

Materials List for

# An Inertial Measurement Unit Based Method to Estimate Hip and Knee Joint Kinematics in Team Sport Athletes on the Field

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## Materials

Name	Company	Catalog Number	Comments
Computer software	The MathWorks, Inc., Natick, MA, USA		Matlab Version 2018b
Cones	Nike		n = 4
Double-sided adhesive tape			For attaching IMUs on the skin
Inertial Measurement Units	MPU-9150, Invensense, San Jose, California, United States		n = 5; Dimensions: 3.5 x 2.5 x 1.0 cm; Weight: 0,011 kg; Sample frequency: 500Hz; Accelerometer: ± 16 G, Gyroscope: ± 2000 °/s
Measuring tape			Minimal length: 30 meters
Pre-tape spray	Mueller Tuffner, Mueller Sports Medicine, Inc., Wisconsin, United States		Contents: 283 g
Stretch Tape	Fixomull, BSN Medical, Almere, The Netherlands		