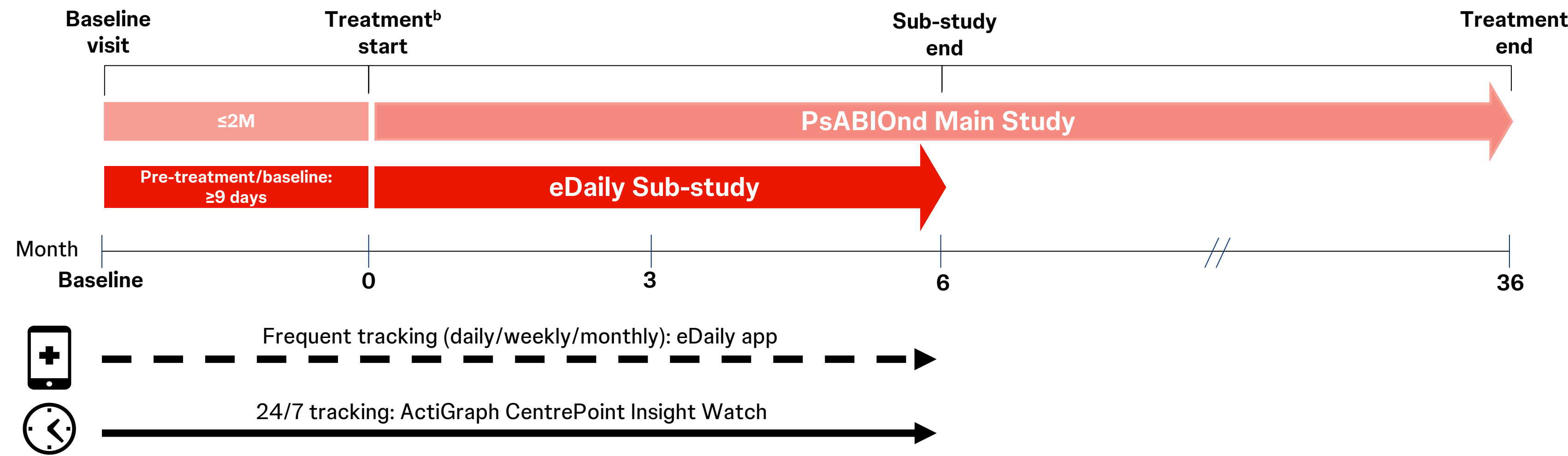


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- 🔥 Psoriatic arthritis (PsA) is a chronic, heterogenous inflammatory disease involving joint arthritis and skin psoriasis with negative impact on physical function and health-related quality of life (HRQoL)¹
- 🏥 PsA manifestations can fluctuate over time, with an unpredictable, often progressive clinical disease course²
 - Recent treatment options include interleukin (IL)-17 inhibitors (i) and the IL-23i guselkumab (GUS)
 - Patients are seen every ~3-6 months in routine practice resulting in missed clinical insights between visits
- 📱 Employment of digital methods to enable more frequent data collection on patient status offers an opportunity to further the understanding of PsA and its impact on patient health/burden that may influence patient care³

 To report baseline characteristics among participants enrolled in an eHealth study aiming to characterize PsA impact through the use of electronic devices that capture self-reported PsA symptom levels and patient-reported outcome (PRO) measures with higher frequency than clinical practice

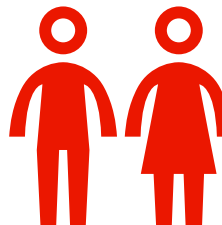
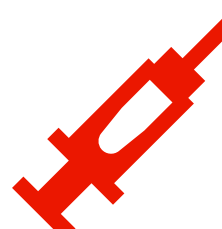





