

Durability of Response to the Targeted Oral Peptide Icotrokinra for High-Impact Site Psoriasis: 1-Year ICONIC-TOTAL Findings

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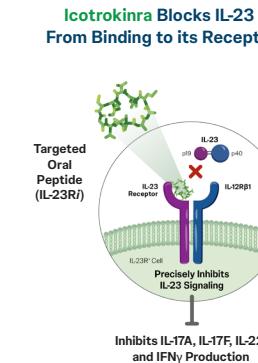
Background

Icotrokinra for plaque psoriasis (PsO)

- PsO involving difficult-to-treat, high-impact sites can have a substantial negative impact on health-related quality of life¹
- Per the International Psoriasis Council consensus statement, PsO patients with high-impact site involvement are candidates for systemic therapy, regardless of body surface area (BSA) affected²
- Icotrokinra (ICO) is a first-in-class targeted oral peptide that:
 - Selectively binds the interleukin-23 receptor (IL-23R) and precisely inhibits IL-23 pathway signaling³
 - Demonstrated significant skin clearance, including in the scalp and genital areas, vs placebo (PBO) at Week 16 in participants (pts) with PsO involving high-impact sites, with similar adverse event (AE) rates vs PBO (ICONIC-TOTAL)⁴
 - Demonstrated higher rates of scalp, genital, and hand/foot PsO clearance and substantially improved nail PsO vs PBO at W16 in adults and adolescents with moderate-to-severe plaque PsO (ICONIC-LEAD)⁵

Objective

- Evaluate the longer-term clinical responses and safety of ICO in adults and adolescents with PsO involving high-impact sites, including the scalp, genitals, hands/feet, and nails, from ICONIC-TOTAL through W52



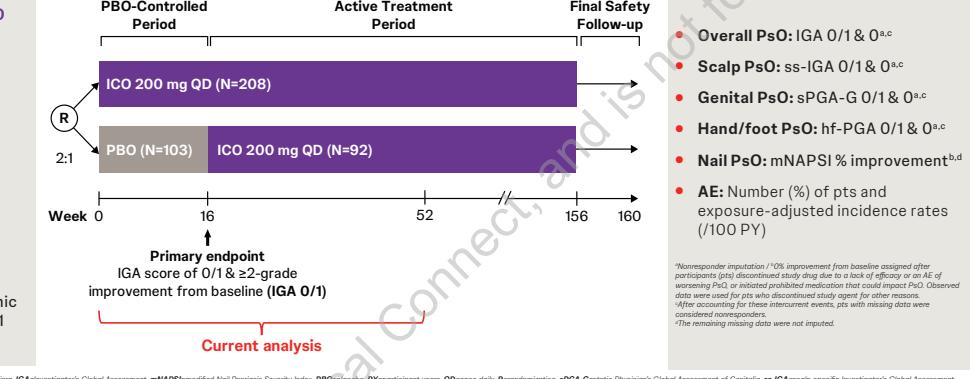
IFN=interferon, IL-23R=interleukin-23 receptor beta 1, IL-23R=IL-23R inhibitor

ICONIC-TOTAL Study Design

Adults and adolescents with plaque PsO involving high-impact sites (N=311)

Key inclusion criteria

- ≥12 years
- Plaque PsO for ≥26 weeks
- BSA ≥1% and IGA score ≥2
- At least moderate (score ≥3) high-impact PsO involving ≥1 site:
 - Scalp: ss-IGA
 - Genital: sPGA-G
 - Hand/foot: hf-PGA
- Candidate for phototherapy or systemic treatment for plaque PsO and failed ≥1 topical



Outcomes & Analyses

- Overall PsO: IGA 0/1 & 0^{a,c}
- Scalp PsO: ss-IGA 0/1 & 0^{a,c}
- Genital PsO: sPGA-G 0/1 & 0^{a,c}
- Hand/foot PsO: hf-PGA 0/1 & 0^{a,c}
- Nail PsO: mNAPSI % improvement^{b,d}
- AE: Number (%) of pts and exposure-adjusted incidence rates (/100 PY)

^aNonresponder imputation / 10% improvement from baseline assigned after participants discontinued study drug due to a lack of efficacy or AE of worsening PsO or initiated prohibited medication that could impact PsO.
^bAfter accounting for these discontinuations, pts with missing data were considered nonresponders.
^cThe remaining missing data were not imputed.

