

BALL SPEED
118 KM/H · 73 MPH



PREPARED FOR CHENNAI SUPER KINGS · 1 SEPTEMBER 2026

Fast bowling, measured.

3,000+	11	24h
bowlers analyzed	metrics per delivery	to every report



01 · WHY

Fast bowlers break first.

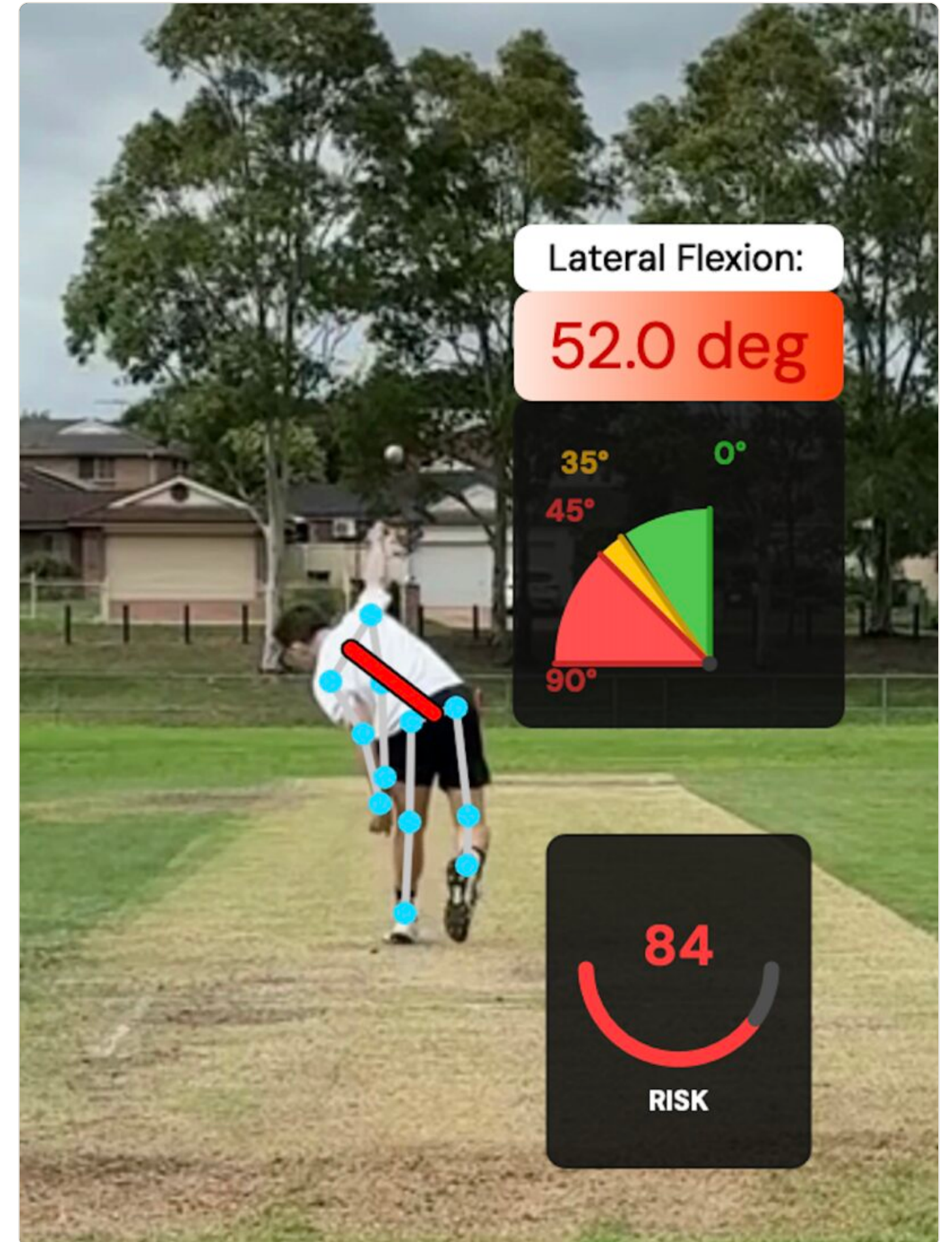
A lumbar stress fracture: six months out. It shows in the action weeks before it hurts.

6_{mo}

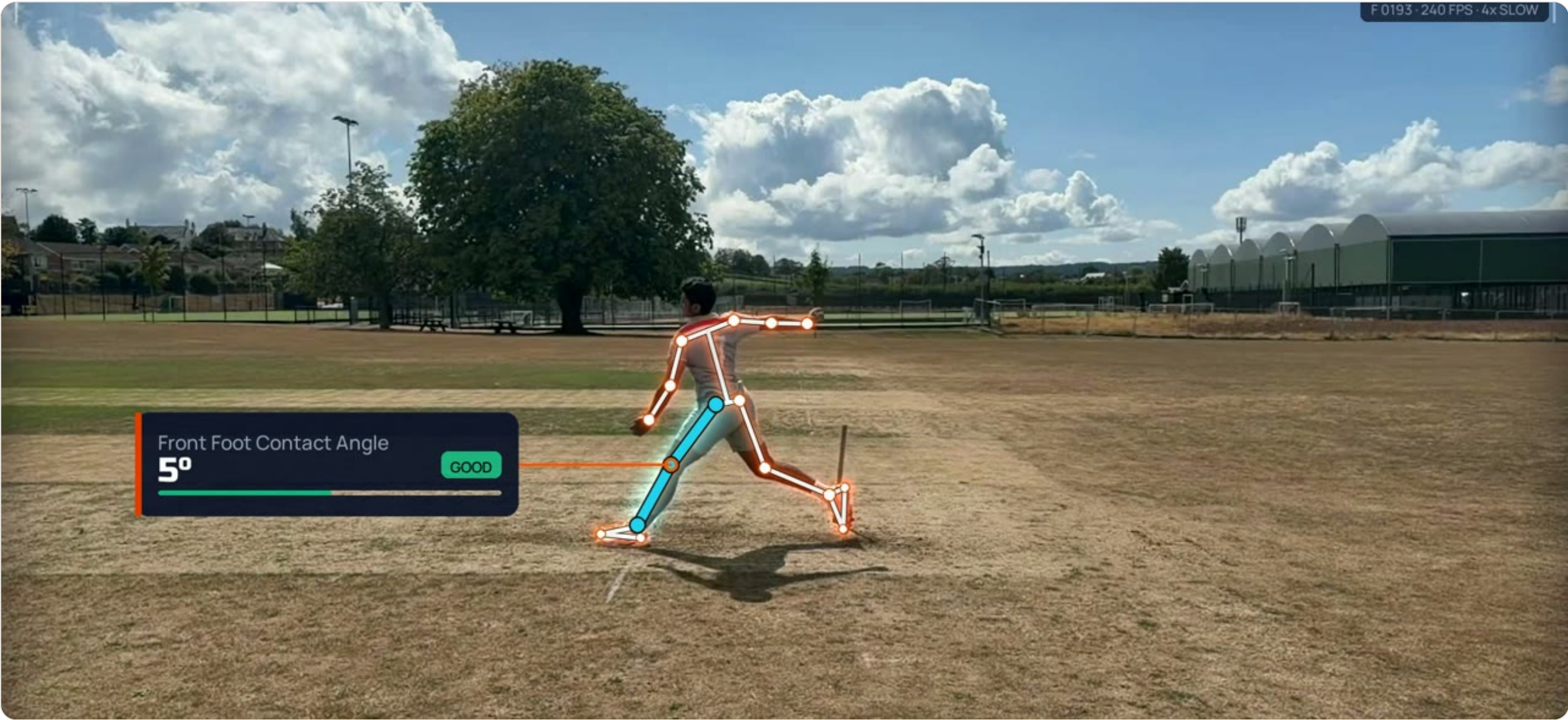
out with a stress fracture

24h

to see it in the action



26 joints. Every frame.