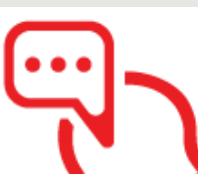
PsABIOnd (NCT05049798) ⁴	eDaily, an eHealth sub-study in PsABIOnd ⁴
<ul style="list-style-type: none"> • Ongoing, international, prospective observational study with 1,314 enrolled participants across 20 countries • Adults with confirmed diagnosis of PsA initiating GUS or an IL-17i^a as a first -to-fourth line biologic therapy per standard of care • To assess long-term persistence, effectiveness, and safety of treatment 	<ul style="list-style-type: none"> • Ongoing study of 27 participants enrolled in 5 European countries (Germany, Spain, Italy, France, and the UK) • Employs: <ul style="list-style-type: none"> • Smart phone eDaily app including eDiary, ePROs, PsA flares, joint pain map • Medical-grade, wearable ActiGraph CentrePoint Insight Watch⁵ for continuous monitoring of physical activity and sleep • To evaluate associations between data collected across eDaily digital methods and ePROs in PsABIOnd main study



^aSecukinumab, ixekizumab, brodalumab, bimekizumab, or netakimab. ^bAfter baseline assessment, study visit time points include month 3 (± 3 months), month 6 (± 3 months), then every 6 months (± 3 months) and at the 'end of treatment' (+1 month) or 'start of treatment' visit (if 2 months have passed since the 'end of treatment' visit). **ePRO**=Electronic patient-reported outcome.

•Daily participants were characterized by moderate-to-severe joint disease activity and multi-domain disease at baseline

- Majority of participants (62.5%) had mild skin disease (BSA <3%)
- Participants reported considerable levels of pain

PsABIOnD Baseline Parameters		Total (N=17)
Disease characteristics		
	Age, years	51.9 (8.41)
	Male sex	9 (52.9%)
	BMI, kg/m ²	28.1 (6.33)
	Smoking status	15
	Never smoked	3 (20.0%)
	No, but past smoker	7 (46.7%)
	Current smoker	5 (33.3%)
Treatment		
	GUS	7 (41.2%)
	IL-17i	10 (58.8%)
	Biologic-naïve	5 (29.4%)
	Biologic-experienced	12 (70.6%)
Disease parameters		
	BSA	16
	<3%	10 (62.5%)
	3% to 10%	5 (31.3%)
	>10%	1 (6.3%)
	Axial involvement ^a	1 (11.1%)
	cDAPSA (0-154; ModDA 13-27, HDA >27) ^b	30.2 (22.03)
	DAPSA (ModDA 15-28, HDA >28) ^a	28.0 (18.25)
	Swollen joint count (0-66) ^b	6.1 (10.14)
	Tender joint count (0-68) ^b	10.4 (11.76)
	Enthesitis ^b	11 (68.8%)
	Dactylitis	9 (52.9%)
	Nail disease	11 (64.7%)
	Physician global VAS (0-100) ^b	52.2 (15.72)
	Patient-reported outcomes	
	Patient global VAS (0-100)	68.6 (18.60)
	Patient pain VAS (0-100)	67.2 (16.91)

Values are mean (SD) or n (%). cDAPSA=Clinical Disease Activity Index for Psoriatic Arthritis; DAPSA=Disease Activity Index for Psoriatic Arthritis; HDA=High disease activity; ModDA=Moderate disease activity; SD=Standard deviation; VAS=Visual analogue scale. ^aN=9; ^bN=16.

- ✓ Despite challenges with eDaily enrolment, high eDiary and ePRO completion rates (76-88%) were observed among participants
- ✓ A considerable proportion of participants self-reported negatively-impacted QoL although mild levels of skin disease were observed at baseline
- ✓ Baseline participant-reported pain scores from PsABIONd and eDiary (inverted scales) were consistent
- ✓ Participants had multi-domain PsA with considerable fatigue levels and sleep disturbance
- ✓ eDaily will capture between-visit patient health status, and could thereby enhance health economic assessment of PsA impact and treatment decision-making in the future

