD) is an underserved and growing market.



AD market is growing at 22% CAGR. Our innovative product Lebrikizumab is on track for a 2023 potential EU approval, with new biologics becoming the standard of care.



Large AD market opportunity is driven by the advent of new systemic therapies in context of a large prevalent population with substantial unmet need.



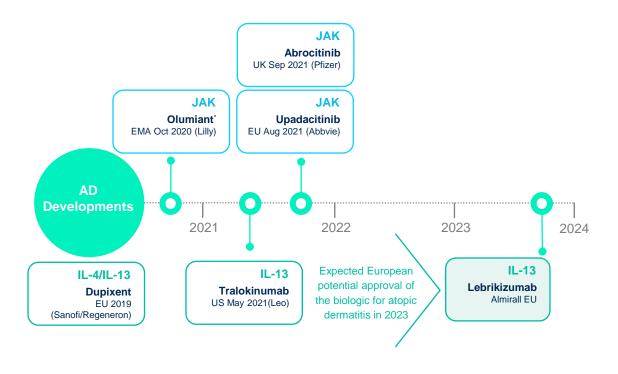




## Developments in the AD market

#### Lebrikizumab to be the third biologic to market









## Compelling profile

Primary & all key secondary endpoints met in pivotal phase 3 studies

## Compelling efficacy profile:

significant improvements with >50% of people treated achieved at least 75% improvement in overall disease severity (EASI-75) at week 16.

## Clinically meaningful improvements

in itch and other important patient-reported outcomes achieved as compared to those patients taking placebo.

#### Fast onset of action

with Lebrikizumab rapidly improved skin and itch symptoms within four weeks.

## Phase 3 study confirms

Lebrikizumab may potentially offer a compelling combination of efficacy and safety.





# Lebrikizumab: Statistically significant improvements in skin clearance and itching versus placebo

Improvements in interference of itch on sleep and quality of life



Lebrikizumab delivered rapid improvements in skin clearance, itch and quality-of-life measures for those with moderate-to-severe atopic dermatitis.



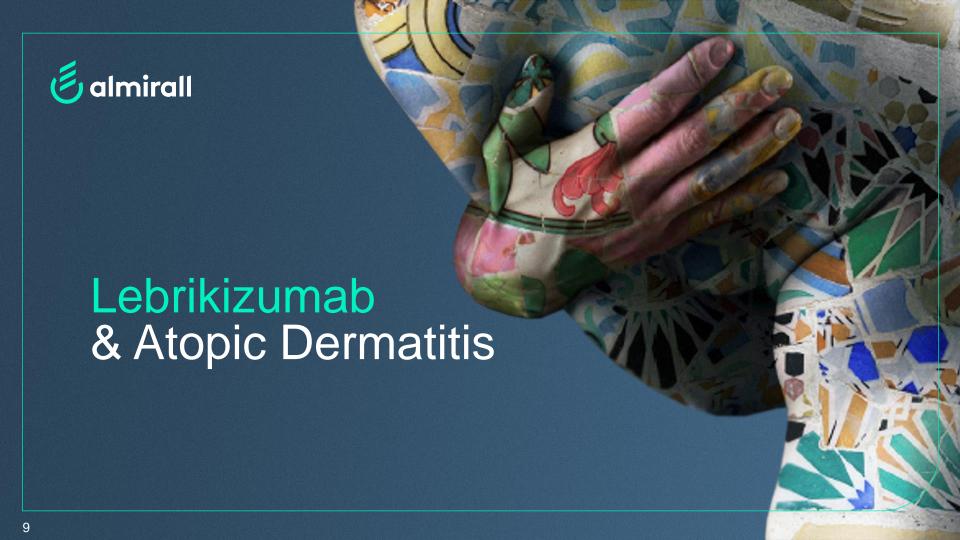
Data reinforce our belief that Lebrikizumab represents the new generation of biologics in atopic dermatitis.



We believe 52-week results from ADvocate 1 & 2 will further highlight that Lebrikizumab can provide much needed relief for people who struggle from this chronic life-long disease.