26

joints tracked

240

fps

every frame measured

11

metrics per delivery

TOTAL ATHLETE JOINTS TRACKED

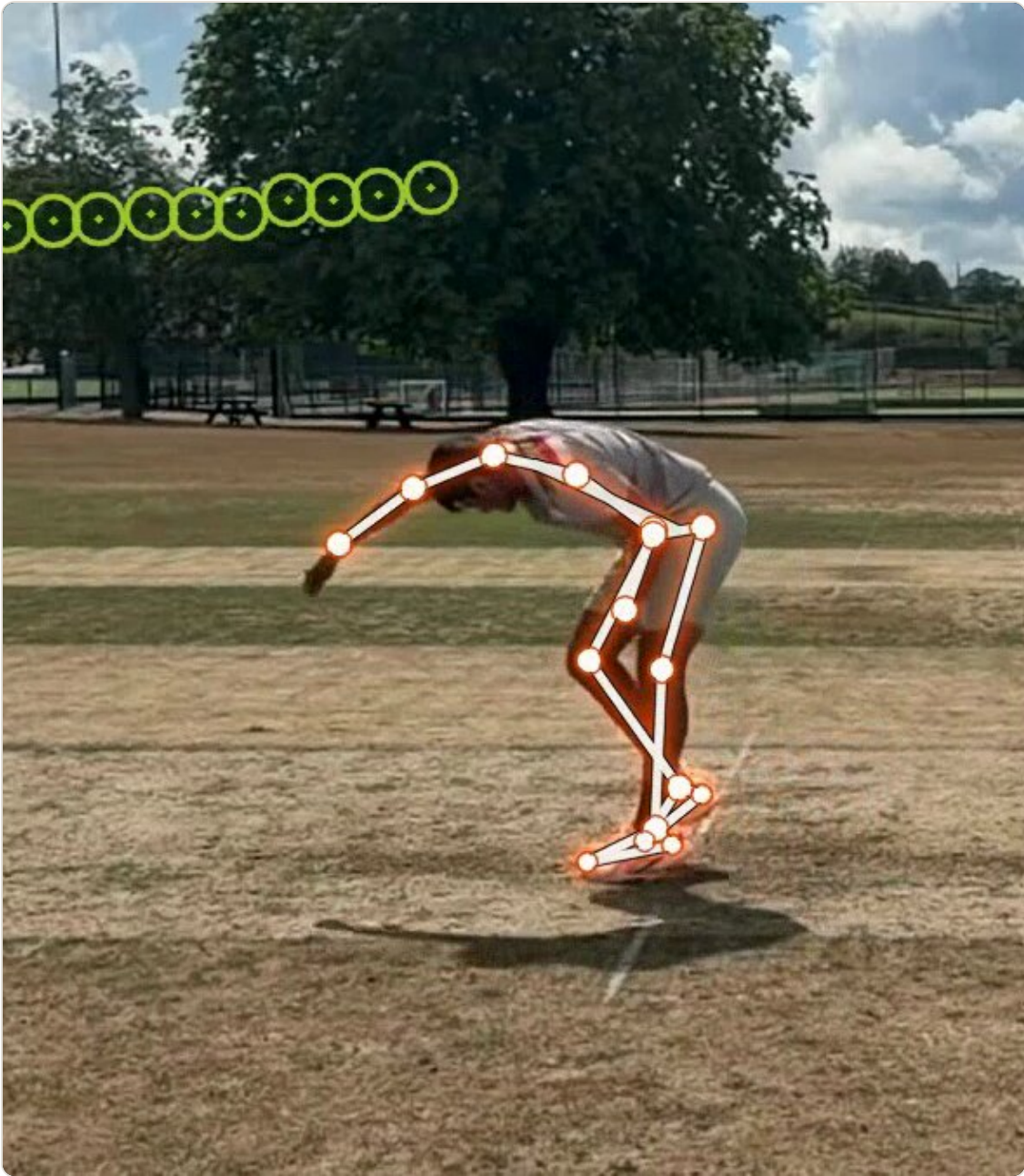
26,952,264

Film. Measure. Deliver.



