



PREP Tom PLAY

COACHING MANUAL

ENHANCE PERFORMANCE & REDUCE INJURY. A PROGRAM FOR COMMUNITY FEMALE AUSTRALIAN FOOTBALLERS







In collaboration with



Sport and Exercise Medicine Research Centre

PREP T PLAY INTRODUCTION



Enhance performance and reduce injury

- Information and content in Prep to Play was developed during a collaborative project between the AFL and La Trobe University
- Content is informed by best available evidence, as well as expert opinion from coaches, players and medical staff
- Prep to Play is designed to give structure, guidance, education and resources to assist clubs to further develop their existing programs

The PREP TO PLAY strategy is a program informed by previous research^{20,21,22} designed to reduce the risk of injuries and enhance performance.^{23,24,25}

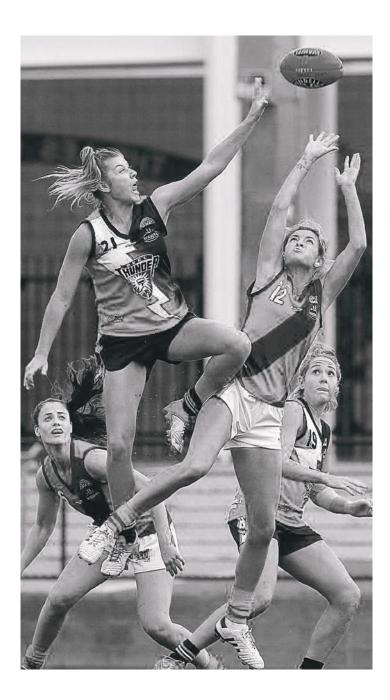
Coaches should go to coach.afl/female-football to access video resources which complement this coaching manual.

This program focuses on reducing serious knee and head injuries by:

Improving athlete muscle function and movement quality during change of direction and landing activities.



Improving safe execution of ground balls, aerial contests, tackling and being tackled.





PREP TO PLAY WHY DO WOMEN NEED TO PERFORM INJURY REDUCTION PROGRAMS?



In all sports, women have a 2-5x greater risk of serious knee injury compared to males.^{1,2,3,4} In the first 2 AFLW seasons, this rate was higher again.⁵



Greater Risk of ACL Injury for AFLW.

Female players also had double the risk of sustaining a concussion in the first two AFLW seasons.

70-80%

of head injuries in AFLW occur during tackling (or being tackled), ground balls or aerial contests.

Despite limited injury surveillance data, serious knee and head injuries are a priority in community level football.²⁶



of ACL injuries occur in non-contact positions when decelerating and changing direction, or landing on one leg. Deceleration and changing direction ACL injury mechanism





PREP TO PLAY BENEFITS





REDUCE INJURY BY UP TO 50%*

* Benefits based upon similar programs ^{20 21 22 23 24 25}

Increase athletic performance

Speed, vertical jump, agility, strength.





Increase player availability for games

Increase chance of winning games

INJURIES CAN BE REDUCED But only when you stick with THE PROGRAM!



Benefits are greater if the program is performed 3x per week compared with once per week.



PREP TO PLAY TRAINING OUTLINE EXAMPLE



All dynamic warm-up and football specific skills are outlined with examples of good and poor technique on pages 10, 12 and 14.

DYNAMIC WARM UP 15 mins at the start of every training session	 Phase 1: General warm-up & mobility Phase 2: Movement skills (jumping/landing, deceleration & change of direction) Phase 3: Strength & activation (additional 10 minutes can be prior to, during or post-training, coach or player led)
FOOTBALL SKILLS	In addition to kicking and handballing, time should be
Craft & technique (15 mins)	 dedicated to educate players on safe and effective execution of the following skills: Tackling & being tackled Ground balls Aerial contests
PROGRESSIVE DRILLS Decision-making and small-sided games	Once good technique is observed progress intensity by increasing contact, speed, unpredictability, or making it a competition. Progress to small-sided games (e.g. 4 v 3, or stoppage into backs vs. forwards).
PHYSICAL PREPARATION	Coaches should provide the opportunity (or encourage players) to develop cardiovascular fitness and muscular strength to cope with physical demands of the game. Strengthening exercises are provided on page 14. These can be completed as a part of training, or independently. No equipment is required.
EDUCATION	 Athlete wellbeing may also play a role in performance and injury risk Encourage healthy eating, sleeping, and hydration Ensure players are managing injuries, and gaining medical clearance when appropriate



PREP TO PLAY HOW DO I KNOW IF AN ATHLETE HAS GOOD TECHNIQUE?



