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RESULTS: Seventy concussions were identified in NBA players. 49 players sustained a MSK injury in the 90-day post-RTP period (70%). Compared to controls, the odds of sustaining a MSK injury in the concussed cohort was 11.3 times greater (95% confidence interval 5.04-25.2, $P < 0.001$). Time missed after MSK injury was similar between the concussed and the control group (games: $P = 0.687$; days: $P = 0.99$). Comparisons over the 90-day post RTP period did not reveal any significant changes in points per game (PPG), minutes per game (MPG), true shooting percentage (TS%), or usage percentage (USG%) ($P > .05$). When compared to controls, no changes in performance statistics were significantly different ($P > .05$).

NBA players who sustain concussions are at a significantly increased risk for subsequent musculoskeletal injury within the 90-day post-RTP period. No significant changes in player performance were noted in the immediate 90 days after returning to play.