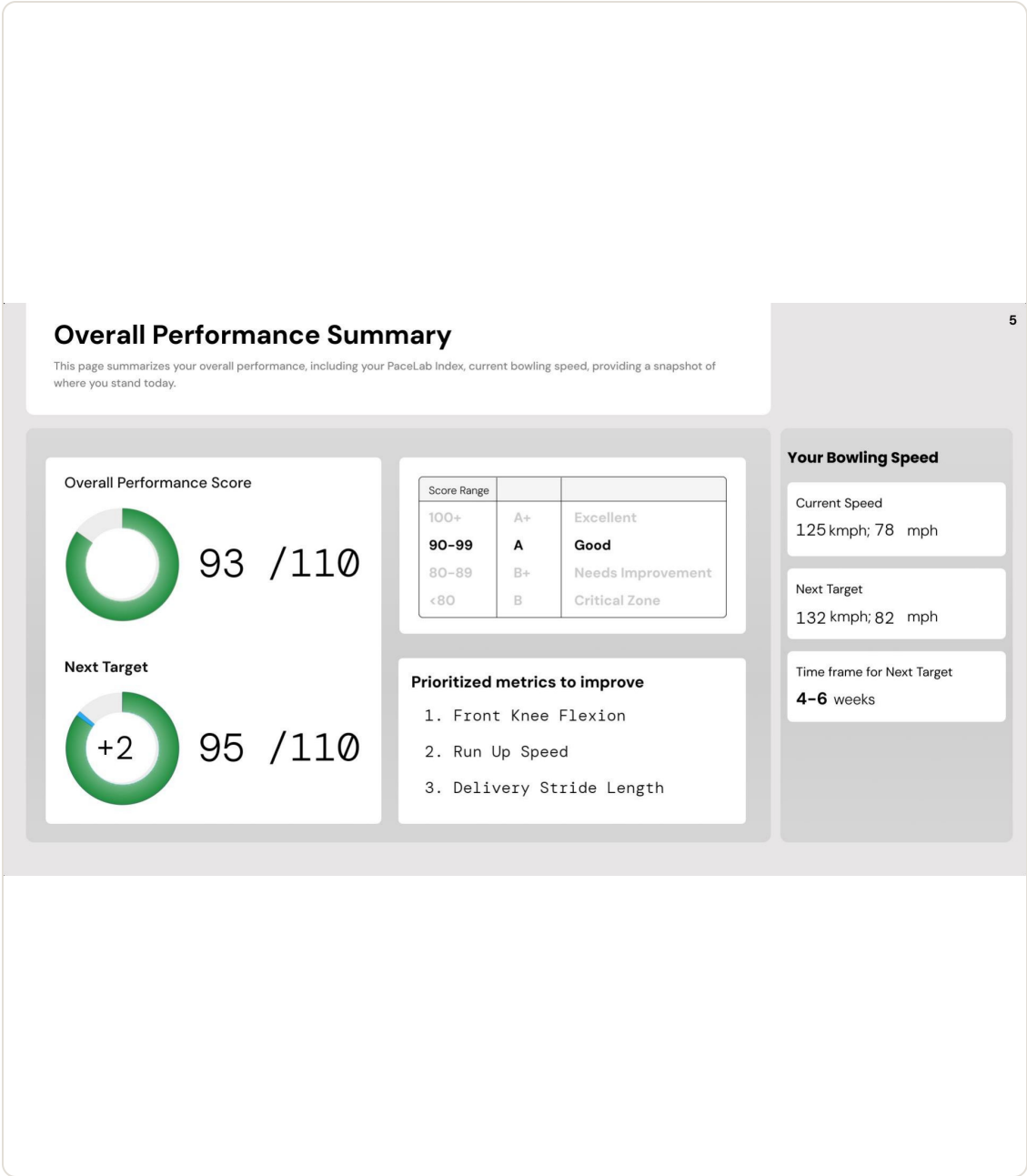
Film

Side on and from behind. A few balls.



Measure

Joints, angles, ball speed, risk.



Deliver

Video, report, dashboard. 24 hours.

TRUSTED BY



One engine. Three places.

Broadcast

with 3rd Eye TV



Elbow bend, both cameras, against the 15° line.



The 11 metrics, from the match cameras.

Every delivery. Speed, technique, elbow.

From the match cameras. Nobody leaves the ground.

Ball speed

with Yorker

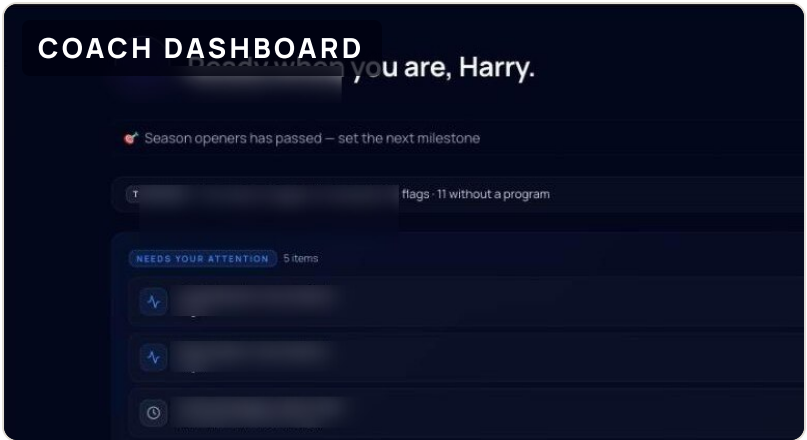


One camera. No radar.

Live in New Zealand and Australia.

Fast bowling platform

Pitchwolf app and dashboard



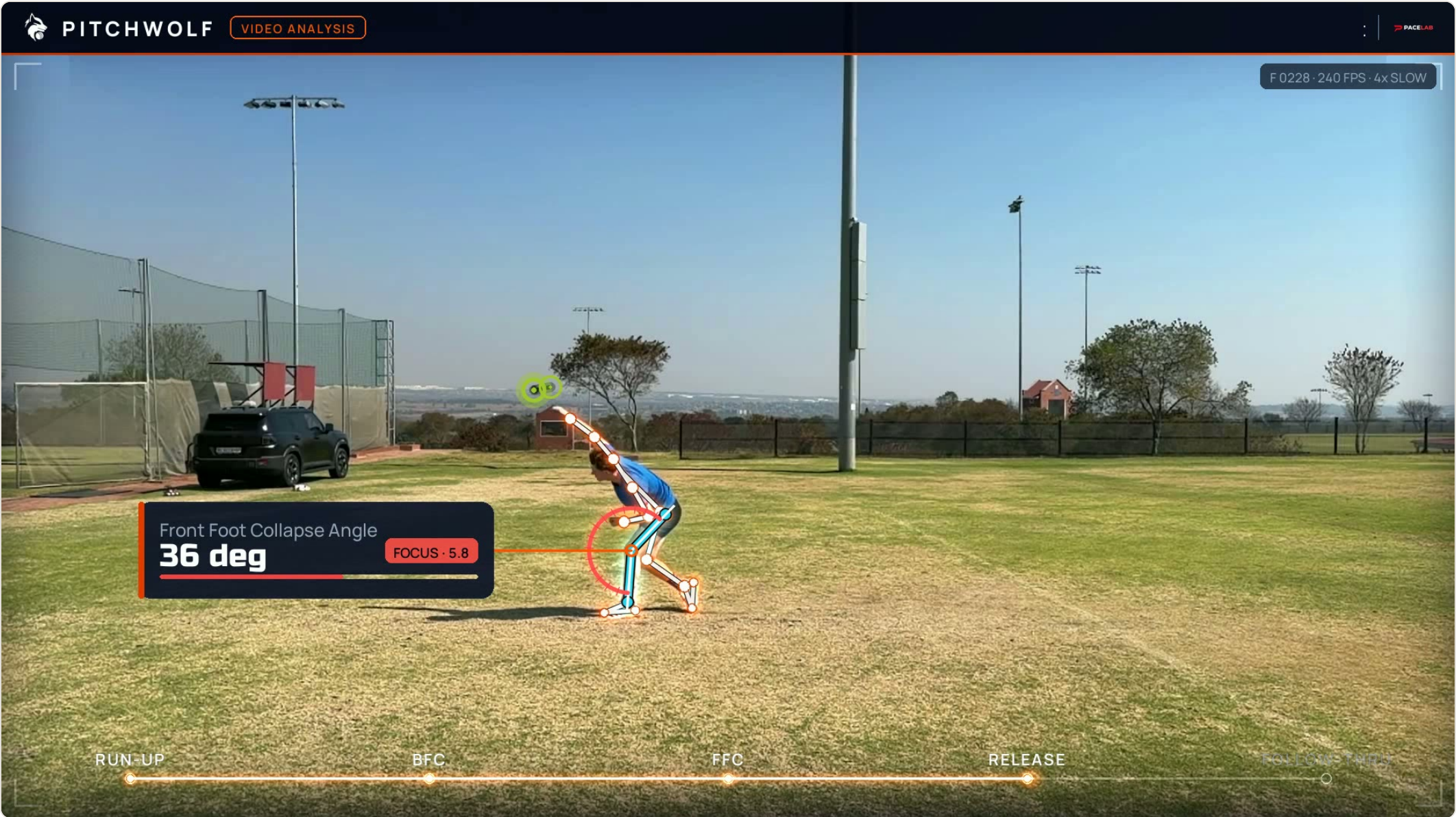
Every bowler. Both angles.

Performance Analysis and Injury Scan.