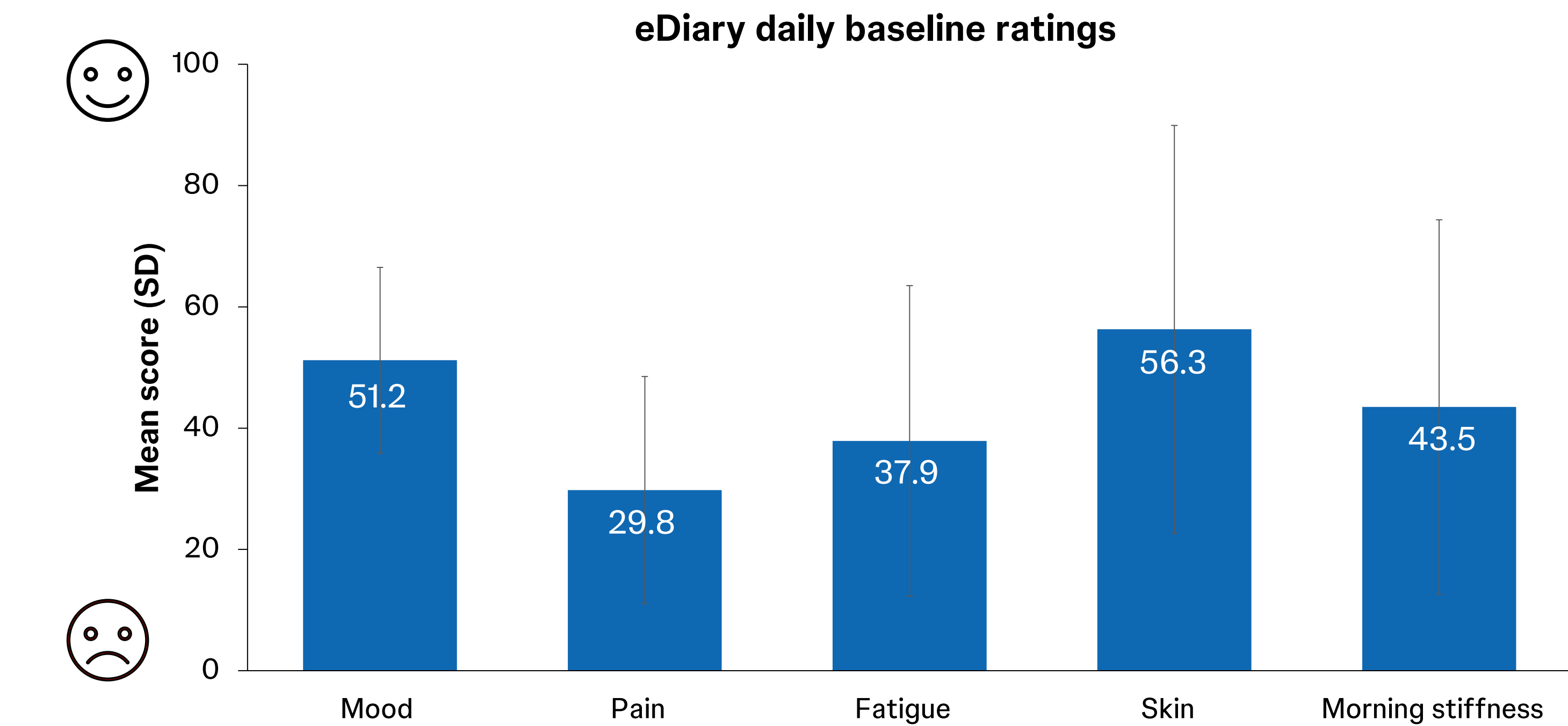
- Data from 07-February-2023 to 08-January-2024 were included
- Baseline characteristics from PsABIOnD were analysed descriptively, pooling treatment groups
- eDiary ratings and ePRO assessments were collected during the pre-treatment/baseline period and summarized descriptively

Data source	Assessment
PsABIOnD	Baseline demographic and clinical characteristics
	Daily self-reported ratings (scale 0-100) of: <ul style="list-style-type: none"> •Mood (100=best mood) •Pain (100=no pain)
	eDiary <ul style="list-style-type: none"> •Fatigue (100=no fatigue) •Skin (100=clear skin)
eDaily app	<ul style="list-style-type: none"> •Morning stiffness duration/severity (100=no stiffness)
	Weekly self-reported assessments of: <ul style="list-style-type: none"> •Functional Assessment of Chronic Illness Therapy (FACIT)-Fatigue (scale 0-52, 52=no fatigue) •Medical Outcomes Study Sleep Scale (MOS-SS; scale 0-100, 100=highest level of each attribute)
	ePROs

Actigraphy was not in scope for this analysis

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- Most participants (14-15 out of 17) completed eDiary ratings in the eDaily app



- Most participants completed FACIT-Fatigue (14 out of 17) and MOS-SS (13 out of 17) assessments in the eDaily app