# AD is a chronic, inflammatory skin disease characterized by intractable pruritus

Atopic dermatitis is a chronic, relapsing skin disease characterized by intense itching, dry skin and inflammation that can be present on any part of the body.<sup>1</sup>



AD is a heterogeneous disease both biologically and clinically and may be characterized by a highly variable appearance in which flares occur in an unpredictable manner.<sup>1</sup>



Like other chronic inflammatory diseases, AD is immune-mediated and involves a complex interplay of immune cells and inflammatory cytokines.<sup>2</sup>



Moderate-to-severe AD is characterized by intense itching, which leads to an itchscratch cycle that further damages the skin.<sup>3</sup>



People living with AD often report symptoms of intense, persistent itch which can be so uncomfortable that it can affect sleep, daily activities and social relationships.



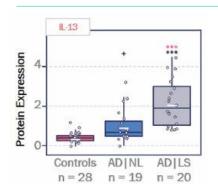
Atopic dermatitis is an underserved and growing market

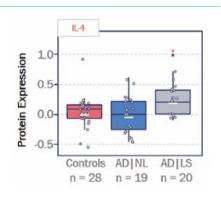


## IL-13 is the key driver of TH2 inflammation in Atopic Dermatitis

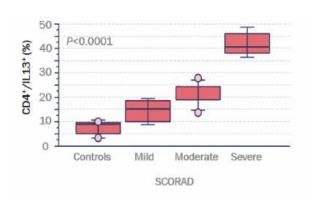
- 1 IL-13 has a dominant role in lesional skin of AD patients and correlates with AD severity<sup>1,2</sup>
- 2 IL-4 was nearly undetectable in lesional skin<sup>2,3</sup> and its therapeutic relevance in AD is unclear<sup>4,5</sup>

#### IL-13 vs IL-4 expression in skin





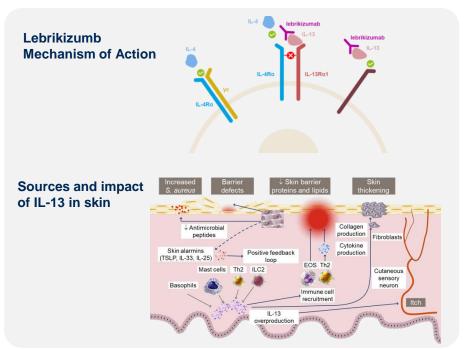
#### **IL-13** expression correlates with disease severity







## Lebrikizumab binds to IL-13 with high affinity

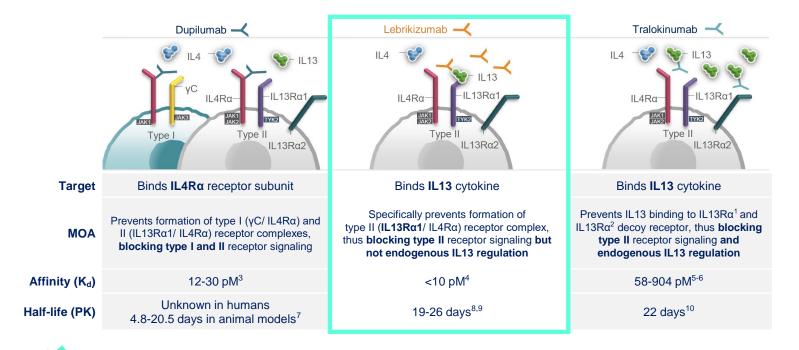


- Lebrikizumab prevents the signaling of IL-13 through the heterodimeric receptor (IL-4Ra/IL-13Ra1)<sup>1,2</sup>.
- Lebrikizumab/IL-13 complex can bind to the IL-13Ra2 receptor, without interfering the endogenous regulation of the IL-13 cytokine<sup>3</sup>.
- 3 Lebrikizumab has a high bioavailability.





# Lebrikizumab has a different mode of action than other approved biologics for atopic dermatitis





#### ADvocate 1 & 2 study

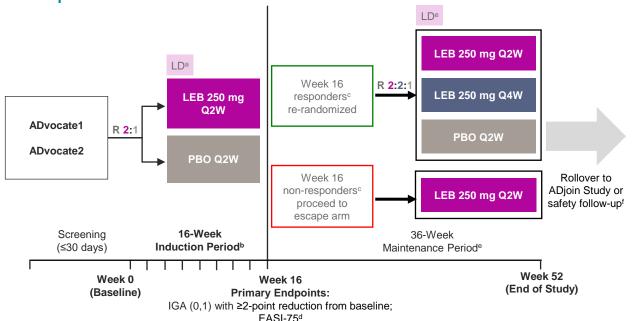
Designed to evaluate Lebrikizumab as monotherapy in adult & adolescent patients with moderate-to-severe atopic dermatitis