[Open the platform](#)



How does this bowler get quicker?



Click any metric to jump there.

125 km/h
BALL SPEED

93 / 110
SCORE · GRADE A

132 km/h
NEXT TARGET · 4 TO 6 WEEKS

APPROACH

IMPACT

DELIVERY

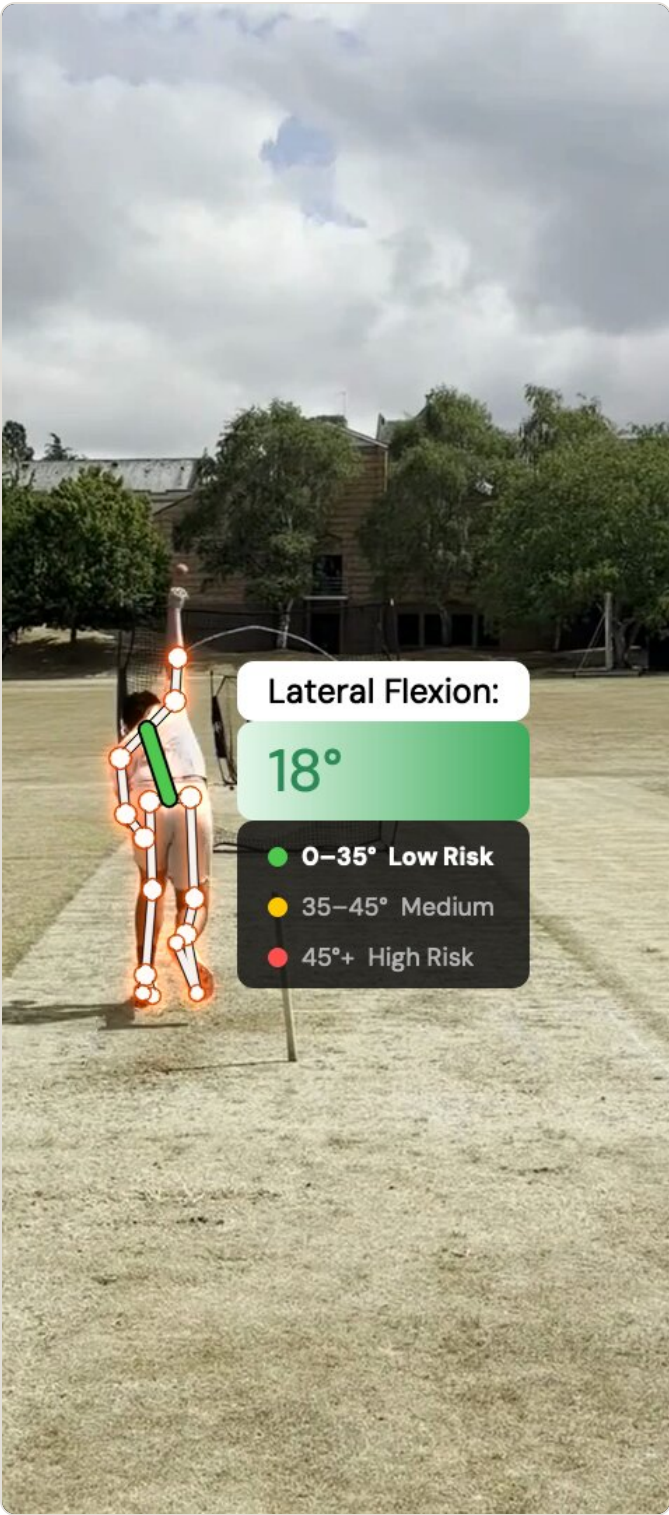
37 / 40

34 / 40

22 / 30

Run-up speed	24 km/h	8.4 / 10
Impulse stride length From the report	235 cm	9.8 / 10
Impulse stride contact	133 ms	10.0 / 10
Vertical jump	13 cm	8.7 / 10
Back foot contact	Toe	Good
Back-foot contact time From the report	170 ms	10.0 / 10
Back leg collapse	33 deg	6.7 / 10
Front foot contact angle	3 deg	Good
Front-foot contact time From the report	341 ms	7.1 / 10
Delivery stride	105 cm	7.8 / 10
Arm extension	Above shoulder	Focus
Front knee flexion	36 deg	5.8 / 10
Trunk flexion	39 deg	9.8 / 10
Arm speed	306 rpm	9.1 / 10

What is going to break?



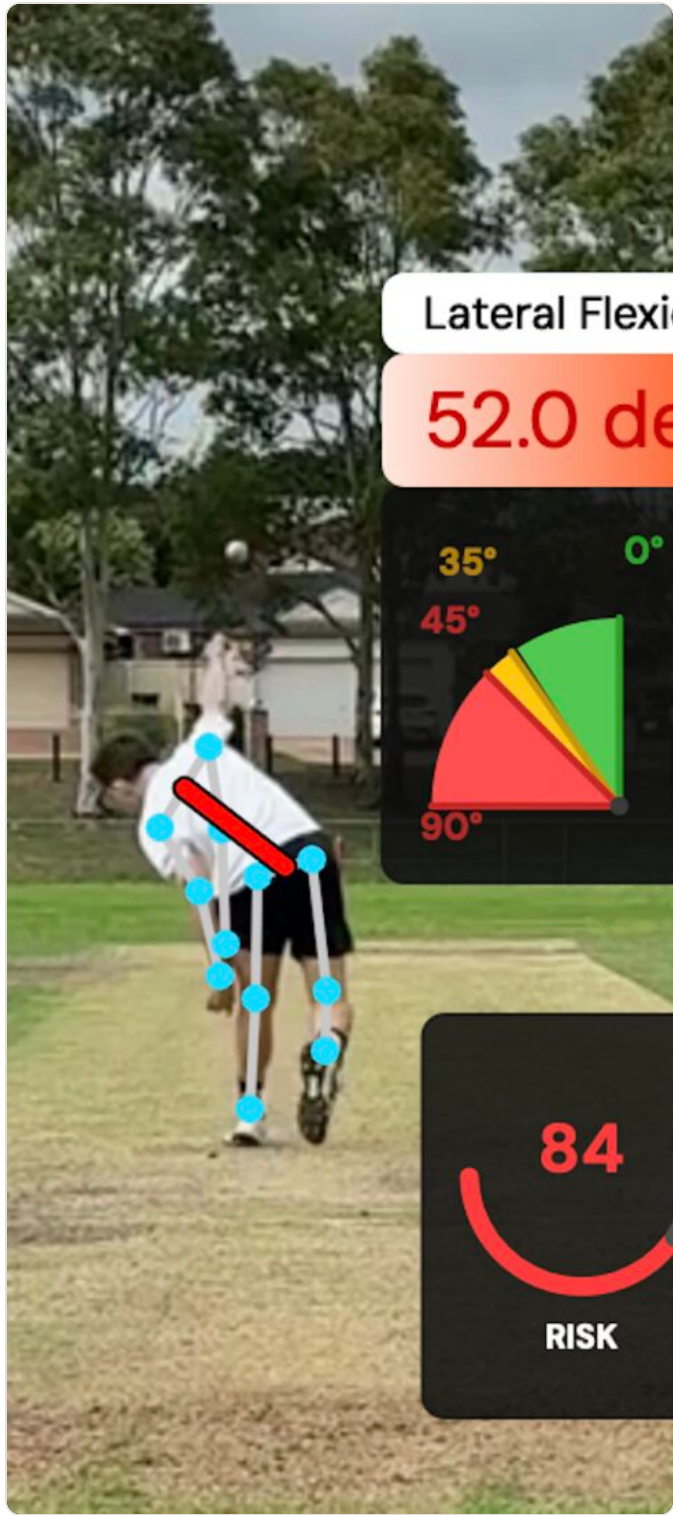
18° LOW RISK

Low. Maintain.



