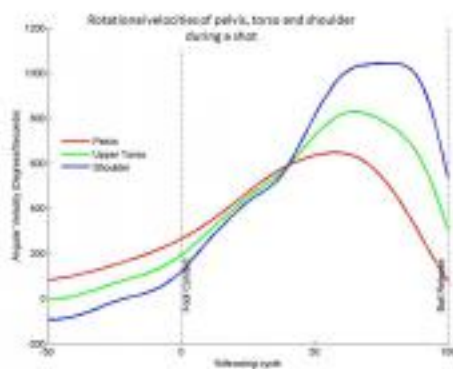


Lacrosse Shooting or Throwing



[1]The UF SPC is the first center the country to develop and analyze lacrosse shooting and throwing motion for all player positions in both men and women. Lacrosse is among the more complex and fast sports, requiring precision, speed and ambidexterity.



[2]What we can tell you:

- How well you can transfer your energy from the lower to the upper body before ball release
- Position of your body and joints for optimal form
- Areas where training may help you with power in your shot
- How much separation you get between your pelvis and shoulders when you crank back and follow-through. This is like the X-factor in golf! Better separation can mean better shot speed!

Symmetry Index: Using data from high school, collegiate and professional players, we have developed our Symmetry Index score (see [US Lacrosse Mag in November 2015](#) [3] for its application with the Thompson Brothers Lacrosse program) to see how well you perform with your right and left!

Lacrosse Shooting or Throwing

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[4]

