

DRIVE HOCKEY

ANALYTICS

Elite Hockey Skill Development Case Study



Ron Johnson, B.Sc., M.Sc.

Ron holds BSc and MSc Degrees specializing in Hockey Biomechanics, and has been a professional hockey skills trainer and coach for 40+ years. He co-founded two international sport research companies, including NEXT Testing, who in early 2000's introduced timing gate technology for combines, working with the NHL, CHL, NCAA and amateur hockey. Ron has tested and trained thousands of amateur, junior, college, NCAA & pro players world wide.

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Player Performance & Cardiac Test tracking with AI based speed, acceleration, endurance, transition & puck handling analytics

2023 - Delta, Canada

Advanced Binary Testing of 20+ Players in under 20 min!

Ron Johnson takes a scientific approach to training and developing young players into some of the top professionals in the world. Working with Drive Hockey, Ron developed an on-ice binary testing model that can be tracked and processed by Drive Hockey to produce rich player performance and evaluation analytics. The method mirrors the skating and physical 'load' of a typical high intensity hockey shift of 40-45 sec. The test was done for 23 players within a 20 min. time-frame, with each having a practice rep and 3 live reps. Our system tracked every player, and used AI-driven processing to create highly accurate and rich speed, acceleration, endurance, transition and puck handling analytics.

Individual Reports

Each player received a breakdown of key physical attributes benchmarked against top performers. Report highlights how individual player abilities match up to opposing abilities in key situations:

- as Puck Carrier
- as Puck Support
- as Defender



"Being a pioneer of on ice performance testing, first with Excel Hockey in 1996 and later with Next Testing in 2005, Drive Hockey has taken on ice performance and data tracking to another level that will unquestionably launch a new era of analytics."

- Ron Johnson