41° MEDIUM RISK

Medium. Core block, rescan in four weeks.



52° HIGH RISK

High. Workload managed now.

Lateral flexion at release



A screening tool for coaches, not a medical diagnosis.

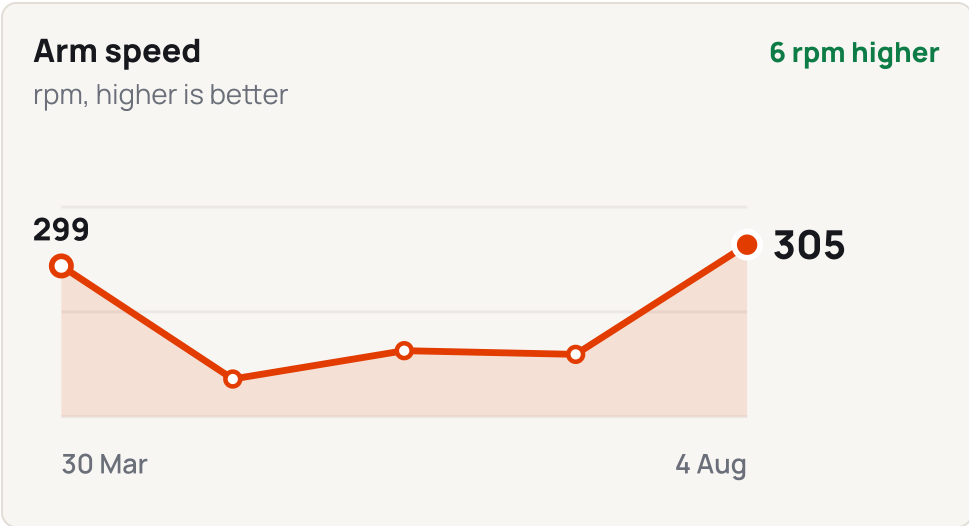
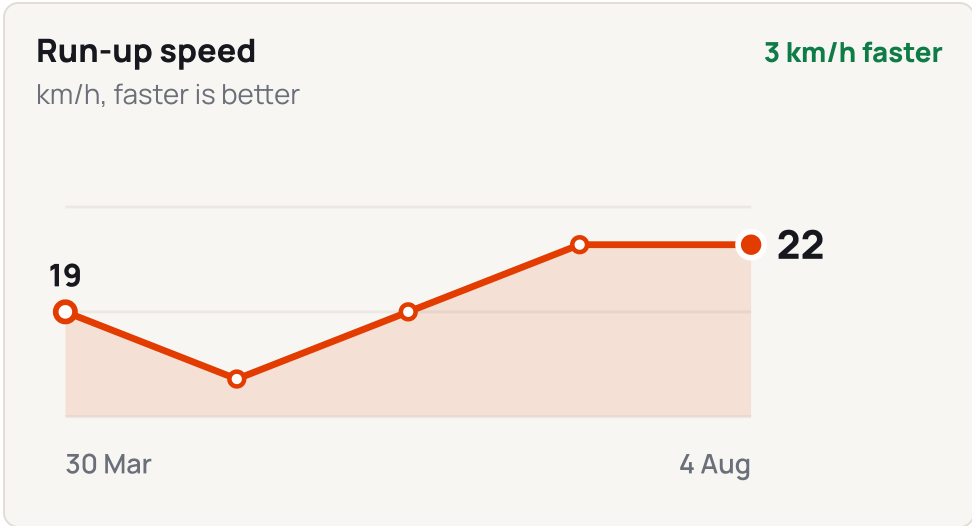
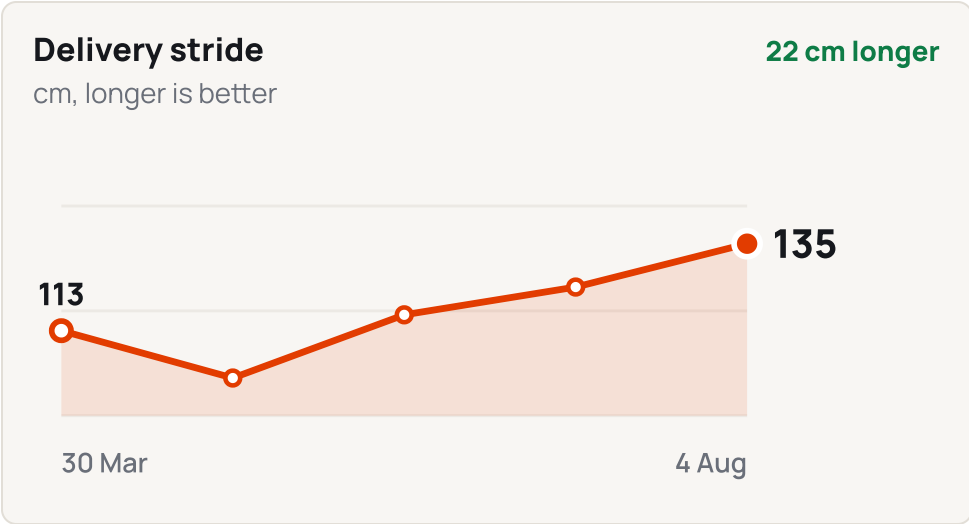
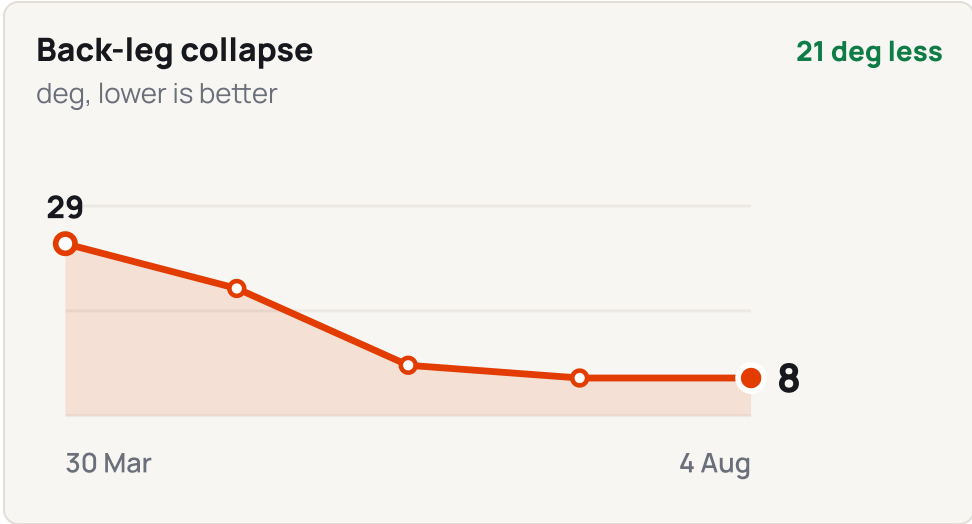
What the monthly cycle produces.

