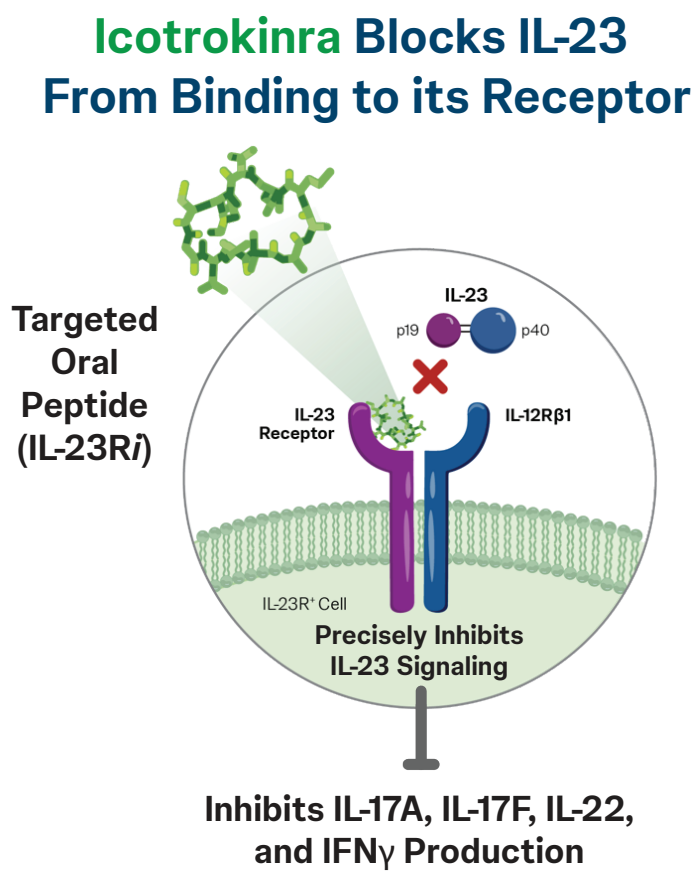


Maintenance of Response With Icotrokinra, a Targeted Oral Peptide, for the Treatment of Moderate-to-Severe Plaque Psoriasis: Randomized Treatment Withdrawal in Adults (Weeks 24–52) and Continuous Treatment in Adolescents (Through Week 52) From the Phase 3, ICONIC-LEAD Trial

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Background

- Selectively binds the interleukin-23 receptor (IL-23R) and precisely inhibits IL-23 pathway signaling¹
- Demonstrated significantly higher rates of skin clearance vs placebo (PBO) at Week (W)16, with increasing response rates and no safety signal through W24 in adults & adolescents with moderate-to-severe plaque PsO in the phase 3 ICONIC-LEAD study²

