Informed arm: biologic choice guided with Mind.Px report

TAU arm: biologic choice not report-guided

Inclusion criteria:
lesion ≥ 2 cm in diameter, PASI ≥ 10, PGA ≥ 3

1:1 RANDOMIZATION, 200 PATIENTS TOTAL

Screening

Baseline
(DBP)

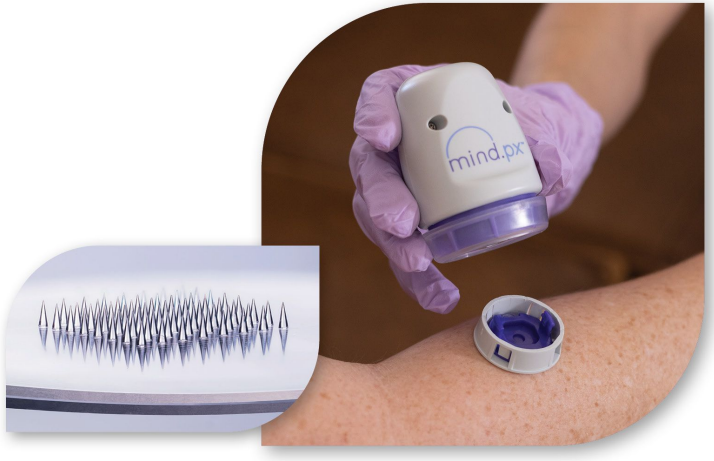
Randomization to informed or Treatment As Usual (TAU) arm

Week 4
(PASI, PGA, BSA, DLQI)

Week 8
(PASI, PGA, BSA, DLQI)

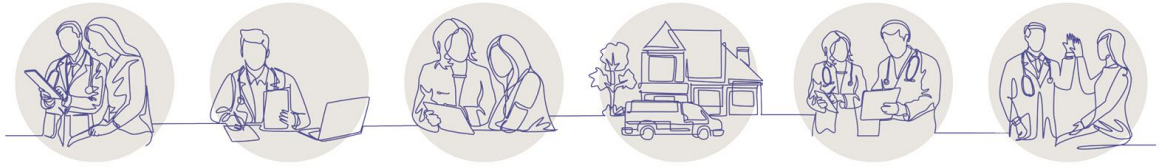
Week 12
(PASI, PGA, BSA, DLQI)

Week 16
(PASI, PGA, BSA, DLQI, SF-36)