Case one · Getting quicker

A 19-year-old right-arm seamer at Middlesex CCC. 5 analyses, 30 Mar to 4 Aug 2026.

FIRST ANALYSIS → AFTER FOUR MONTHS

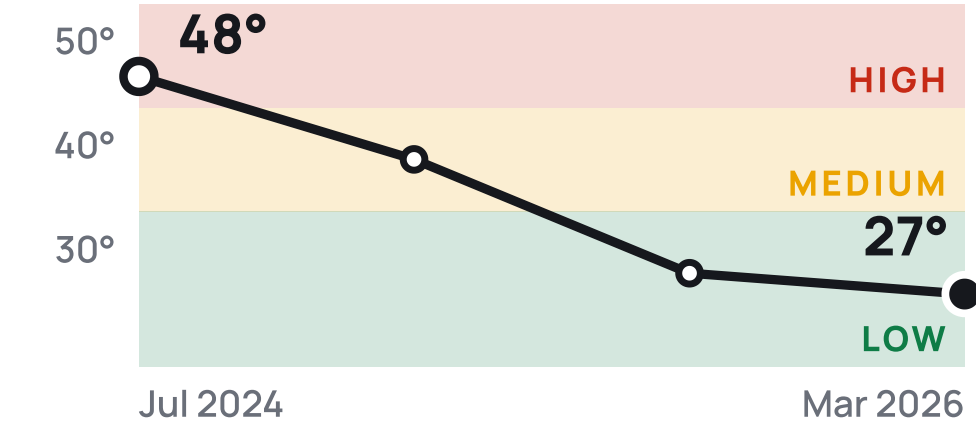
114 km/h → **127** km/h **+13 km/h**
AND A PACELAB GRADE OF A+



Arm speed dipped in June and July. The monthly scan caught it.

Case two · Getting safer

Lateral flexion at ball release. 6 scans across 4 sessions, Jul 2024 to Mar 2026.

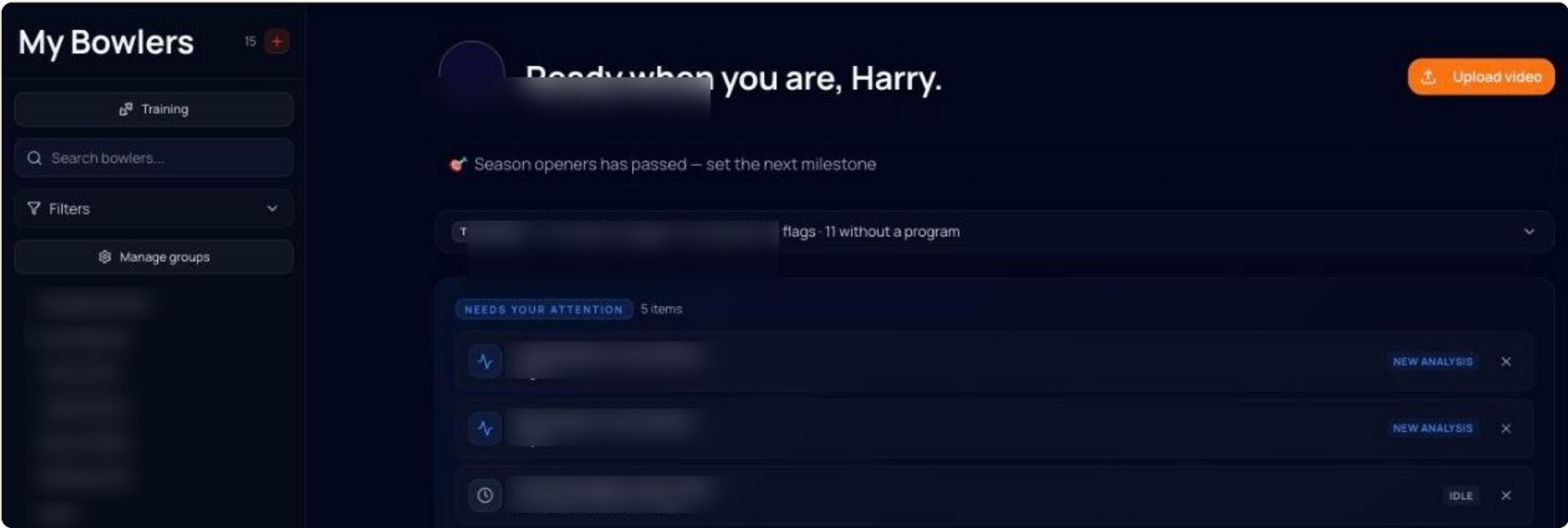


FIRST SCAN → LATEST SCAN

48° High risk → **27°** Low risk

Twenty-one degrees of side-bend gone. No single scan shows this. The line does.

The whole group on one screen.



Who bowled, who is new, who has gone quiet.

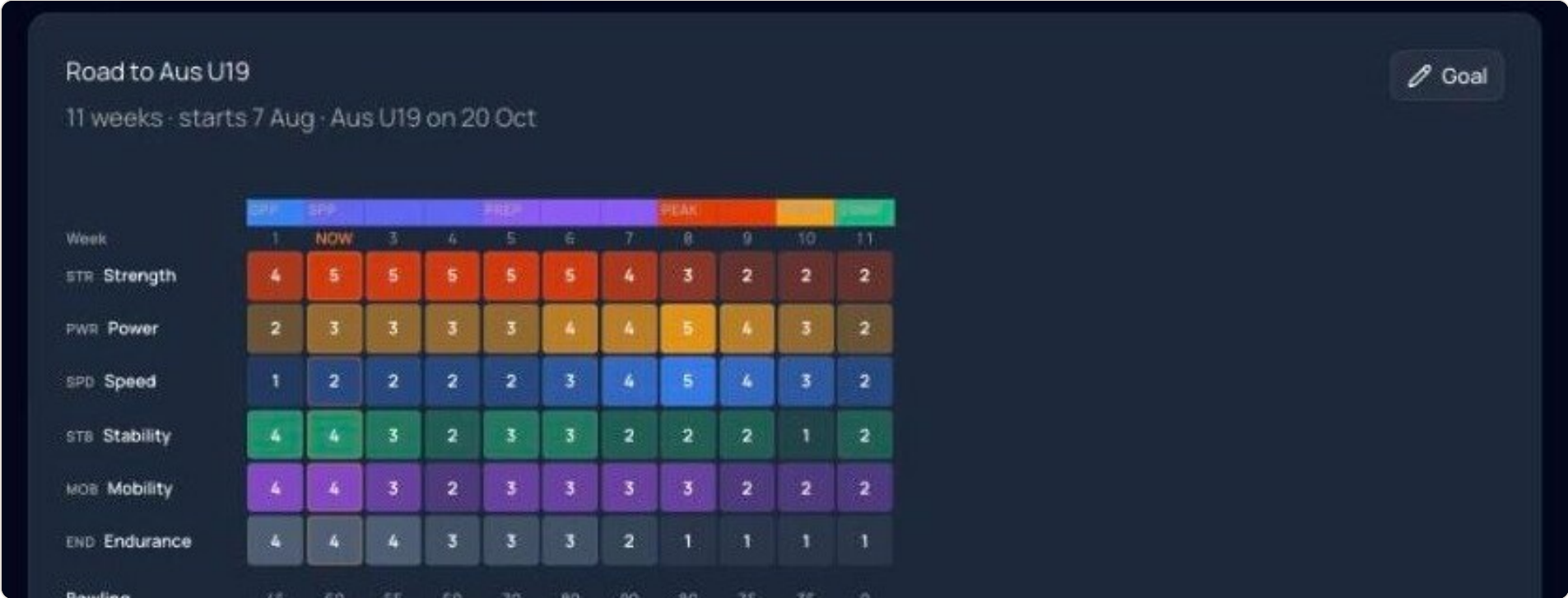
Squad leaderboard			CSK PACE GROUP · SAMPLE	
	BOWLER		SPEED	TECHNIQUE · P.I.
1	Arjun Mehta		131.4 km/h	92 / 110
2	Ishaan Verma	BEST P.I.	128.9 km/h	101 / 110
3	Rehan Khan		127.2 km/h	96 / 110
4	Aditya Rathore		126.5 km/h	88 / 110
5	Karan Iyer		124.8 km/h	97 / 110
6	Mohammed Faiz		123.1 km/h	90 / 110
7	Devansh Patel		121.7 km/h	84 / 110
8	Rudra Singh		120.4 km/h	86 / 110

