

## **SUPPLEMENTARY MATERIAL**

### **Efficacy and Safety of Secukinumab in US Patients With Psoriatic Arthritis: A Subgroup Analysis of the Phase 3 FUTURE Studies**

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**Supplementary Table S1.** Baseline characteristics for US and non-US patients in the FUTURE

2-5 trials

<b>Characteristic</b>	<b>US (n = 279)</b>	<b>Non-US (n = 1770)</b>
Age, mean (SD), years	51.6 (12.6)	48.5 (12.2)
Sex, n (%)		
Male	124 (44.4)	851 (48.1)
Female	155 (55.6)	919 (51.9)
Race, n (%)		
White	256 (91.8)	1576 (89.0)
Asian	3 (1.1)	129 (7.3)
Black or African American	5 (1.8)	2 (0.1)
American Indian or Alaska Native	2 (0.7)	12 (0.7)
Other	12 (4.3)	47 (2.7)
Unknown	1 (0.4)	3 (0.2)
Weight, mean (SD), kg	92.0 (21.3)	83.5 (18.7)
BMI, mean (SD), kg/m <sup>2</sup>	32.3 (7.0)	29.1 (5.9)
Time since PsA diagnosis, mean (SD), years	7.0 (8.3)	6.7 (7.5)
Prior TNFi therapies, n (%)		
0	125 (44.8)	1311 (74.1)
1	88 (31.5)	266 (15.0)
≥2	66 (23.7)	193 (10.9)
Methotrexate use at randomization, n (%)	83 (29.7)	928 (52.4)

Disease characteristics, n (%)		
Psoriasis affecting $\geq 3\%$ of BSA	119 (42.7)	898 (50.7)
Presence of enthesitis	195 (69.9)	1089 (61.5)
Presence of dactylitis	108 (38.7)	626 (35.4)
Disease and QOL scores, mean (SD)		
TJC78	25.2 (17.8)	20.6 (15.8)
SJC76	13.7 (11.7)	10.5 (8.8)
DAS28-CRP score	4.9 (1.1)	4.6 (1.0)
HAQ-DI score	1.2 (0.6)	1.2 (0.6)
PsA pain, VAS 0-100 mm	53.5 (23.4)	55.0 (23.0)
Patient global assessment, VAS 0-100 mm	55.5 (22.8)	57.5 (21.5)
Physician global assessment, VAS 0-100 mm	53.2 (17.9)	55.6 (18.3)

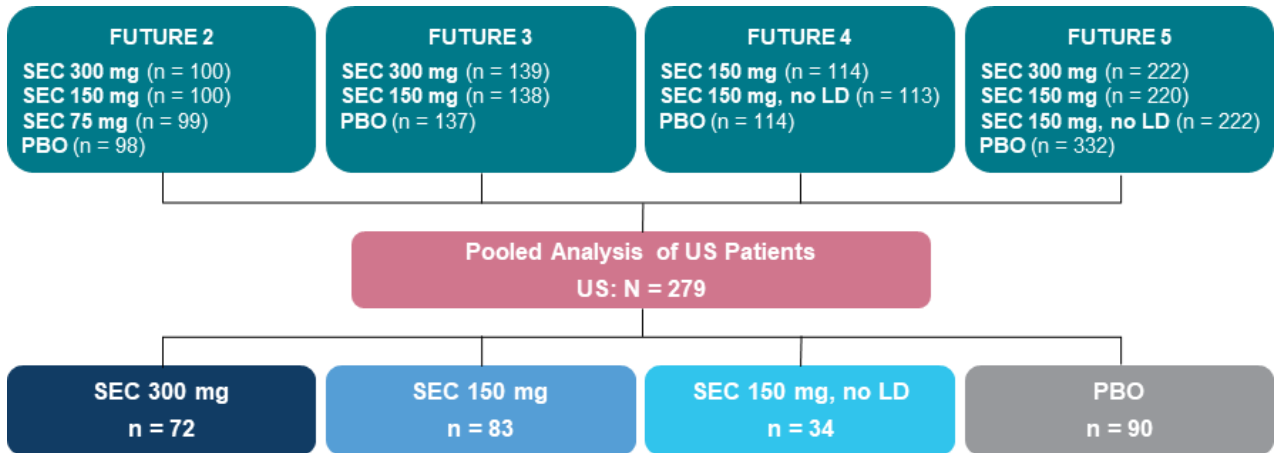
BMI, body mass index; BSA, body surface area; DAS28-CRP, Disease Activity Score 28-joint count using C-reactive protein; DAS28-ESR, Disease Activity Score 28-joint count using erythrocyte sedimentation rate; HAQ-DI, Health Assessment Questionnaire Disability Index; LD, loading dose; PsA, psoriatic arthritis; QOL, quality of life; SJC76, swollen joint count of 76 joints; TJC78, tender joint count of 78 joints; TNFi, tumor necrosis factor inhibitor; VAS, visual analog scale.