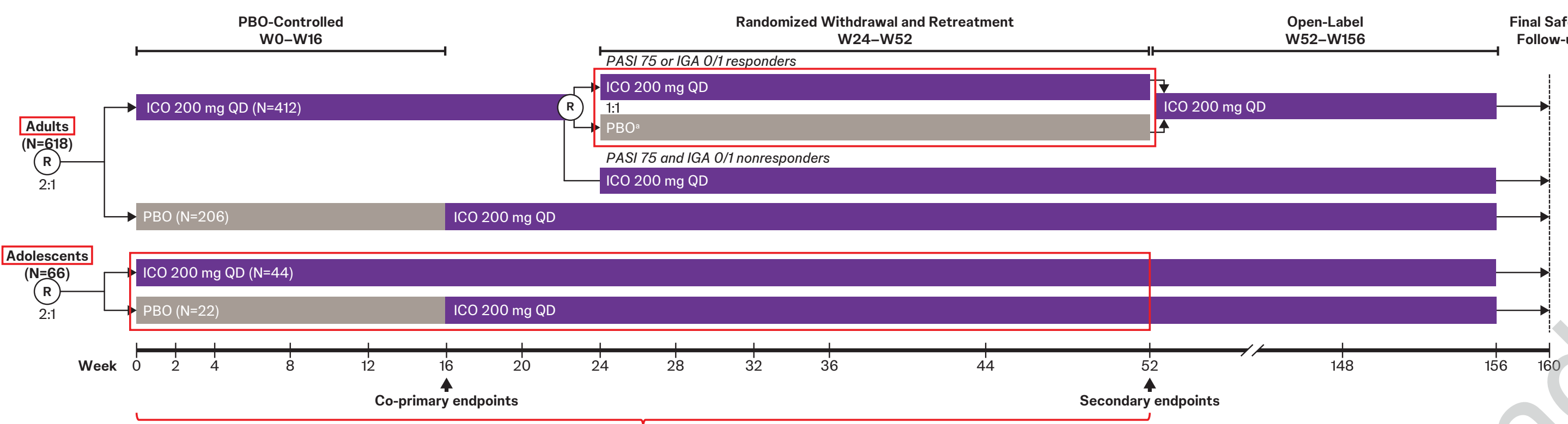


IFN=interferon, IL-12 β 1=interleukin-12 receptor beta 1, IL-17A=interleukin-17A, IL-17F=interleukin-17F, IL-22=interleukin-22, IL-23=interleukin-23.

ICONIC-LEAD – Study Design

Key inclusion criteria

- ≥ 12 years
- Plaque PsO for ≥ 26 weeks
- BSA $\geq 10\%$
- PASI score ≥ 12
- IGA score ≥ 3
- Candidate for phototherapy or systemic treatment for plaque PsO



*Participants retreated with ICO upon loss of $\geq 50\%$ PASI improvement observed at W24. BSA=body surface area, ICO=iclotraktra, IGA=Investigator's Global Assessment, PASI=Psoriasis Area and Severity Index, PBO=placebo, PsO=psoriasis, QD=once daily, R=randomization

Objective

 Report maintenance of ICO clinical response during the randomized-withdrawal period in adults (ICO vs PBO from W24–52), longer-term ICO effects in adolescents (through W52), and safety through W52 of ICONIC-LEAD




 Adult W24 ICO Responders^a: Psoriasis Area and Severity Index (PASI) & Investigator's Global Assessment (IGA) Responses From W24 Through W52

