## Athletics Injury Prevention Program (AIPP)

The programme of exercises is similar for all athletes

When? The exercises are to be performed during or at the end of the warm-up, but can also be done at the end of the training session, or as an exercise session in its own right following a bike/run warm up.
Which frequency? 2 times a week in a training-only period, and once a week in competition period.
How many time? AIPP takes about 15 minutes.
How to move to the next step? When you are able to perform an exercise without difficulty, you can move on to the higher difficulty level (count about 1 month per level).
What to do if it is too easy? You can increase the duration and / or repetition of the exercise (part: "BONUS").
Of course, all other muscle strengthening, balance and stretching exercises are encouraged.

## 1. Core stability ("the plank on 4 sides")

| Level 1: | Level 2: | Level 3: |
| :--- | :--- | :--- | :--- |

## 2. Single leg balance

|  | Level 1: | Level 2: | Level 3: |
| :--- | :--- | :--- | :--- |
| Static: one foot on the <br> ground | Dynamic: one foot on an unstable <br> support. | Double task: Throwing ball with a partner <br> when on one foot, then on an unstable support. |  |
|  | 3x15 seconds per side <br> Note: For each level, vary positions at each session: knee bent or straightened, hands on hips or arms stretched <br> verticall, eyes open or eyes closed (except for passes only with open eyes), on tiptoe ... |  |  |
| BONUS: increase to 3x30 seconds per side |  |  |  |

## 3. Pelvic strengthening (Hip adductors and abductors)



Lunges (Adductors): From a standing position, slowly perform a lunge by tacking a big stride forward. When performing the lunge, advance the front leg as far as possible until the hip and knee are bent at 90 degrees and the back leg is as far back as possible. Recline only on the front leg. Keep the knee in line, back straight and look front. Try to keep the upper body and hips stable. The hands may be on the hips or arms stretched vertically.
$3 \times 10$ lunges. (Note: for beginners $3 \times 5$ lunges)
BONUS: $6 x 10$ lunges, then $6 x 10$ lunges medicine ball.

| Level 1: | Level 2: | Same with a rubber band. |  |
| :--- | :--- | :--- | :--- |
|  |  | Abductors: When resting on one foot, an abduction of the <br> hip is performed and the position is held for 2 seconds <br> and gently released. Initially, the upper limbs can help for <br> balance. |  |

## 4. Hamstring exercises

## Hamstring stretching:


"Passing hurdles" on the ground or heel resting on a raised support, or standing with the leg stretched forward, keep an alignment between the shoulders, pelvis, knee and foot. This should not cause pain but simply a feeling of stretching. Do not try to touch your leg with your head while bending your back. Do not seek important range of motion after intense training.
$3 \times 15$ seconds on each side. Vary the positions at each session.
Hamstring strengthening (Avoid if there is hamstring pain, aches or fatigue):

| Level 1: | Level 2: | Level 3: | Level 4: |
| :--- | :--- | :--- | :--- | :--- |

## 5. Achilles tendon and lower leg exercises

## Lower leg stretching:

|  | The foot on the edge of a step, the heel in the air and ankle in a dorsiflexion. <br> This should not cause pain but simply a feeling of stretching. |
| :--- | :--- |
| $3 \times 15$ seconds each side. |  |

Lower leg strengthening:

| Onel 1: | Level 2: |
| :--- | :--- |
| On tip toes, pass on one |  |
| foot and slowly release |  |
| until the heel touches the |  |
| ground. |  |