The following pages outline:



VS





For dynamic warm-up activities and football specific skills (tackling, being tackled, ground balls and aerial contests).

You may also access the video resources on coach.afl/female-football for example of good and poor technique, and game examples.

Coaches play a vital role in providing feedback for:

- Movement performance
- Motor learning and retention
- Player adherance

To encourage athletes to learn the correct techniques, you may also direct them to the Prep to Play manual or posters, or to the videos on coach.afl.



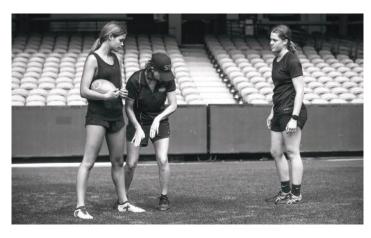
PREP TO PLAY HOW TO PROVIDE FEEDBACK



Strategies which may maximise learning of football and movement skills include:[®]

- External or goal-related cues:¹⁷ Use external cues such as "get low" rather than describing coordination of body parts such as "bend your hip and knee."
- Give positive feedback on correct technique to increase confidence and motivation. Prompt players to note how technique feels, or the output (e.g. higher jump or effective tackle). This will improve motor learning.
- **3** Teammate feedback: Once competency is established, get players to observe each other and provide feedback. This will increase competitiveness and motivation.¹⁹

Examples of technique and cue words are given for the dynamic warm up and football specific skills are provided on pages 9-23.





TIMING AND TYPE

Immediate verbal or visual feedback Provide verbal feedback during or immediately after the activity. Combine with visual demonstration with the player/group.



Video Playback

Coaches may wish to film a player performing a skill to provide feedback, or utilise match footage if available.





PREP TO PLAY EFFECTIVE SKILL PROGRESSION





Coaching tip: Where possible progress task difficulty using the principles below

Start with simple activities, in controlled, uncontested, situations. Skills should be closed with minimal decision making. Progress difficulty if good technique is observed (see posters on pages 9-23)

Progress difficulty by

- > Increasing speed, intensity (e.g. jump higher/further) and amount of contact
- > Making activities less predictable (e.g. Players change direction in response to coach hand signal or whistle)
- Increasing attentional demands and decision making (e.g. whilst performing agility drills players call out the number of fingers the coach is holding up)
- Ensure good technique during warm-up activities (e.g. jumping and landing) is transferred into football specific activities (marking/spoiling)
- > Ensure good technique of football skills are transferred into small-sided games and match play

NOTE: For the dynamic warm-up there are three predesignated levels of difficulty:

- 1. Foundation warm-up program
- 2. Development warm-up program
- 3. Advanced warm-up program

Refer to pages 9-14 for guidance on what level is suitable for your group, and progress using the above principles.



PREP TO PLAY FOUNDATION WARM-UP PROGRAM



Recommended for first time participants or those without exposure to a dynamic warm-up program

3 Parts

- 1. Mobility (5 mins)
- 2. Movement skills (5 mins)
- 3. Strength & activation (10 mins

Every training session Go to coach.afl for game-day

6-8 Weeks

Then progress to Development program



Part 1 Mobility (5 mins) Set up →

Players perform the warm up activities to the 4th cone, then jog through to a coach to receive ball. Activities can also be performed on the way back to save time. Purpose: Take body through all movements & activate key muscles. Perform 10 metres of each movement unless otherwise indicated.



Coaching Tip > **Time saver: Combine with warm up ball skills** i.e. Kick to a partner at end cone, then do activity. Coach/parents/injured players can give handball/ground ball/kick as players run through.



LUNGE WALK Keep body straight.



HAMSTRING SWEEP Get low, sweep fingers to the grass, alternate sides.