Adolescents: PASI & IGA Responses Through W52^c

<ul style="list-style-type: none"> ● Key Secondary Endpoints^a <ul style="list-style-type: none"> – Response rates at W52^a <ul style="list-style-type: none"> • PASI 75 among PASI 75 responders at W24 • PASI 90 among PASI 90 responders at W24 – Time to loss of response (LOR) through W52^a <ul style="list-style-type: none"> • Loss of PASI 75 among PASI 75 responders at W24 • Loss of PASI 90 among PASI 90 responders at W24 	<ul style="list-style-type: none"> ● Other Secondary Endpoints <ul style="list-style-type: none"> – Response rates at W52^a <ul style="list-style-type: none"> • IGA 0/1 & ≥2-grade improvement from baseline among IGA 0/1 responders at W24 – Time to LOR through W52^a <ul style="list-style-type: none"> • Time to loss of IGA 0/1 among IGA 0/1 responders at W24 	<ul style="list-style-type: none"> ● PASI 75 ● PASI 90 ● IGA 0/1 & ≥2-grade improvement from baseline
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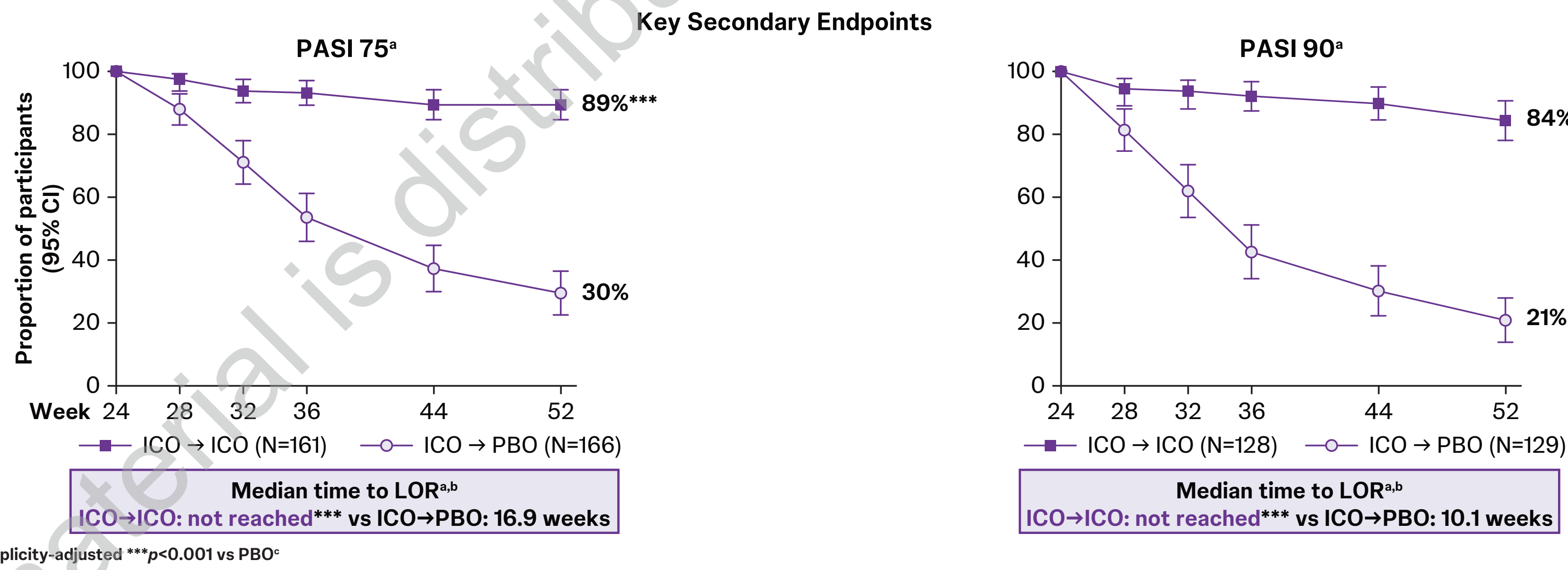
Results