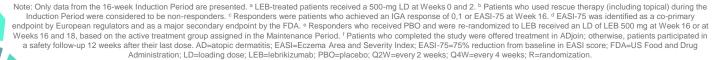
#### **Co-Primary endpoints:**

- IGA 0/1 + ≥2 points of improvement from baseline at week 16
- EASI-75 at week 16

#### **Key secondary endpoints:**

- ≥4 points improvement from BL in pruritus NRS at weeks 16; 4; 2
- EASI-90 at week 16
- DLQI; sleep loss at week 16

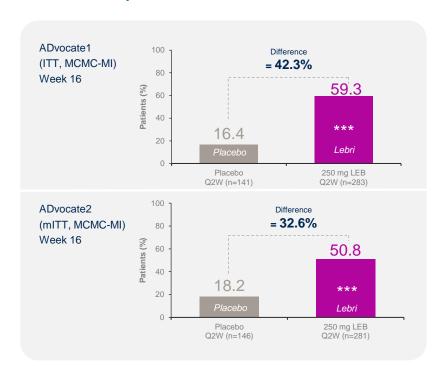


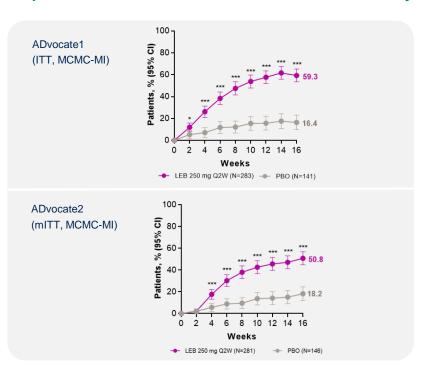




### Primary Endpoint EASI-75

>50% of the patients achieved at least 75% improvement in overall disease severity