**Supplementary Table S2.** Treatment-emergent adverse events up to Week 16 occurring in  $\geq 3\%$  of US patients

	Secukinumab			Placebo
	300 mg (n = 72)	150 mg (n = 83)	150 mg, no LD (n = 34)	(n = 90)
<b>Adverse events by patient, n (%)</b>				
<b>Upper respiratory tract infection</b>	4 (5.6)	8 (9.6)	3 (8.8)	9 (10.0)
<b>Arthralgia</b>	3 (4.2)	1 (1.2)	1 (2.9)	2 (2.2)
<b>Cough</b>	3 (4.2)	2 (2.4)	1 (2.9)	1 (1.1)
<b>Hematuria</b>	3 (4.2)	0	1 (2.9)	1 (1.1)
<b>Hypertension</b>	3 (4.2)	0	1 (2.9)	5 (5.6)
<b>Oropharyngeal pain</b>	3 (4.2)	1 (1.2)	1 (2.9)	1 (1.1)
<b>Headache</b>	2 (2.8)	1 (1.2)	0	5 (5.6)
<b>Sinusitis</b>	2 (2.8)	5 (6.0)	1 (2.9)	2 (2.2)
<b>Diarrhea</b>	1 (1.4)	3 (3.6)	2 (5.9)	0
<b>Nasopharyngitis</b>	1 (1.4)	2 (2.4)	3 (8.8)	7 (7.8)
<b>Nausea</b>	1 (1.4)	6 (7.2)	0	6 (6.7)
<b>Urinary tract infection</b>	1 (1.4)	3 (3.6)	1 (2.9)	3 (3.3)
<b>Fall</b>	0	0	3 (8.8)	1 (1.1)
<b>Hypercholesterolemia</b>	0	3 (3.6)	0	2 (2.2)
<b>Vomiting</b>	0	3 (3.6)	0	0

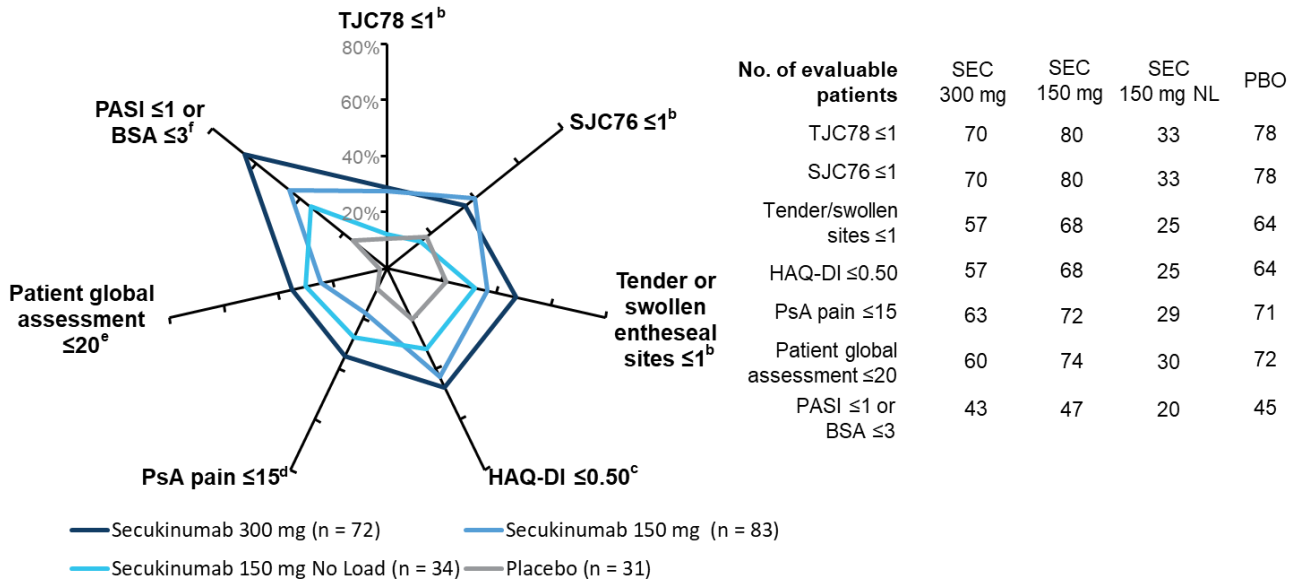
LD, loading dose.