Key Takeaways



In the phase 3 ICONIC-TOTAL study evaluating the targeted oral peptide ICO in adults and adolescents with PsO and difficult-to-treat, high-impact site involvement:

- ICO demonstrated high and durable rates of PsO clearance, with rates at W52 of:

	Clear/Almost Clear	Completely Clear
Scalp PsO	72%	57%
Genital PsO	85%	73%
Hand/foot PsO	62%	58%

- ICO provided substantial mean improvement (62%) in nail PsO at W52

- ICO AE profile was similar to PBO through W16, with stable exposure-adjusted incidence rates through W52

- No ICO safety signal identified through W52

These findings support the use of ICO for the long-term management of PsO affecting high-impact sites, addressing an important unmet need with a once-daily pill

Results

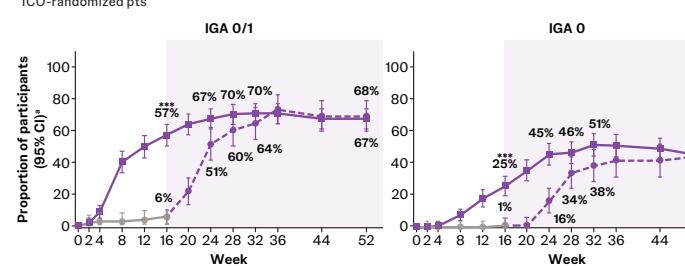
Baseline pt and PsO characteristics were generally balanced between groups

Baseline Characteristics	ICO (N=208)	PBO (N=103)
Pts With High-Impact Site PsO at Baseline		
Demographics		
Age, yrs	45.3 (14.6)	43.5 (13.8)
Female	34%	39%
Race, Asian/Black/White	20% / 1% / 77% / 19% / 0% / 80%	29.0 (6.6)*
BMI, kg/m ²	29.0 (6.6)*	29.4 (8.1)*
Disease Characteristics		
PsO duration, yrs	16.8 (13.3)	15.2 (10.5)
% BSA with PsO	16.6 (3.5)	14.8 (1.7)
IGA score		
Moderate (3)	74%	71%
Severe (4)	22%	21%
PASI (0-72)	14.6 (7.6)	14.0 (7.0)
Prior PsO Treatments		
Phototherapy ^b	43%	31%
Systemic therapy ^b	73%	73%
Biologic therapy ^b	34%	31%

Data shown are mean unless otherwise noted. PsO involving high-impact sites was not mutually exclusive. *ICO-N=203; PBO-N=101; PUV=PUVA and UVB. ^aConventional nonbiologic systemic, L25-vitamin D3 and calcineurin, phototherapy and biologics. ^bAdalimumab, alefacept, brodalumab, certolizumab pegol, efalizumab, etanercept, guselkumab, infliximab, lemakumab, risankizumab, secukinumab, tildrakumab, and ustekinumab. ^cBody mass index. ^dBody surface area. ICO=icotrokinra, IGA=Investigator's Global Assessment, PBO=placebo, PsO=psoriasis, PASI=Psoriasis Area and Severity Index, PUV=puvexin plus ultraviolet A, SD=standard deviation, BSA=body surface area.