Baseline characteristics were generally comparable across re-randomized treatment groups

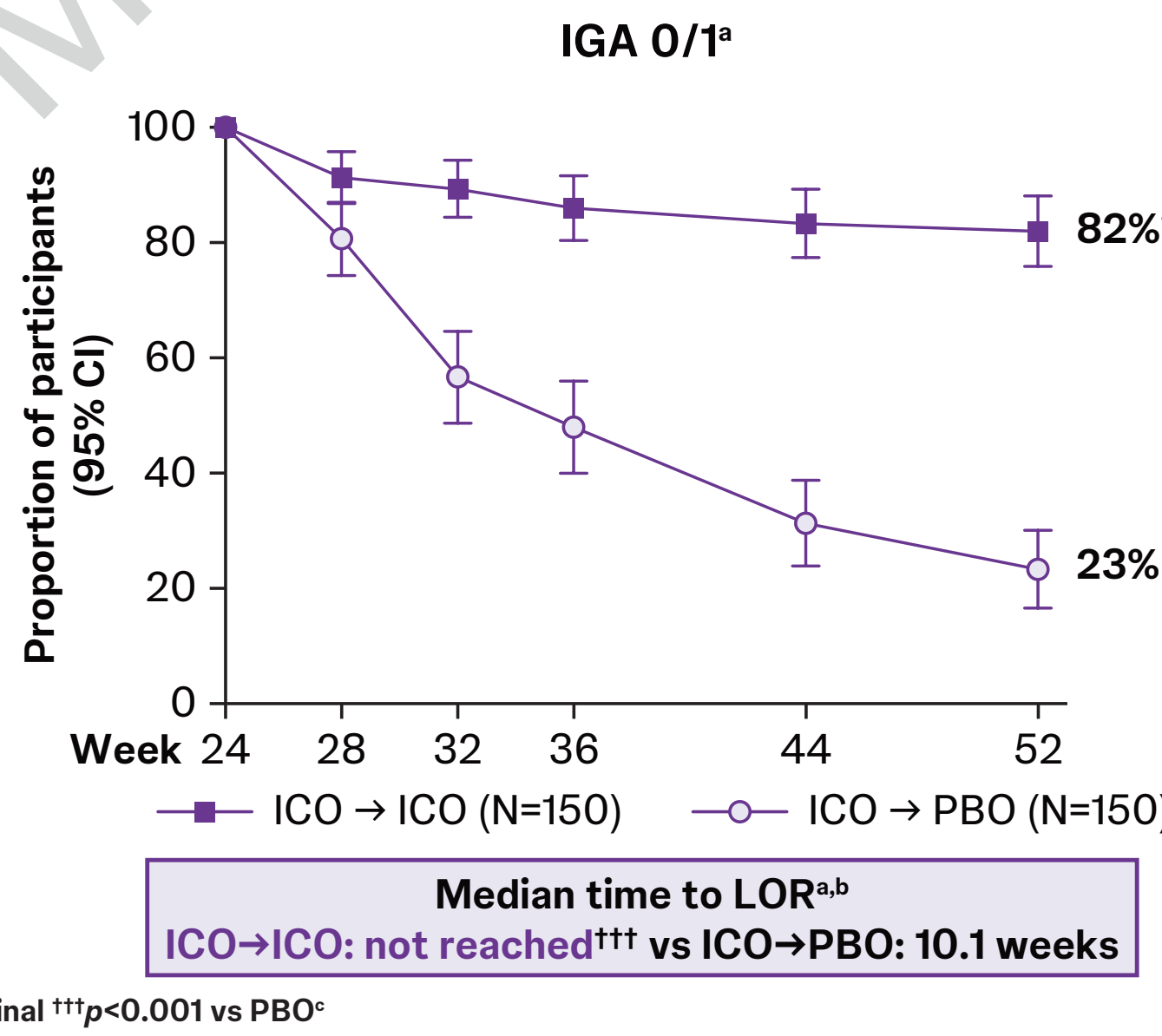
Baseline Characteristics: Adult W24 ICO Responders*		ICO → ICO (N=169)	ICO → PBO (N=172)
Demographics			
	Age, yrs	46.5 (14.4)	44.5 (14.4)
	Female	30%	38%
	Race, Asian / Black / White	23% / 1% / 74%	24% / 1% / 73%
	BMI, kg/m²	29.0 (6.8)	29.7 (6.7)
Disease Characteristics			
	PsO disease duration, yrs	19.2 (14.1)	18.6 (13.9)
	% BSA with PsO	24.8 (14.0)	24.9 (14.7)
	IGA score		
	Moderate (3)	74%	78%
	Severe (4)	26%	22%
	PASI (0–72)	19.6 (6.7)	19.2 (7.3)
Prior PsO Treatments			
	Phototherapy (PUVA or UVB)	31%	31%
	Systemic therapy ^a	76%	72%
	Biologic therapy ^b	35%	33%

