concussion education

Brought to you by



C.S. Mott Children's Hospital Pediatric Trauma Program

BRAIN PROTOCOL **N**0 A step-by-step gradual process for return to play RESTRICTIONS BIKE Increase heart rate with sustained effort Must be cleared while keeping the head as still by a doctor N RFD as possible. RUN Adds mental Adds mental Adds simple, repetitive movement. functions of functions of normal workout/ normal workout/ drills. No contact drills. No contact **AGILITY A**GII ITY Adds more explosive movement and asks the brain to do more complex function. Adds athletic Adds athletic Adds athletic movements and movements and movements and **IN RED** explosive effort explosive effort explosive effort Adds usual drills and workout while RUN avoiding all physical contact. ("In Red" refers to the red jersey players Adds simple Adds simple Adds simple Adds simple repetitive repetitive repetitive repetitive wear to signify that they are NOT to movement movement movement movement be hit.) BIKF **NO RESTRICTIONS** A doctor must clear the athlete before Increase heart Increase heart Increase heart Increase heart Increase heart this step. rate with rate with rate with rate with rate with sustained effort sustained effort sustained effort sustained effort sustained effort An athlete cannot start the protocol until there are no remaining symptoms.

- Athletes 18 years old or younger **must wait at least 24 hours between each step**, without symptoms.
- If the **symptoms return, the protocol MUST stop**. Once ALL symptoms are gone again, the process restarts by repeating the last step completed before symptoms returned.