Strength, conditioning program helps prevent lacrosse injuries

Lacrosse is one of America's oldest sports with roots in Native American culture.

Today it is one of America's fastest growing sports played by athletes of all ages. Because lacrosse is a free-flowing, fast paced sport with quick changes of direction this can lead to non contact ligament injuries especially to ankles and knees. Boy's lacrosse is considered a moderate contact sport with full shoulder pads and chest protector, whereas girl's lacrosse is relatively non-contact and the only



protective equipment is goggles. The difference between girl's and boy's lacrosse can lead to a slightly different set of injuries, but both are at risk to various contact injuries.

While common contact injuries may be difficult to prevent (contusion, concussion, fracture), proper training and preparation can help reduce non-contact injuries such as muscle strains, ankle and knee sprains. Knee and ankle sprains not only are among the more common lacrosse injuries, they also can result in a longer injury recovery time. The most familiar knee sprain is an anterior cruciate ligament (ACL) tear. It typically requires surgery and minimum four month rehabilitation. Proper training has been proven to reduce the incidence of ACL tears.



To help prevent these injuries, Dr. Steven Chudik, board certified orthopaedic surgeon and sports medicine physician, along with his health performance team, Larana Stropus and Keith Tesch, developed a research-based in-season strength maintenance program. The program is quick and efficient and should be properly incorporated around games and practice schedules and avoid training too close to a specific competition and negatively impacting performance.

To download this free program and other free sports injury programs from Dr. Chudik and OTRF, visit the OTRF website, otrfund.org and click on the sports performance tab. Or, you can email contactus@chudikmd.com for a printed version. Make sure to include your mailing address.