OPEN/ CLOSE GATE

Lift knee to hip height. Sweep hip out to open sweep in to close, alternate sides.



ARABESQUE KNEE HUG

Extend leg behind balancing on 1-leg. Hug knee to chest for gluteal stretch.



GRAPEVINE Step one foot in front and then behind in a crossing motion. Face both ways. Keep body tall.



INCH WORMS

Pump heels up & down. Then keeping hands fixed, walk feet up to hands.



A-SKIP Skip forward driving one knee up to 90 degrees, skipping on the standing leg then alternate.



POGO BOUNCES Keep knees straight. Bounce forward in continuous motion keeping heels up.



HEEL FLICKS TO 70-80% STRIDE

While running forwards, flick heels to butt. Keep body tall.

Coaching Tip →

Get creative: You may combine these warm up activities and movement skills into a fun, competitive game. View the Foundation warm-up video on coach.afl for ideas.



PARTNER LEG SWINGS Swing leg forwards and backwards or side to



BALANCE AND HANDBALL

Balancing on one leg handball with a partner (x10 right, left).



PARTNER BUMP 90% STRIDE

3 bumps on each sid then run through.

PREP TO PLAY FOUNDATION WARM-UP PROGRAM



Following Part 1, the warm up should include 5-10 minutes of movement skills and strength exercises









Over 50% of serious knee injuries occur in position when decelerating and changing direction, or landing on one leg.

Part 2 1. Jumping and landing 2. Deceleration 3. Change of direction **Movement Skills**

Jumping & Landing Jump higher, be stronger in the air and land with balance.



SOUAT JUMPS





FORWARD JUMP



Deceleration Quick feet, respond to play, prepare for skills.



DOUBLE LEG STOP



1x each side

SINGLE LEG STOP Get low & use short



Change of direction Get low, dodge players and improve agility.

S-BENDS

Keep movements



Repeat 2x. Ensure body is leaning towards where you want to go like an ice-skater.







Can be performed prior to movement skills, or at the end of training. Can be player or coach led. If athletes are unable to do the full amount, let them have short break.

3 x 8-15 repetitions

SQUATS

Lower bottom to the Harder



BRIDGES



PLANK

and feet. Keep your

PREP TO PLAY DEVELOPMENT WARM-UP PROGRAM



Recommended as a progression from the Foundation warm-up program

3 Parts

- 1. Mobility (5 mins)
- 2. Movement skills (5 mins)
- 3. Strength & activation (10 mins

Every training session Go to coach.afl for game-day

varm up poster

6-8 Weeks

Then progress to Advanced program



Part 1 Mobility (5 mins) Set up >

Players perform the warm up activities to the 4th cone, then jog through to a coach to receive ball. Activities can also be performed on the way back to save time. Purpose: Take body through all movements & activate key muscles. Perform 10 metres of each movement unless otherwise indicated.



Coaching Tip →

Time saver: Combine with warm up ball skills i.e. Kick to a partner at end cone, then do activity. Coach/parents/injured players can give handball/ground ball/kick as players run through.



LUNGE WALK

Keep body straight, keep knees inline with hips.



HAMSTRING SWEEP Get low, sweep fingers to the grass, alternate sides.



OPEN/ CLOSE GATE

Lift knee to hip height. Sweep hip out to open sweep in to close, alternate sides.



ARABESQUE KNEE HUG

Extend leg behind balancing on 1-leg. Hug knee to chest for gluteal stretch.



GRAPEVINE Step one foot in front and then behind in a crossing motion. Face both ways. Keep body tall.



INCH WORMS

Pump heels up & down. Then keeping hands fixed, walk feet up to hands.



A-SKIP Skip forward driving on knee up to 90 degrees, skipping on the standin leg then alternate.



POGO BOUNCES Keep knees straight Bounce forward in continuous motion keeping heels up.



HEEL FLICKS TO 70-80% STRIDE

While running forwards, flick heels to butt. Keep body tall.

Coaching Tip →

Get creative: You may combine these warm up activities and movement skills into a fun, competitive game. View the Development warm-up video on coach.afl for ideas.



PARTNER LEG SWINGS Swing leg forwards and backwards or side to



BALANCE AND HANDBALL

Balancing on one leg handball with a partner (x10 right, left).