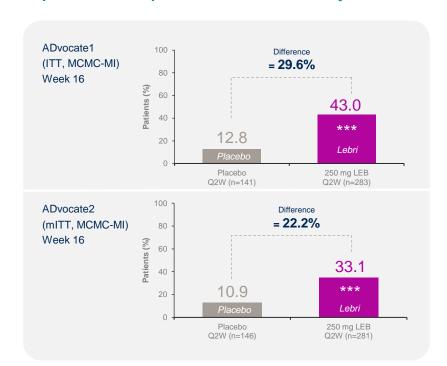


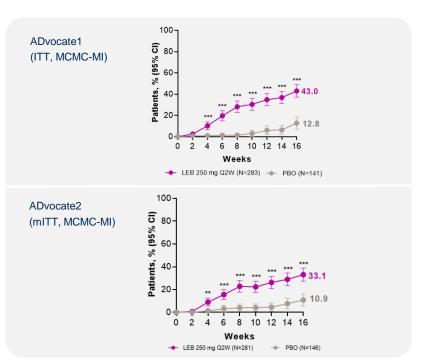


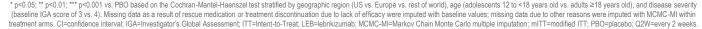


### Primary Endpoint IGA

#### IGA patient response rate as early as week 4

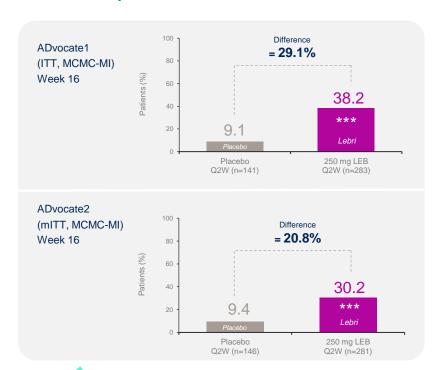


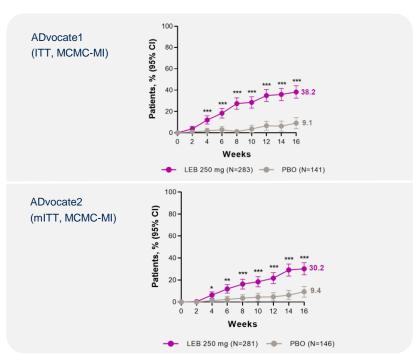






#### EASI-90 response rate

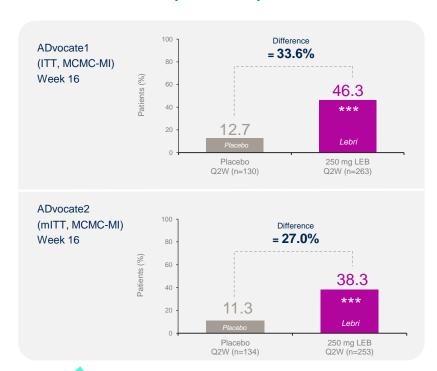


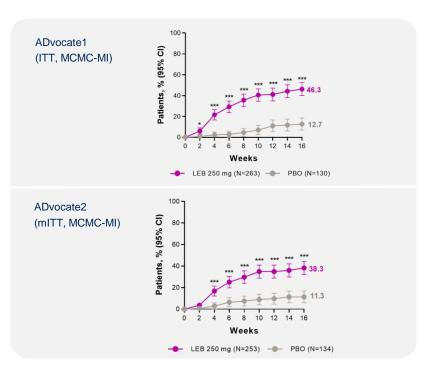


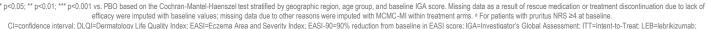


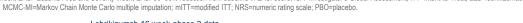


#### Pruritus NRS ≥4-point improvementa from baseline



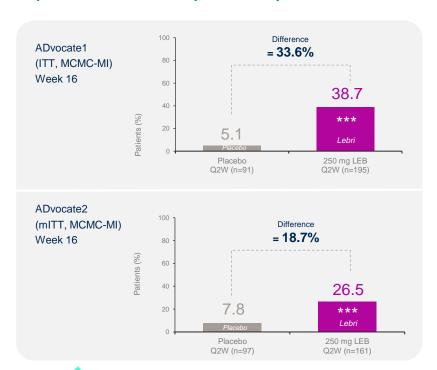


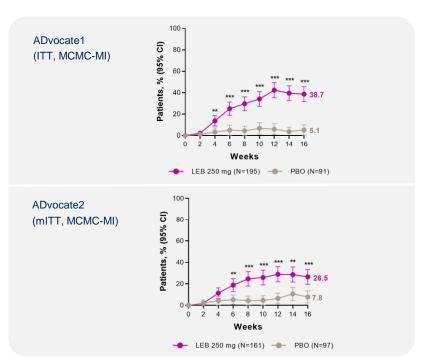


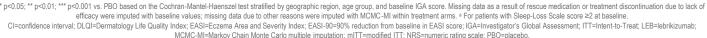




#### Sleep loss NRS ≥2-point improvement<sup>a</sup> from baseline

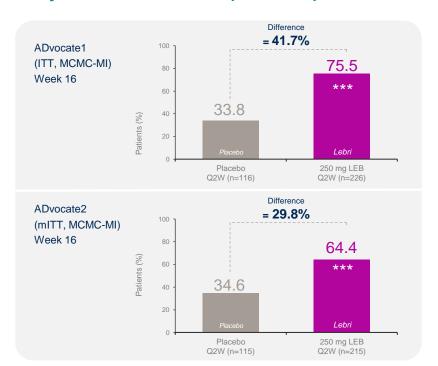


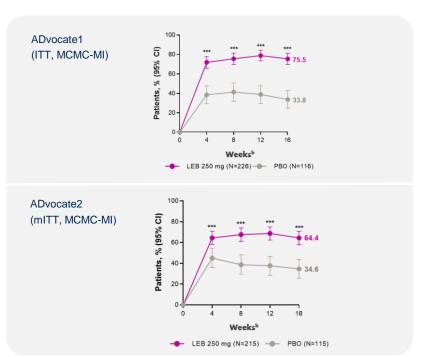






#### Quality of life: DLQI ≥4-point improvement<sup>a</sup> from baseline









#### Lebrikizumab was well tolerated

**Herpes infections** 

#### Overall incidence of adverse events comparable to placebo

	ADvocate1 (Safety Population)		ADvocate2 (Modified Safety Population <sup>c</sup> )		
	Placebo Q2W (N=141)	LEB 250 mg Q2W (N=282)	Placebo Q2W (N=145)	LEB 250 mg Q2W (N=281)	
Any TEAE	72 (51.5)	128 (45.4)	96 (66.2)	149 (53.0)	
Mild	34 (24.1)	78 (27.7)	40 (27.6)	73 (26.0)	
Moderate	31 (22.0)	44 (15.6)	49 (33.8)	69 (24.6)	
Severe	7 (5.0)	6 (2.1)	7 (4.8)	7 (2.5)	
Most common TEAEs (≥5% in either LEB group)					
Conjunctivitis <sup>a</sup>	4 (2.8)	21 (7.4)	3 (2.1)	22 (7.8)	
Exacerbation of AD	28 (19.9)	15 (5.3)	37 (25.5)	28 (10.0)	
Nasopharyngitis	3 (2.1)	11 (3.9)	3 (2.1)	14 (5.0)	
Headache	2 (1.4)	9 (3.2)	6 (4.1)	14 (5.0)	
Serious AE <sup>b</sup>	1 (0.7)	6 (2.1)	4 (2.8)	2 (0.7)	
Death	0	0	1 (0.7)	0	
AEs leading to treatment discontinuation <sup>b</sup>	1 (0.7)	3 (1.1)	4 (2.8)	8 (2.8)	
Injection site reactions	3 (2.1)	3 (1.1)	1 (0.7)	7 (2.5)	

9 (3.2)