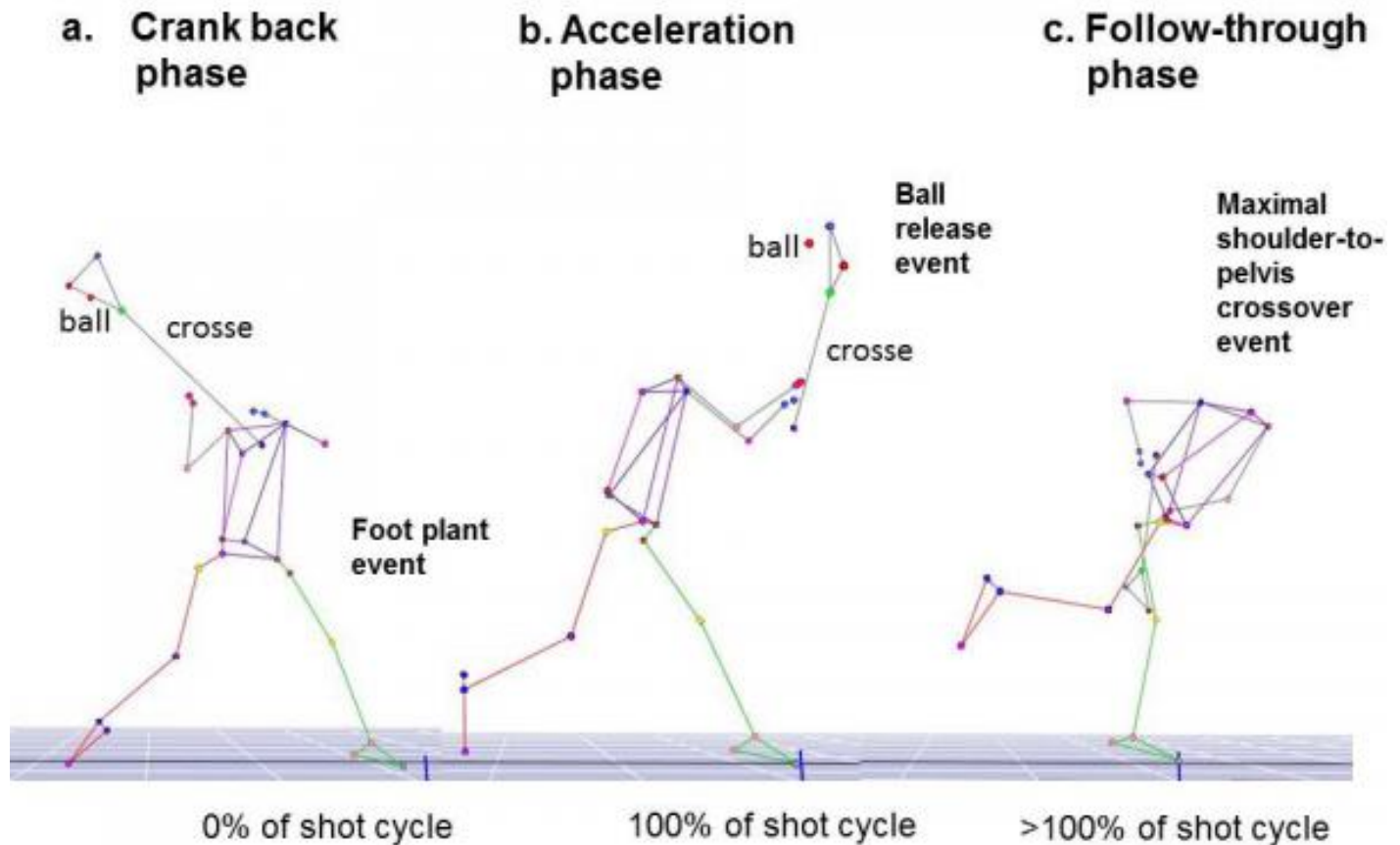


[5]

Motion Analysis:

- A full biomechanical evaluation of your throwing or shooting motions in right and left arms will be performed. High speed video will be filmed during your throws from the front and side. A complete report of joint kinematics and body segment rotations and rotational speeds will be generated.
- Your data will be compared to other players in similar positions.
- Clinical interpretations and recommendations for reducing injury or repairing current injury will be provided.
- A full report, consult and a flash drive video copy of your shooting motions and electronic will be provided.
- Sample motion analysis models are shown below.

Figure 1.



[6]

UF SPC Publications on Lacrosse

- [Rehab and Prehab for Lacrosse](#) [7] (2019)
- [Core and Back Rehabilitation for High-speed Rotation Sports: Highlight on Lacrosse](#) [8] (2018)
- [Review of Lacrosse-Related Musculoskeletal Injuries in High School and Collegiate Players](#) [9] (2015)
- [Kinematics of Shooting in High School and Collegiate Lacrosse Players With and Without Low Back Pain](#) [10] (2016)
- [Shooting motion in high school, collegiate, and professional men's lacrosse players](#) [11] (2015)

Want to schedule this test?

Please call us at (352) 273-7371 or email us ufspc@ortho.ufl.edu [12].

Our hours generally are:

- Monday - Friday

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- 8am - 5pm

Please inquire about special time requests.

Source URL:<http://ufsportsperformance.com/lacrosse-shooting-or-throwing>

Links

[1] <http://www.ufsportsperformance.com/sites/ufsportsperformance.com/files/imagepicker/1/lacross-blur-crop.jpg> [2] <http://www.ufsportsperformance.com/sites/ufsportsperformance.com/files/imagepicker/1/rotational-velocity.jpg> [3] <http://www.ufsportsperformance.com/news/2015/vincent-and-uf-sports-performance-center-highlighted-in-the-november-issue-of-lacrosse-magazine> [4] <http://www.ufsportsperformance.com/sites/ufsportsperformance.com/files/imagepicker/1/lacrosse-magazine-nov-2015-cover.jpg> [5] <http://www.ufsportsperformance.com/sites/ufsportsperformance.com/files/imagepicker/1/lax-proof-page.jpg> [6] <http://www.ufsportsperformance.com/sites/ufsportsperformance.com/files/imagepicker/1/lacrosse-motion-analysis.jpg> [7] <http://ufsportsperformance.com/sites/ufsportsperformance.com/files/pdf/lacrosse/rehab-and-prehab-for-lacrosse-2019.pdf> [8] <http://ufsportsperformance.com/sites/ufsportsperformance.com/files/pdf/lacrosse/final-paper-lacrosse-core-rehab-2018.pdf> [9] <http://ufsportsperformance.com/sites/ufsportsperformance.com/files/pdf/lacrosse/pub-lacrosse-injuries-review-2015.pdf> [10] <http://ufsportsperformance.com/sites/ufsportsperformance.com/files/pdf/lacrosse/pub-lacrosse-motion-in-players-with-without-lbp.pdf> [11] <http://ufsportsperformance.com/sites/ufsportsperformance.com/files/pdf/lacrosse/pub-lacrosse-motion-paper-2015.pdf> [12] <mailto:ufspc@ortho.ufl.edu>