APPLY SINGLE DBP → **EXTRACT** → **SEQUENCE & ANALYZE**

Mindera HEALTH



PATIENT REPORT

PATIENT

Patient name: **John Doe**
Sample ID: **0000000**
Date of birth: **01/10/1965**

ORDER

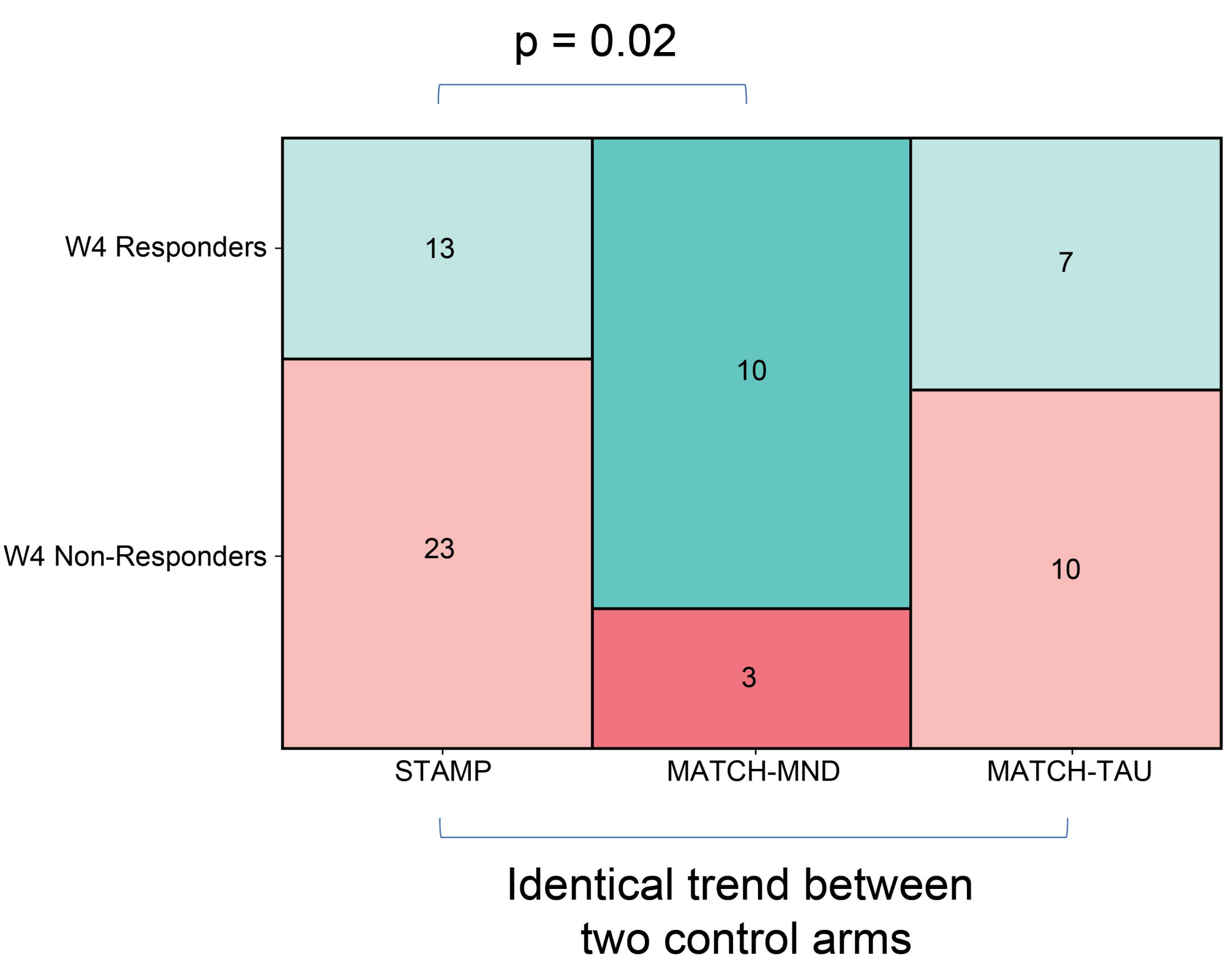
Date specimen collected: **03/10/2020**
Date of testing: **03/28/2020**
Ordering physician: **Dr. Janet Doe**
Clinic/hospital: **Smallville Dermatology**
000 Street Name
Smallville, KS

mind.px™ TEST RESULTS

R Responder — **TNFα Inhibitor** *Tumor Necrosis Factor Alpha*

NR Non-Responder — **IL-17 Inhibitor** *Interleukin 17*

R Responder — **IL-23 Inhibitor** *Interleukin 23*


p = 0.02
W4 Responders
W4 Non-Responders
13
23
10
3
7
10
STAMP
MATCH-MND
MATCH-TAU
Identical trend between
two control arms

Assessments	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
	Screening 1-4 Weeks	Baseline/ Randomization	Week 4 ±3 Days	Week 8 ±3 Days	Week 12 ±3 Days	Week 16 ±3 Days
Informed Consent	X					
Inclusion/Exclusion Criteria	X					
Demographics	X					
Clinician Demographics	X					
Mind.Px Dermal Patch	X					
Medical History	X					
Biologic Treatment History (previous & current; including response and questionnaires)	X					
Current Biologic Treatment & Biologic Treatment Trials Since Last Visit (including response and questionnaires)		X	X	X	X	X
Medication History (other than biologics)	X					
Physical Exam	X					
Vital Signs	X					
Randomization		X				
PASI	X	X	X	X	X	X
PGA	X	X	X	X	X	X
BSA	X	X	X	X	X	X
DLQI		X	X	X	X	X
SF-36 (patient reported)		X				X
Clinician Utility Questionnaire*		X *(after)*				
Adverse Events (AEs)	X	X	X	X	X	X
IP accountability	X					
Dose Changes		X	X	X	X	X
Switching		X	X	X	X	X
Regimen Augmentation		X	X	X	X	X
Discontinuation		X	X	X	X	X
Biologic Compliance		X	X	X	X	X

	Mind.Px Informed	TAU
Concordant (%)	36 (87.8%)	21 (55.3%)
Discordant (%)	5 (12.2%)[a]	17 (44.7%)