DATA shown are mean (SD), unless otherwise noted. Conventional nonbiologic systemic, novel nonbiologic systemic, L25-vitamin D3 and analogues, phototherapy, and biologics. *Adalimumab, efalizumab, brodalumab, brodalumab, certolizumab pegol, efalizumab, etanercept, guselkumab, infliximab, ixekizumab, natalizumab, risankizumab, secukinumab, alopathic, and ustekinumab. **BM**=body mass index. **BSA**=body surface area. **ICO**=Investigator's Global Assessment, **PASI**=Psoriasis Area and Severity Index, **PGA**=psoriasis, **PUVA**=psoralen plus ultraviolet A, **SD**=standard deviation, **UVB**=ultraviolet B. **W**=weight.

W24 ICO responders re-randomized to ICO demonstrated superior maintenance of PASI response vs PBO at W52

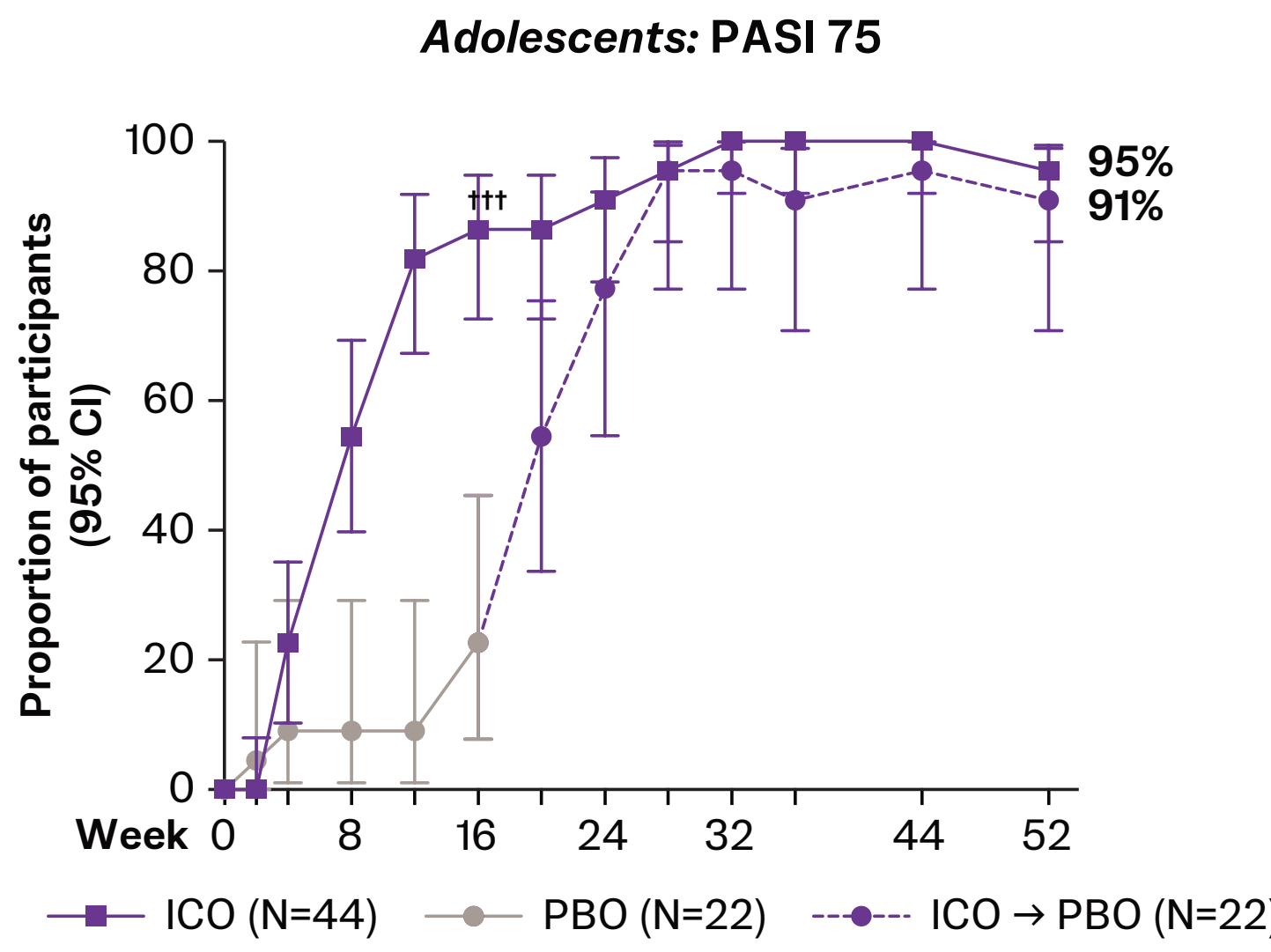


Among W24, ICO, PASI 75 and PASI 90 responders, respectively. *Based on life table method. †P-values for response rates (Cochran-Mantel-Haenszel chi-square test) and time to LOR (log-rank test) were stratified by geographic region (and for PASI 75, also stratified by PASI 90 response status at W24). CI=confidence interval, ICO=icotraktra, LOR=loss of response, PASI=Psoriasis Area and Severity Index, PBO=placebo, W=week.