Sample data, for illustration

6 Low risk

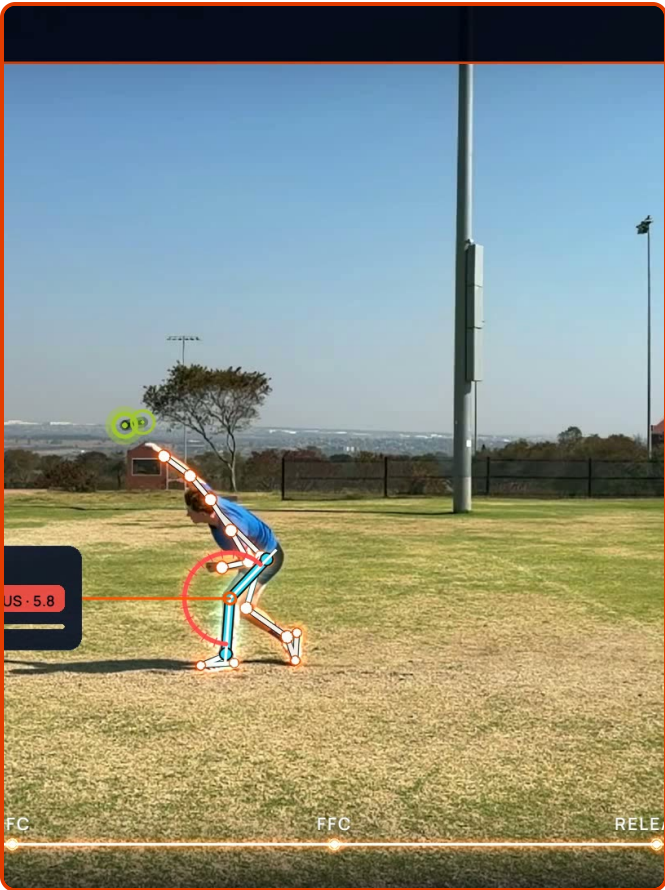
3 Medium risk

1 High risk



S&C programs built on the numbers. Six qualities, week by week.

The season, measured.



NOW · SEP
Pilot
Ten analyses. Five bowlers.



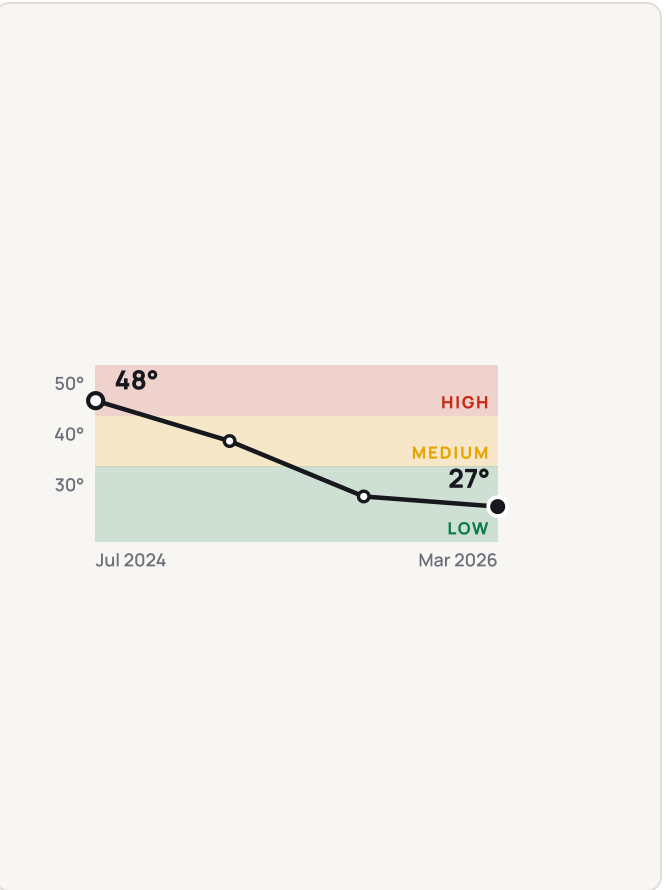
OCT TO DEC · DOMESTIC
Remote
Film at the state side. Dashboard stays live.



JAN TO FEB · PRE-IPL CAMP
Baseline
Every quick, both angles.



MAR TO MAY · IPL
Fortnightly scan
Workload calls on the angle.



