

# Improving Clinical Decision-making in Pediatric Atopic Dermatitis Through a Multimodal CME Program

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## Background

- Pediatric atopic dermatitis requires clinical decisions that account for symptom burden, treatment goals, and family preferences
- Education should help HCPs move from ‘flare control’ toward evidence-based long-term management

## Aim

- We evaluated whether a multimodal CME curriculum would improve clinical decision-making in pediatric AD

## Methods

- Multiformat CME/CE curriculum included webinars, video-based education, ClinicalThought commentary, and an interactive case challenge
- Outcomes were assessed at Moore’s Level 4 competence using baseline and postactivity measures
- Analyses used descriptive statistics, *P* value, and effect sizes from available learner data

## Multimodal CME Learning Pathway



Activities addressed diagnosis, disease severity assessment, treatment selection, and long-term management strategies.

Data source: September 30, 2025 to September 18, 2026

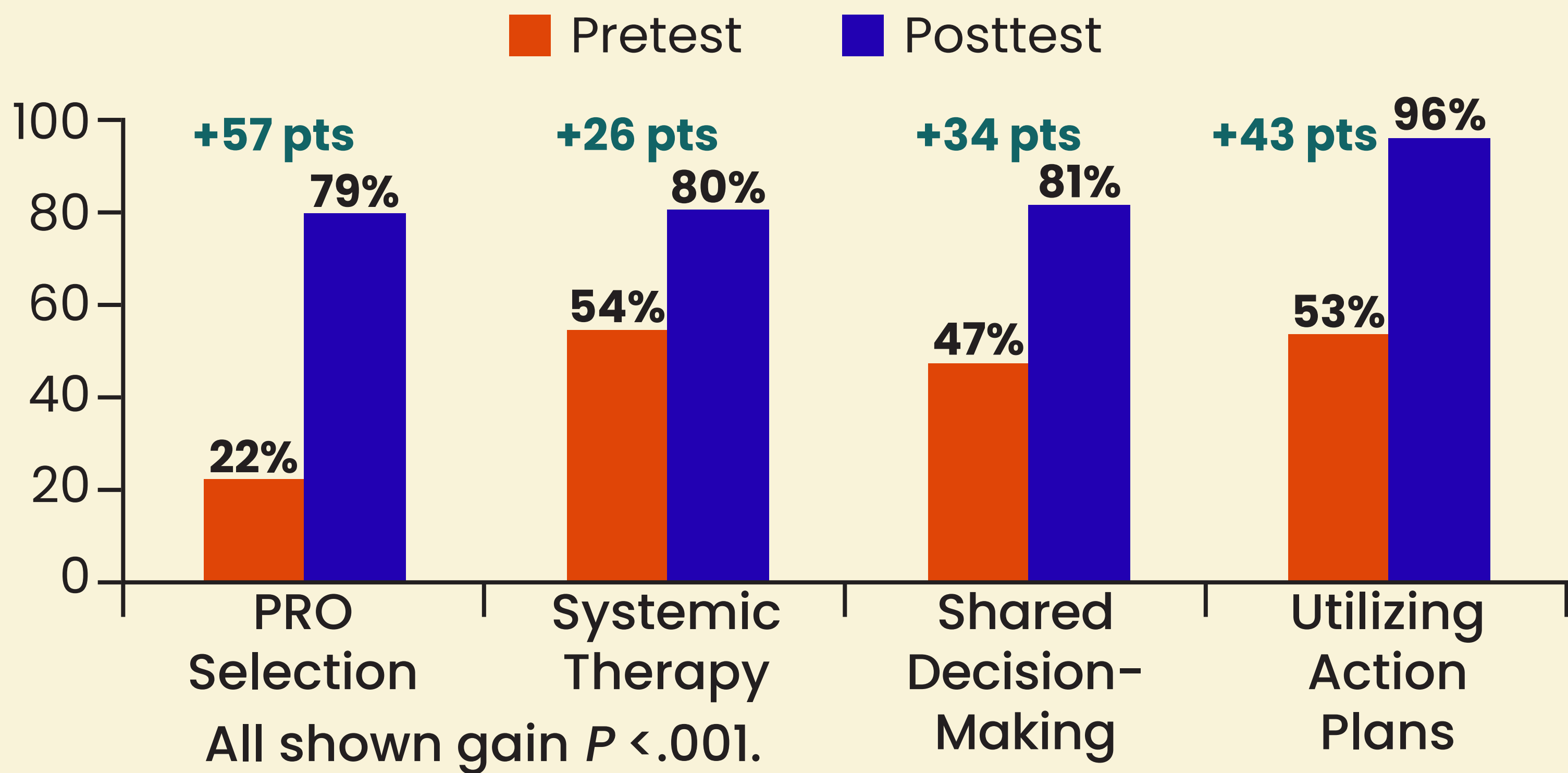
Target learners included pediatric dermatologists, dermatologists, pediatricians, allergists/immunologists, APPs, and other HCPs managing pediatric AD.