PARTNER BUMP 90% STRIDE

3 bumps on each side then run through.

PREP T PLAY DEVELOPMENT WARM-UP PROGRAM



Following Part 1, the warm up should include 5-10 minutes of movement skills and strength exercises







Over 50% of serious knee injuries occur in position when decelerating and

Part 2 **Movement Skills**

Jumping & Landing Jump higher, be stronger in the air and land with balance.

1. Jumping and landing 2. Deceleration 3. Change of direction



FORWARD JUMP





PARTNER PUSH



Deceleration Quick feet, respond to play, prepare for skills.

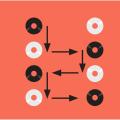


Change of direction Get low, dodge players and improve agility.



90 DEGREE CUTS

cut 90 degrees to the





PARTNER ZIG ZAG -**NO CONTACT**

to each other. Zig-zag



Ensure body is leaning towards where you want to go like an ice-skater.



Can be performed prior to movement skills, or at the end of training. Can be player or coach led. If athletes are unable to do the full amount, let them have short break.



3 x 8-15 repetitions

LUNGES



SINGLE LEG BRIDGE

off the ground as high



SIDE PLANK

PREP TO PLAY ADVANCED WARM-UP PROGRAM



Enhance

performance

Reduce injury by

up to 50%* *based on similar programs

Recommended as a progression from the Development warm-up program

3 Parts

1. Mobility (5 mins)

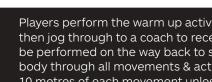
Part 1

lobility

(5 mins)

Set up >

Every training session



Players perform the warm up activities to the 4th cone, then jog through to a coach to receive ball. Activities can also be performed on the way back to save time. Purpose: Take body through all movements & activate key muscles. Perform 10 metres of each movement unless otherwise indicated.



Coaching Tip →

Time saver: Combine with warm up ball skills i.e. Kick to a partner at end cone, then do activity. Coach/parents/injured players can give handball/ground ball/kick as players run through.



LUNGE WALK



HAMSTRING SWEEP



OPEN/ **CLOSE GATE**



ARABESQUE **KNEE HUG**

Extend leg behind for gluteal stretch.



GRAPEVINE body tall.



INCH WORMS

Pump heels up & down.

HEEL FLICKS

TO 70-80% STRIDE

Keep body tall.



B-SKIP

your other leg.



POGO BOUNCES



SOMESAULT - JUMP





BALANCE AND HANDBALL



PREP TO PLAY ADVANCED WARM-UP PROGRAM



Following Part 1, the warm up should include 5-10 minutes of movement skills and strength exercises







Over 50% of serious knee injuries occur in position when decelerating and changing direction, or landing on one leg.

Part 2 Movement Skills (5-10 mins)

1. Jumping and landing 2. Deceleration 3. Change of direction

Jumping & Landing Jump higher, be stronger in the air and land with balance.



HOPS Hop as high as you can driving from your foot, knee and ankle. Keep knees in line with hips. Progression: Hop forwards x 5





PARTNER PUSH + TWIST

Jump high, turn in the air 90/180 degrees, have a partner bump you. Progression: Run and mark ball + bump in air.



Deceleration Quick feet, respond to the play, prepare for skills



Change of Direction Get low, dodge players and improve agility



PARTNER ZIG ZAG -CONTACT

Start on cones next to each other. Zig-zag and weave in & around each other as you move forwards.

Try to bump partner and compete for ground ball at the end





REACTIVE CHANGE OF DIRECTION

Cat and mouse: One player leads a zig zag while the other has to react and try to follow the exact path.

Variations: View the Advanced warm-up video on coach.afl for ideas





Can be performed prior to movement skills, or at the end of training. Can be player or coach led. If athletes are unable to do the full amount, let them have short break.



SQUAT Squat down as low as car be controlled, keeping bin knoo and foot in line

ONE LEG

be controlled, keeping hip, knee and foot in line. Push back up to standing completely upright.



HAMSTRING BRIDGE

With one foot on the ball lift your bottom off the ground as high as you can. Harder: Slide the ball away.