6 (4.1)





8 (2.8)

6 (4.3)

### **Key Takeaways**

#### Lebrikizumab phase 3, week 16 data

These data from two pivotal phase 3 trials suggest that lebrikizumab 250 mg Q2W is efficacious for patients with moderate-to-severe AD.

Lebrikizumab 250 mg
demonstrated rapid efficacy
in primary and key
secondary endpoints.
Statistical significance was
achieved in key endpoints
within 4 weeks.

Most TEAEs were mild or moderate in severity, nonserious, and there were few injection site reactions.

The lebrikizumab phase 3 data reinforces the role of IL13 as the key pathogenic driver in AD.







### AD an underserved and growing market

#### Almirall to leverage strong commercial footprint in Europe





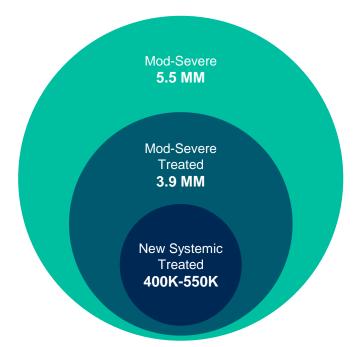
Number of atopic dermatitis patients treated with biologics is expected to be at least comparable with psoriasis by 2026.\*



A meaningful share of Moderate-Severe patients are expected to be treated with new systemics.\*



Peak sales of €450 MM expected in Europe.



18 MM atopic dermatitis patients in EU by 2026





## Conclusions Compelling profile



#### Fast onset of action with

Lebrikizumab rapidly improved skin and itch symptoms within 4 weeks.

Lebrikizumab led to significant improvements with >50% of people treated achieved at least 75% improvement in overall disease severity (EASI-75) at week 16.



On track for a 2023 potential approval in the EU, as we continue to work with our partner Eli Lilly on our commitment to improve lives of patients with atopic dermatitis.

Phase 3 study confirms
Lebrikizumab may potentially
offer a compelling
combination of efficacy and
safety, reinforcing our belief
that Lebrikizumab represents
the next generation of biologics.

Expect completion of ADvocate 1 & 2 studies in H1 2022. Global regulatory submissions to occur in late 2022 based on data from the phase 3 clinical trial program.