Overall PsO: ICO demonstrated high rates of clearance that were durable through W52

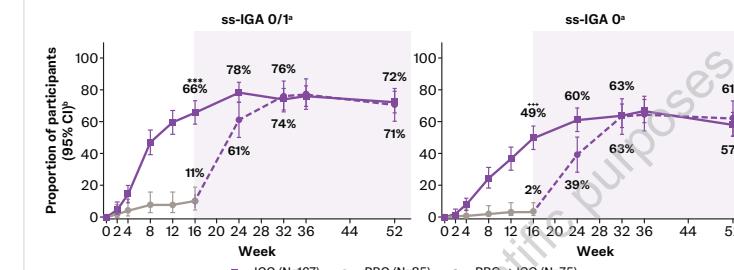
- After transitioning to ICO, PBO-randomized pts achieved skin PsO clearance rates comparable to ICO-randomized pts



^aAmong pts with a baseline IGA score ≥3. *Nonresponder imputation. ^bp-values based on Cochran-Mantel-Haenszel chi-square test stratified by high-impact site involvement and BSA category. CI=confidence interval, ICO=icotrokinra, IGA=Investigator's Global Assessment, PBO=placebo.

Scalp PsO: ICO demonstrated high rates of clearance that were durable through W52

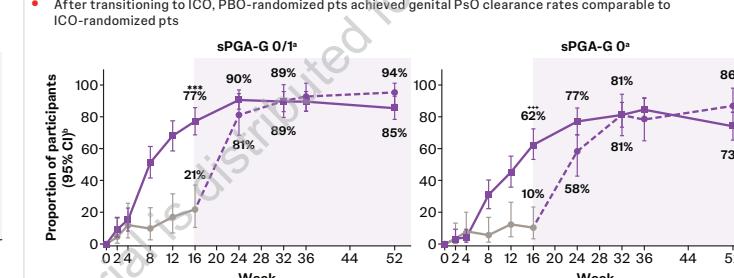
- After transitioning to ICO, PBO-randomized pts achieved scalp PsO clearance rates comparable to ICO-randomized pts



^aAmong pts with a baseline ss-IGA score ≥3. *Nonresponder imputation. ^bp-values based on Cochran-Mantel-Haenszel chi-square test stratified by high-impact site involvement and BSA category. CI=confidence interval, ICO=icotrokinra, PBO=placebo, ss-IGA=scalp-specific Investigator's Global Assessment.

Genital PsO: ICO demonstrated high rates of clearance that were durable through W52

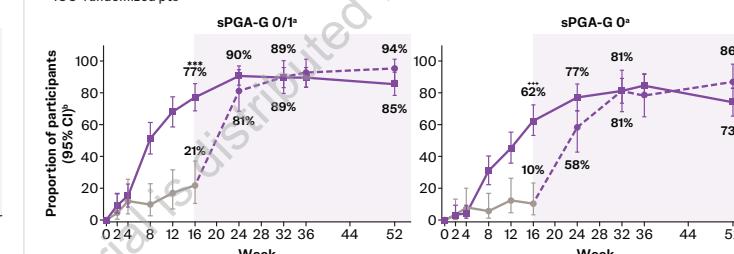
- After transitioning to ICO, PBO-randomized pts achieved genital PsO clearance rates comparable to ICO-randomized pts



^aAmong pts with a baseline sPGA-G score ≥3. *Nonresponder imputation. ^bp-values based on Cochran-Mantel-Haenszel chi-square test stratified by high-impact site involvement and BSA category. CI=confidence interval, ICO=icotrokinra, PBO=placebo, sPGA-G=static Physician's Global Assessment of Genitalia.

Hand/foot PsO: ICO demonstrated increasing rates of clearance through W52

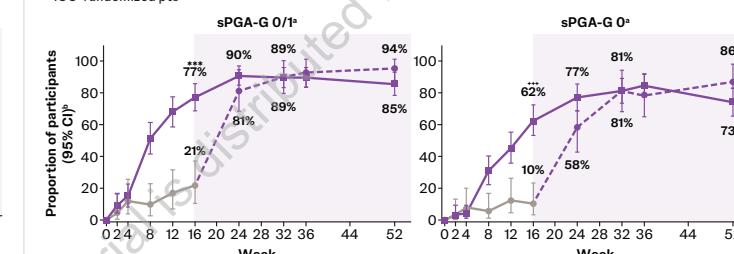
- After transitioning to ICO, PBO-randomized pts achieved hand/foot PsO clearance rates comparable to ICO-randomized pts



^aAmong pts with a baseline hf-PGA score ≥3. *Nonresponder imputation. ^bp-values based on Cochran-Mantel-Haenszel chi-square test stratified by high-impact site involvement and BSA category. CI=confidence interval, ICO=icotrokinra, PBO=placebo, hf-PGA=Physician's Global Assessment of hands and feet.