## Learner performance varied across the pediatric AD treatment journey, with the greatest opportunity around initial planning and treatment escalation

### Interactive Case Challenge: Decision Journey



### Competence Gains Across Pediatric AD Decision Points



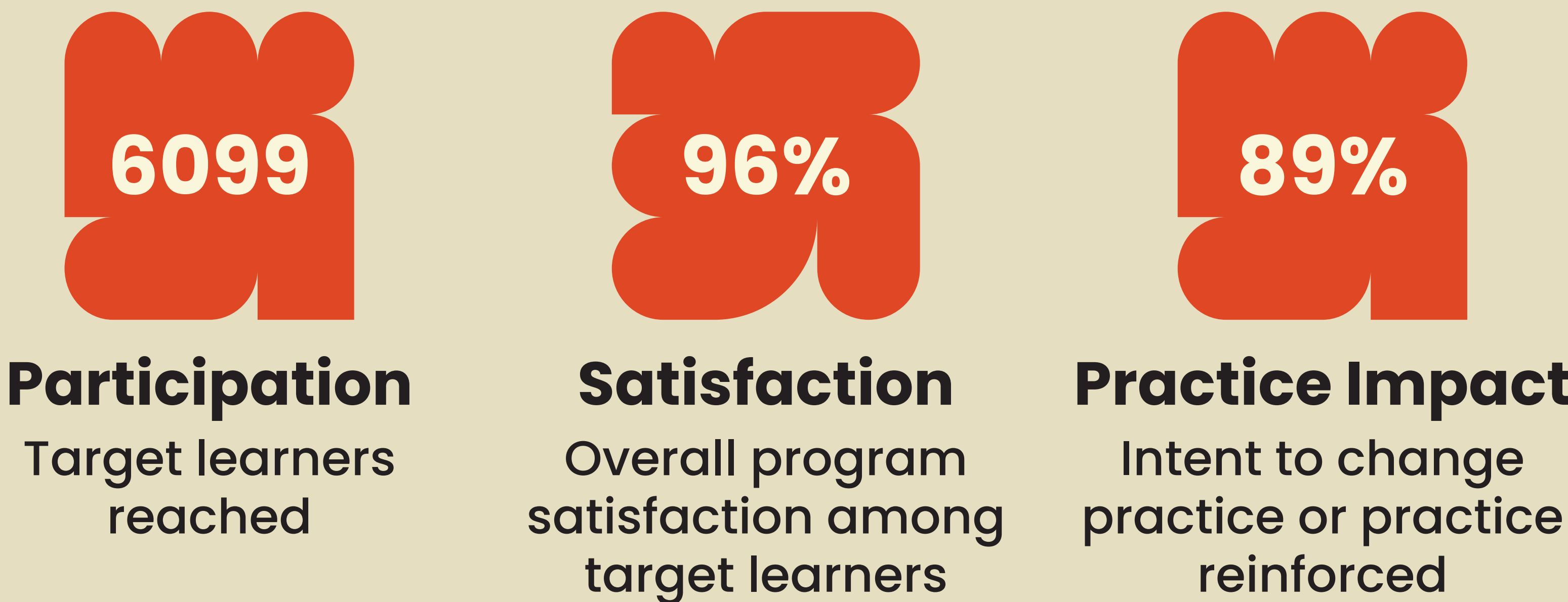
### Building Clinical Confidence in Pediatric AD Management

- Integrate symptom burden, family goals, and disease severity
- Apply evidence-based treatment escalation strategies
- Develop shared, sustainable action plans with families

**Primary finding:** Case-based CME strengthened learner competence in patient-centered assessment, shared decisions, and action plan management while revealing an ongoing need for education on when and how to advance systemic therapy.

AD, atopic dermatitis; APP, advanced practice provider; CME, continuing medical education; HCP, healthcare professional; PRO, patient-reported outcome; SDM, shared decision-making.

## Impact at a Glance



## Educational Implications

### Measure What Families Feel

Use validated tools to capture itch, sleep loss, psychosocial burden, and caregiver concerns.

### Clarify Escalation Thresholds

Define when optimized topical therapy is insufficient and targeted systemic therapy should be discussed.

### Make SDM Concrete

Align treatment selection with age, goals, preferences, medication burden, and family readiness.

### Plan for Maintenance

Use written action plans, follow-up intervals, and flare-prevention strategies to sustain control.