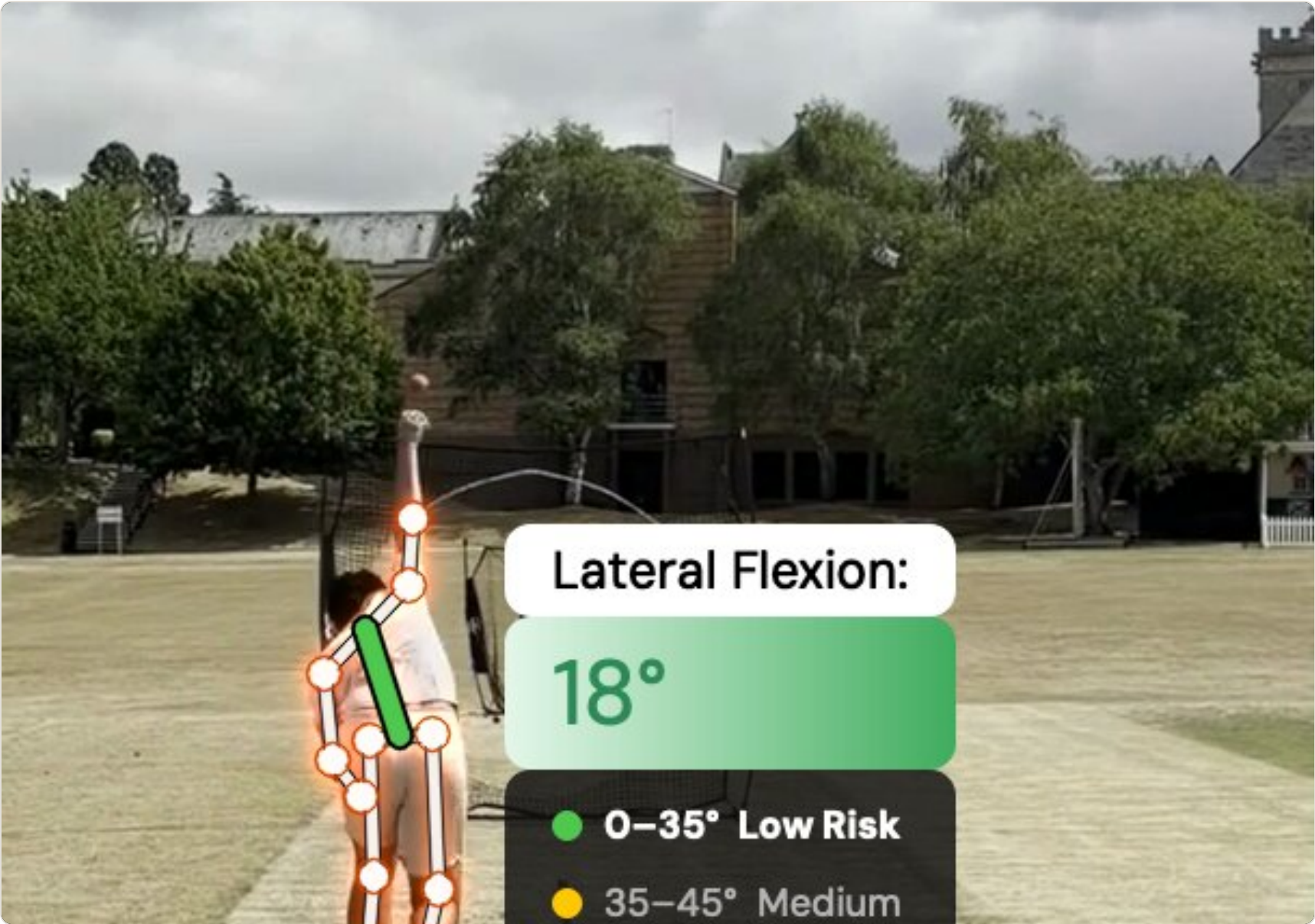
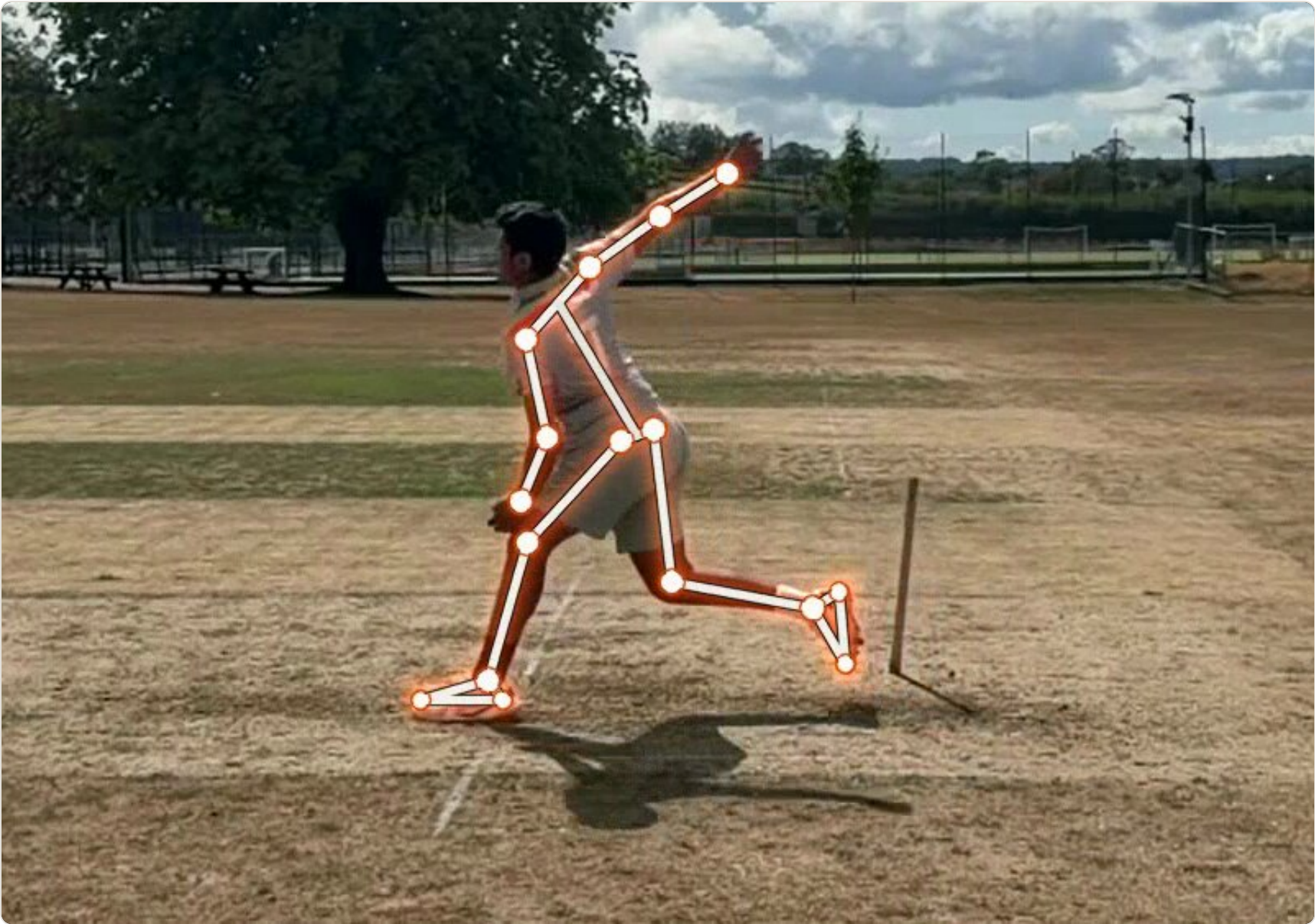
JUN · RETURN TO BOWLING
Track the way back
Watch the angles come back.

Senior squad
Same protocol every month.

Academy and pathway
One benchmark set, U15 to Pro.

Trials and scouting
Speed, technique and risk on one board.

Ten analyses, on us.



5 Performance Analyses Score out of 110, target speed, three drills.

5 Injury Scans Risk band, the correction, the rescan date.

1 One CSK account
Ten analyses loaded.

2 One nets session
Both angles, a few balls each.

3 24 hours
Ten reports, ten videos.

4 Walkthrough
With Kashyap and Steffan Jones.

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