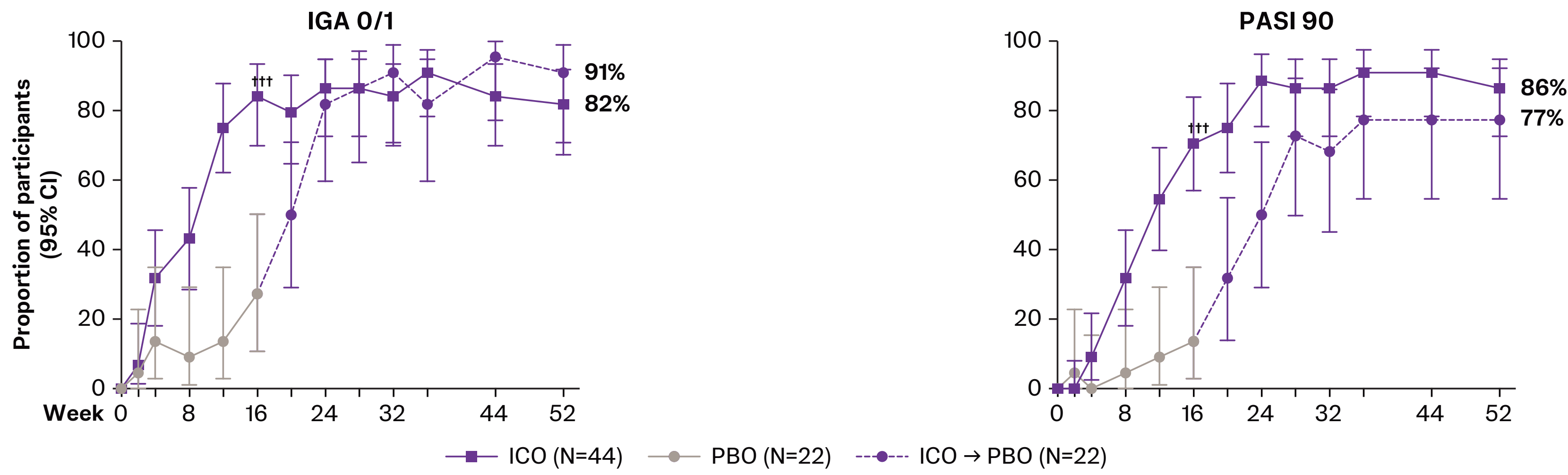
*Among W24 ICO IGA O/I responders. †Based on life table method. ‡P-values for response rates (Cochran-Mantel-Haenszel chi-square test) and time to LOR (log-rank test) were stratified by geographic region and PASI 90 response status at W24. ‡Cf confidence interval, ICO=icotrakinra, IGA=Investigator's Global Assessment, IGA O/I=IGA score O/I and ≥ 2 -grade improvement from baseline, LOR=loss of response, PASI=Pсорisosis Area and Severity index, PBO=placebo, W=week.

~90% of ICO-randomized adolescents achieved clear/almost clear skin by W24, with durable response rates through W52



Nominal $^{***}p<0.001$ vs PBO

*P-value based on Cochran-Mantel-Haenszel chi-square test stratified by geographic region. CI=confidence interval, ICO=icotrastine, PASI=Psoriasis Area and Severity Index, PBO=placebo.



[†]P-values based on Cochran-Mantel-Haenszel chi-square test stratified by geographic region. CI=confidence interval; ICO=iclotrokin; IGA Q7=Investigator's Global Assessment score Q7/8 ≥2-grade improvement from baseline; PASI=Psoriasis Area and Severity Index; PBO=placebo.

ICO adverse event (AE) profile through W52 was consistent with that observed through W16

- ICO AE profile in adolescents through W52 was consistent with that observed in the overall study population

	PBO-Controlled ² (Adults & Adolescents)		Active Treatment (Adults & Adolescents)		ICO Responders Re-Randomized at W24 (Adults)	
	ICO (W0-16; N=456)	PBO (W0-16; N=228)	ICO ² (W16-52; N=213)	ICO (W0-52; N=456)	ICO → ICO (W24-52; N=168)	ICO → PBO ³ (W24-52; N=172)
AEs Through W52						
Mean Weeks of Follow-up	15.9	15.8	35.3	43.4	27.7	27.8
Any AE	226 (50%)	112 (49%)	132 (62%)	313 (69%)	92 (55%)	82 (48%)
Most Common AEs						
Nasopharyngitis	31 (7%)	15 (7%)	23 (11%)	64 (14%)	21 (12%)	20 (12%)
Upper respiratory tract infection	30 (7%)	16 (7%)	24 (11%)	52 (11%)	9 (5%)	15 (9%)
SAE	6 (1%)	6 (3%)	4 (2%)	16 (4%)	3 (2%)	5 (3%)
Serious Infection	1 (<1%)	0	1 (<1%)	1 (<1%)	0	1 (1%)
AE Leading to Discontinuation	6 (1%)	1 (<1%)	4 (2%)	10 (2%)	1 (1%)	3 (2%)
Gastrointestinal AE ^a	26 (6%)	13 (6%)	9 (4%)	51 (11%)	7 (4%)	8 (5%)
Active TB	0	0	0	0	0	0
Malignancy ^d	2 (<1%)	0	0	2 (<1%)	0	0

Safety analysis set included all randomized and treated participants. ^aIncludes data after W18 for PBO-randomized participants who crossed over to receive ICQ. ^bCombined withdrawal and retreatment group. ^cBased on gastrointestinal disorders SOC. ^dIncluded adenocarcinoma of colon and prostate cancer. **AE**=adverse event, **ICQ**=icotrokin, **PBO**=placebo, **SAE**=serious adverse event, **SOC**=system organ class, **TB**=tuberculosis, **W**=week.