Lean on your elbow and lift hips off the ground. With your free arm reach under your body then back up again.

PREP TO PLAY GAME DAY WARM-UP



Game-day warm up should total 15-20 minutes

Part 1 General warm up and mobility (5-10 mins) **Part 2** Football specific warm up (10 minutes)

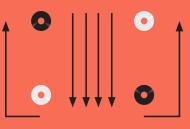
15 x 15m area

The game day program is based on the Prep to Play warm up prorgams – go to coach.afl for training warm-up programs.

Set up

Similar to Prep To Play warm up programs, set up a square of ~15 x 15m and perform each

Take body through all movements & activate key muscles



Part 1 namic warm-up (5-10 mins)



I UNGE WALK

ARABESQUE

KNEE HUG

Hug knee to chest for



HAMSTRING SWEEP

INCH

WORMS



OPEN/ **CLOSE GATE**

BUTT

FLICKS

B-SKIP vour other lea.

BUMP AND LAND



GRAPEVINE Face both wavs

Keep body tall.





AGILITY

PARTNER

LEG SWINGS Swing leg forwards

get low and use outside



Kicking, marking, handballing and tackling

Ensure players have opportunity to take the body through football specific skills (i.e. kicking, marking and handballing).

Progress to contested skills such as (i.e. tackling, aerial contests and ground balls.)







15

Coach



PREP TO PLAY GROUND BALLS



Reduce head, neck & shoulder injuries



Winning contested ground balls will improve team performance.

Coaches have a duty of care to dedicate training time to educate players on how to perform the skill safely.

Coaching Tip >

interpret this for players & discourage them from leading with their head towards oncoming contact.

"Putting your head over the ball" is an expression coaches may use. However, it's important coaches clearly

ACTIVE FEET & AWARENESS Prepare for ball/opposition movement GET LOW BEHIND BALL Get nails dirty OVERSTRIDE/FLAT-FOOTED Reaching/squatting for ball

Coaching Tip →

Remind players its okay to make mistakes or fumble, especially when they are trying new skills.

Football





Equipment required: Football, cones, 2 bump bags, and bibs for half your squad.

KEEP EYES ON THE BALL Until it is secured



Cones Bibs



PREP TO PLAY GROUND BALL DRILLS



TECHNIQUE: Uncontested ground balls

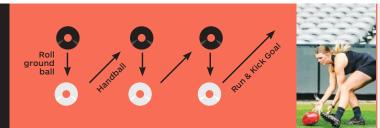
ACTIVITY 1 3-6 players 10 mins

Soccer Ball / Medicine Ball

- Round balls more predictable
- Medicine ball forces players to focus on picking the ball up and engaging their core and leg muscles to drive through the ball



ACTIVITY 2 8-10 players 10 mins 10 x 10m area



Coaching Tip

Practice ground balls followed by execution of another skill (i.e. handball or kick) E.g. one-up, one-down in lanes. Increase intensity by making it a competition.

PROGRESSIVE DRILLS: Contested ground balls

ACTIVITY 3 8-10 players 10 mins 10 x 10m area Drill Variations Rolling ball, vary direction of appro<u>ach/contact</u>



Small groups: At least 4 players in line, 1 feeder, 1 with bump bag, 1-2 receivers

ACTIVITY 4

8-15 players 5-10 mins 10-15m circle area Drill Variations Add a third number. Smaller area favours tackler, more inside tackles



→ Number players '1', '2'... etc.

→ '1' and '6' compete

Progression Circle of death 30 second repeat efforts: 2 players get ground balls off outside players whilst getting bumped by 2 players

SMALL-SIDED GAMES

ACTIVITY 5 14-30+ players 10min

5-8 x 5-8m area Drill Variations Larger area, less defenders favours ball carrier & opportunity for clean possession



One up, one down grids

Coaching Tip Get players to take turns feeding the balls. Coaches - coach!

PREP TO PLAY



Reduce head, neck, and shoulder injuries



Coaches have a duty of care to dedicate training time to educating players on tackling technique.

COACHING POINTS: Inside tackle (Tackler close to ball-carrier)

Coaching Tip →

Provide immediate positive feedback on good execution of tackling.