Nail PsO: ICO provided substantial mean improvement (62%) at W52

- After transitioning to ICO, PBO-randomized pts achieved improvements in nail PsO comparable to ICO-randomized pts



^aAmong pts with a baseline mNAPSI score >0. *Nonresponder imputation. ^bp-values based on Cochran-Mantel-Haenszel chi-square test stratified by high-impact site involvement and BSA category. CI=confidence interval, ICO=icotrokinra, PBO=placebo, mNAPSI=modified Nail Psoriasis Severity Index, PBO=placebo.

Exposure-adjusted AE rates were consistent across groups and study phases

- ICO AE profile was similar to PBO through W16; no ICO safety signal identified through W52

	PBO-controlled (W0-16)	W16-52	Through W52
AEs Through W52			
Mean Weeks / Total PY of Follow-Up	16.0 / 63.6	15.6 / 30.8	36.2 / 63.9
Any AE	105 (50%)	46 (45%)	51 (55%)
Incidence/100 PY (95% CI) ^a	233 (188, 277)	217 (154, 280)	132 (96, 168)
SAE	1 (<1%)	2 (2%)	1 (1%)
Incidence/100 PY (95% CI) ^b	2 (0, 5)	7 (0, 16)	2 (0, 5)
AE Leading to D/C	6 (3%)	4 (4%)	0 (0%)
Incidence/100 PY (95% CI) ^c	10 (4, 21)	13 (4, 34)	0 (0, 5)
Infection	59 (28%)	23 (22%)	39 (42%)
Incidence/100 PY (95% CI) ^d	110 (82, 138)	88 (52, 124)	81 (66, 106)
Serious Infection	0 (0%)	1 (1%)	0 (0%)
Incidence/100 PY (95% CI) ^e	0 (0, 5)	3 (<1, 18)	0 (0, 2)
GI AE	15 (7%)	8 (8%)	7 (8%)
Incidence/100 PY (95% CI) ^f	25 (12, 37)	27 (8, 46)	11 (3, 20)
Malignancy ^g	1 (<1%)	0 (0%)	2 (1%)
Incidence/100 PY (95% CI) ^h	2 (<1, 9)	0 (0, 10)	1 (<1, 4)

Data shown are PY unless otherwise noted. *Includes data for PBO-randomized pts through W52 and for PBO-to-ICO pts from W52 through W52. ^aCIs were based on a Wald statistic using the normal assumption.

^bCIs were based on an exact method assuming that the observed number of events follows a Poisson distribution. ^cIncludes chronic lymphocytic leukemia and malignant melanoma in situ. ^dAE=adverse event.

^eIncludes chronic lymphocytic leukemia, B-cell non-Hodgkin's lymphoma, and T-cell non-Hodgkin's lymphoma. ^fIncludes squamous cell carcinoma, basal cell carcinoma, and melanoma in situ. ^gIncludes adenocarcinoma, squamous cell carcinoma, and melanoma in situ. ^hIncludes squamous cell carcinoma, basal cell carcinoma, and melanoma in situ. ⁱIncludes squamous cell carcinoma, basal cell carcinoma, and melanoma in situ. ^jIncludes squamous cell carcinoma, basal cell carcinoma, and melanoma in situ. ^kIncludes squamous cell carcinoma, basal cell carcinoma, and melanoma in situ. ^lIncludes squamous cell carcinoma, basal cell carcinoma, and melanoma in situ. ^mIncludes squamous cell carcinoma, basal cell carcinoma, and melanoma in