#### ADvocate 1 & 2

#### ADvocate1 (ITT)

#### ADvocate2 (mITT)

	• •		• •	
	Placebo Q2W (N=141)	LEB 250 mg Q2W (N=283)	Placebo Q2W (N=146)	LEB 250 mg Q2W (N=281)
Age, years	34.2 (16.4)	36.1 (17.8)	35.3 (17.2)	36.6 (16.8)
Adolescent (12 to <18 years old), n (%)	18 (12.8)	37 (13.1)	17 (11.6)	30 (10.7)
Adult (≥18 years old), n (%)	123 (87.2)	246 (86.9)	129 (88.4)	251 (89.3)
Female, n (%)	73 (51.8)	141 (49.8)	75 (51.4)	136 (48.4)
Region, n (%)				
US	62 (44.0)	128 (45.2)	60 (41.1)	107 (38.1)
Europe	46 (32.6)	92 (32.5)	38 (26.0)	76 (27.0)
Rest of world	33 (23.4)	63 (22.3)	48 (32.9)	98 (34.9)
Race, n (%)				
White	93 (66.0)	196 (69.3)	85 (58.2)	168 (59.8)
Asian	31 (22.0)	39 (13.8)	44 (30.1)	78 (27.8)
Black/African American	16 (11.3)	33 (11.7)	10 (6.8)	25 (8.9)
BMI, kg/m2	27.8 (7.2)	26.5 (5.8)	26.2 (6.2)	26.6 (6.6)
Prior systemic treatment, n (%)	85 (60.3)	144 (50.9)	81 (55.5)	156 (55.5)

Baseline demographics & characteristics





#### ADvocate 1 & 2

ADvocate1 (ITT)

#### ADvocate2 (mITT)

	Placebo Q2W (N=141)	LEB 250 mg Q2W (N=283)	Placebo Q2W (N=146)	LEB 250 mg Q2W (N=281)
Disease duration since AD diagnosis, years	23.7 (15.4)	22.0 (14.8)	20.1 (14.4)	20.8 (15.2)
IGA, n (%)				
3 (moderate)	83 (58.9)	170 (60.1)	95 (65.1)	175 (62.3)
4 (severe)	58 (41.1)	113 (39.9)	51 (34.9)	106 (37.7)
EASI	31.0 (12.9)	28.8 (11.3)	29.6 (10.8)	29.7 (12.0)
<b>BSA</b> % involvement	47.8 (23.9)	45.3 (22.5)	46.0 (21.1)	46.1 (22.6)
SCORAD	67.1 (12.3)	65.6 (11.7)	66.2 (10.0)	66.5 (12.0)
Pruritus NRS	7.3 (1.7)	7.2 (1.9)	7.2 (1.9)	7.1 (1.9)
Sleep-Loss Scale score	2.3 (1.0)	2.3 (1.0)	2.2 (0.9)	2.2 (0.9)
DLQI <sup>a</sup>	15.7 (7.2) <sup>b</sup>	15.3 (7.4)°	15.9 (7.6) <sup>d</sup>	15.4 (7.0) <sup>e</sup>

Baseline disease characteristics



Data are mean (standard deviation), unless stated otherwise. a DLQI was completed only for patients ≥16 years of age at baseline; patients <16 years of age used the Children's DLQI.

Patients who answered DLQI at baseline: b n=121; c n=239; d n=118; e n=218. AD=atopic dermatitis; BSA=body surface area; DLQI=Dermatology Life Quality Index; EASI=Eczema Area and Severity
Index; IGA=Investigator's Global Assessment; ITT=Intent-to-Treat; LEB=lebrikizumab; mITT=modified ITT; NRS=numeric rating scale; PBO=placebo; Q2W=every 2 weeks; SCORAD=SCORing AD.



#### ADvocate 1 & 2

ADvocate1 (ITT)

#### ADvocate2 (mITT)

	Placebo Q2W (N=141)	LEB 250 mg Q2W (N=283)	Placebo Q2W (N=146)	LEB 250 mg Q2W (N=281)
Any rescue medication <sup>a</sup>	47 (33.3)	30 (10.6)	58 (39.7)	56 (19.9)
Topical rescue medication	44 (31.2)	27 (9.5)	54 (37.0)	52 (18.5)
Low-moderate potency TCS	38 (27.0)	21 (7.4)	24 (16.4)	28 (10.0)
High potency TCS	15 (10.6)	6 (2.1)	36 (24.7)	25 (8.9)
Topical calcineurin inhibitor	9 (6.4)	3 (1.1)	6 (4.1)	11 (3.9)
Systemic rescue medication	11 (7.8)	6 (2.1)	9 (6.2)	8 (2.8)

Use of rescue medication through week 16







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Or visit our website:

www.almirall.com