GET LOW: Stay low ➔ Active feet. Drive legs DRIVE LEGS Use momentum

Flat footed



COACHING POINTS: Outside tackle (Tackler has to run to close space)



Quick steps & feet close Inside shoulder

CORRAL TOWARDS SIDELINE Aim for inside shoulder ➔ Roll & drop. protect opponent, don't sling

OVERSTRIDE Lunge & reach = ineffective tackles Higher risk position for serious knee injury

PREP TO PLAY TACKLING DRILLS



Coaching Tip →

Reinforce a maximum of 2-3 technique points prior to commencing any drill. Practice tackling from all angles. Use simple cues. E.g. "Hit and stick"

TECHNIQUE – Partner walk throughs

ACTIVITY 1 INSIDE TACKLES 3 Group size 5-10 mins, 5 x 5m area Practice from front, side and behind. Standing next to partner

Separate 2-3m, Feed ground ball or handball and players increase speed on approach



➔ Increase intensity when technique is sound and players feel comfortable

ACTIVITY 2 OUTSIDE TACKLES **3** Group size 5-10 mins, 5 x 5m area Tackler stands 5m behind

Player 2. Player 3 feeds ground ball

Tackler stands 5m in front of tackler. Player 3 feeds ground ball in front



➔ Increase intensity when technique is sound and players feel comfortable

Coaching Tip →

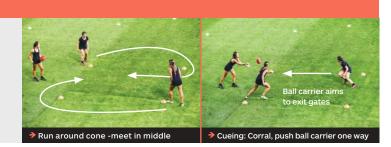
Cue players to note how a tackle felt, or the sound it made. Good tackle = nice thud/connection sound

PROGRESSIVE DRILLS

αστινιτη TACKLING GATES 6-10 Group size 5-10 mins 5-8 x 5-8m area **Variation** Smaller area favours tackler

1v1, 2v2 or 3v3

- > 2 lines stand diagonally opposite, 2 players run around cones to meet in the middle
- Player feeds handball/ground to nominated ball carrier
 - Tacklers score points for stopping ball carrier get through their "gate"



Set up

- → Ball starts in middle (Progression: ball is rolled in). Call out 2 numbers. "1" is ball carrier. "6" is tackler
- Ball carrier aims to pick up ball and return to any player (Progression: to certain player or coach)



Coaching Tip →

ACTIVITY 4 CIRCLE DRILL

8-12 Group size

Smaller area favours tackler, more inside

10-15m circle

5-10 mins

tackles

Get players to take turns kicking the balls. Coaches - coach!

SMALL-SIDED GAMES

ACTIVITY 5 TACKLING GRIDS 14-30+ Group size 10 mins 5-8 x 5-8m area More defenders = more tackles Smaller area, favours tackler

Progressions

After 4 handballs, work ball to Group 2, or a backs vs forwards situation suiting your needs (i.e. 3 v 2)



4 attackers, 3 defenders in one grid

PREP TO PLAY RECEIVING, BREAKING, OR AVOIDING TACKLES



Reduce head, neck & shoulder injuries





Coaches have a duty of care to dedicate training time to educate players on how to receive a tackle/ contact in order to reduce injuries.

Coaching Tip →

Once a player is tackled, encourage them to get and stay low, keep their feet active, and drive their legs to try get out of the tackle.



Coaching Tip >

Reinforce these points with ground ball drills to make players cleaner below knees and avoid tackles.



SPATIAL AWARENESS Knowing where contact is coming from

PROTECTION Keep back shoudler away

DUTY OF CARE



NO AWARENESS/LEADING WITH HEAD High risk position for serious head/neck injury



To avoid approaching tackler

Flat footed not getting arms free

T PLA ING, BREAKING, IDING TACKLES

coachan LA TROBE

TECHNIQUE: Partner walk throughs

ACTIVITY 1 RECEIVING TACKLES 2-3 Group size 10 mins 5 x 5m area

Increase intensity

- When technique is sound, and players feel comfortable
- Pair practice helps increase confidence in accepting contact
- Cue players to keep ball secure



PROGRESSIVE DRILLS:



→ 2 lines stand diagonally opposite, 2 players run around cones to meet in the middle. Progression: 2 v 2, 3 v 3.