**Supplementary Fig. S1 Study design.**



LD, loading dose; PBO, placebo; SEC, secukinumab.

**Supplementary Fig. S2** Achievement of individual MDA components among US patients at Week 16.<sup>a</sup>



BSA, body surface area; HAQ-DI, Health Assessment Questionnaire-Disability Index; MDA, minimal disease activity; PASI, Psoriasis Area and Severity Index; PBO, placebo; PsA, psoriatic arthritis; SEC, secukinumab; SJC76, swollen joint count of 76 joints; TJC78, tender joint count of 78 joints.

<sup>a</sup> In these radar plots, greater distance from the origin corresponds to a greater proportion of patients achieving clinical response.

<sup>b</sup> Among patients with count >1 at baseline.

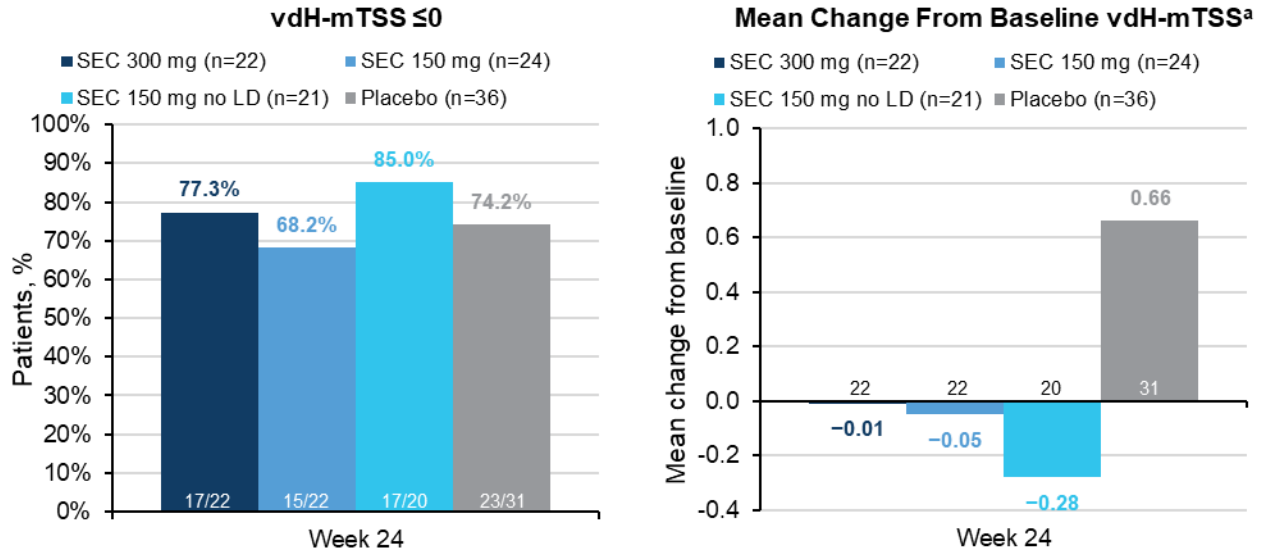
<sup>c</sup> Among patients with baseline HAQ-DI >0.5.

<sup>d</sup> Among patients with baseline PsA pain >15.

<sup>e</sup> Among patients with baseline patient global assessment >20.

<sup>f</sup> Among patients with baseline PASI >1 or BSA >3%.

**Supplementary Fig. S3** Radiographic progression among US patients at Week 24 as determined by the proportion of patients with vdH-mTSS  $\leq 0$  and by mean change from baseline in vdH-mTSS.



PBO, placebo; SEC, secukinumab; vdH-mTSS, van der Heijde modified total Sharp score.

<sup>a</sup> Numbers of evaluable patients for each group at Week 24 are displayed above the x-axis.