Player feeds handball/ground to nominated ball carrier.

Ball carrier aims to get through their "gate" or dispose of ball to receiver behind the gate.

Coaching Get players to take turns feeding the balls. Coaches - coach!

SMALL-SIDED GAMES

TIVITY 4 14-30+ players 5-10 mins 5-8 x 5-8m area Larger area favours ball carrier

Tip →



→ Progression: After 4 handballs, work ball to Group 2, or a backs vs forwards situation suiting your needs (i.e. 3 v 2)

PREP TO PLAY AERIAL CONTESTS



Reduce lower limb. head & finger injuries





Coaches have a duty of care to dedicate training time to educate players on how to approach aerial contests.

COACHING POINTS: Preparing feet & body, and launching

Coaching Tip →

Coaching players how to prepare and position their body prior to, during and after an aerial contest is essential, to increase contested marks or spoils and player safety.



SPACIAL AWARENESS Turn head & read cues of kicker



FOOTWORK - ACTIVE FEET Run an arc to come forward at the ball



Educate players that they should not back pedal into a contest



COACHING POINTS: Marking & landing

Coaching

Taking eyes off ball & moving head to the side = dropped marks & finger injuries.

Tip →



EYES ON THE BALL "W" hands



Not looking at ball



LAND - ATHLETIC STANCE Next play ready



STIFF LANDING Unbalanced = High risk position for serious knee injury

PREP T PLAY AERIAL CONTEST DRILLS



Coaching Tip > Reinforce a maximum of 2-3 technique points prior to commencing any drill. Keep cues simple. Use analogies such as 'W' or 'Butterfly hands'.

TECHNIQUE

ACTIVITY 1 STATIONARY MARKING 2-3 group size 10 mins 10m area



Stationary throwing firm ball into hands 2-3m away

- Stationary kicking into hands with player on knees, then on feet
- Walking through ball increase speed as able

ACTIVITY 2 UNCONTESTED FOOTWORK AND LAUNCHING

Vary starting positions & flight of ball – players should adjust footwork if fumble, last one standing = winner

Noodle whack drill

Players in lines run through for marks and one player whacks them with a foam noodle. Drop out if fumble, last one standing = winner

Coaching Tip →

Cue players to adjust footwork, and body work as needed depending on each contest.

PROGRESSIVE DRILLS

ACTIVITY 3 TOKEN CONTACT

6-8 group size 10 mins 10-20m area Drill Variations Vary starting locations and side of contact

- Use a token opponent with a bump bag to simulate contact
- Encourage players to protect their body with their inside/lead leg, and launch at the ball



Coaching Tip →

Get players to take turns kicking the balls. **Coaches - coach!**





4 cones with 2 players starting in the middle Instruct to run to the back (or front, or opposite to partner)



SMALL-SIDED GAMES

ACTIVITY 5

MARKING GRIDS 4 v 3 8-10 group size 10 mins 15-10m area Drill Variations Adjust number of players,

size of grid, or ratio of defenders: attackers

Progressions

- Initially you may have players stationary on the corner
- Attackers can move around
- Kicker at each end defenders to communicate and come forward to find players at the front



PREP T PLAY REFERENCES



- 1. Prodromos, C., et al., A meta-analysis of the incidence of anterior cruciate ligament tears as a function of gender, sport, and a knee injury-reduction regimen. Arthroscopy, 2007. 23(12): p. 1320-1325.e6.
- Renstrom, P., et al., Non-contact ACL injuries in female athletes: an International Olympic Committee current concepts statement. Br J Sports Med, 2008. 42(6): p. 394-412.
- **3.** Smith, H.C., et al., Risk factors for anterior cruciate ligament injury: a review of the literature part 1: neuromuscular and anatomic risk. Sports Health, 2012. 4(1): p. 69-78.
- Smith, H.C., et al., Risk factors for anterior cruciate ligament injury: a review of the literature-part 2: hormonal, genetic, cognitive function, previous injury, and extrinsic risk factors. Sports Health, 2012. 4(2): p. 155-61.
- AFL Doctors Association, A.P.A., AFL Injury Survey 2016. 2016, AFL Football Operations Department: Melbourne, Victoria, Australia.
- 6. Hagglund, M., et al., Injuries affect team performance negatively in professional football: an 11-year follow-up of the UEFA Champions League injury study. Br J Sports Med, 2013. 47(12): p. 738-42.
- 7. Eirale, C., et al., Low injury rate strongly correlates with team success in Qatari professional football. Br J Sports Med, 2013. 47(12): p. 807-8.
- Orchard, J.W., On the value of team medical staff: can the "Moneyball" approach be applied to injuries in professional football? Br J Sports Med, 2009. 43(13): p. 963-5.
- Eirale, C., et al., Injury and illness epidemiology in soccer effects of global geographical differences - a call for standardized and consistent research studies. Biol Sport, 2017. 34(3): p. 249-254.
- Chamari, K. and R. Bahr, Training for Elite Sport Performance: Injury Risk Management Also Matters! Int J Sports Physiol Perform, 2016. 11(5): p. 561-2.
- Lohmander, L.S., et al., High prevalence of knee osteoarthritis, pain, and functional limitations in female soccer players 12 years after anterior cruciate ligament injury. Arthritis Rheum, 2004. 50(10): p. 3145-52.
- **12.** Filbay, S.R., Longer-term quality of life following ACL injury and reconstruction. Br J Sports Med, 2018. 52(3): p. 208-209.
- Meehan, W.P., et al., Relation of Anterior Cruciate Ligament Tears to Potential Chronic Cardiovascular diseases. Am J Cardiol, 2018.
- Toohey, L.A., et al., Is subsequent lower limb injury associated with previous injury? A systematic review and meta-analysis. Br J Sports Med, 2017. 51(23): p. 1670-1678.

- **15.** Busfield, B.T., et al., Performance outcomes of anterior cruciate ligament reconstruction in the National Basketball Association. Arthroscopy, 2009. 25(8): p. 825-30.
- **16.** Benjaminse, A. and A. Gokeler, Triple play in ACL injury prevention: beyond the usual suspects., B.J.o.S. Medicine, Editor. 2018.
- **17.** Gokeler, A., et al., Feedback techniques to target functional deficits following anterior cruciate ligament reconstruction: implications for motor control and reduction of second injury risk. Sports Med, 2013. 43(11): p. 1065-74.
- **18.** Saemi, E., et al., Knowledge of results after relatively good trials enhances self-efficacy and motor learning. Psychology of Sport and Exercise, 2012. 13(4): p. 378-382.
- Shea, C.H., G. Wulf, and C. Whitacre, Enhancing Training Efficiency and Effectiveness Through the Use of Dyad Training. J Mot Behav, 1999. 31(2): p. 119-125.
- **20.** Finch, C. F., et al. (2016). Preventing Australian football injuries with a targeted neuromuscular control exercise programme: comparative injury rates from a training intervention delivered in a clustered randomised controlled trial. Inj Prev 22(2): 123-128.
- 21. Webster, K. E. and T. E. Hewett (2018). A Meta-analysis of Metaanalyses of Anterior Cruciate Ligament Injury Reduction Training Programs. J Orthop Res.
- 22. Bizzini, M. and J. Dvorak (2015). FIFA 11+: an effective programme to prevent football injuries in various player groups worldwide-a narrative review. Br J Sports Med 49(9): 577-579.
- Myer, G. D., et al. (2005). Neuromuscular training improves performance and lowerextremity biomechanics in female athletes. J Strength Cond Res 19(1): 51-60.
- 24. Steffen, K., et al. (2013). High adherence to a neuromuscular injury prevention programme (FIFA 11+) improves functional balance and reduces injury risk in Canadian youth female football players: a cluster randomised trial. Br J Sports Med 47(12): 794-802.
- Hagglund, M., et al. (2013). Injuries affect team performance negatively in professional football: an 11- year follow-up of the UEFA Champions League injury study. Br J Sports Med 47(12): 738-742.
- Fortington, L. V. and C. F. Finch (2016). Priorities for injury prevention in women's Australian football: a compilation of national data from different sources. BMJ Open Sport Exerc Med 2(1): e000101.













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