## Performance Training in Football Refereeing Weekly Training Plan

## WEEK 14 from Monday $30^{\text {th }}$ of March to Sunday $5^{\text {th }}$ of April Macrocycle VIII, week 1 (Training week 43)

| Mon. $28^{\text {th }}$ : <br> Tr. 162 | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| $\frac{\text { Tue. } 29^{\text {th }}:}{\text { Tr. } 163}$ | * Low Int. | - $5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$. |
|  | * Warm up | -20' jogging, mobilisation and dynamic stretching. |
|  | * Strength | - 15' strength, core stability and injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30 " -30 " exercises). |
|  | * High Int. | - Set 1: <br> Referee A performs a HI run clockwise from the midline to the corner flag, then to the other corner flag, and finally to the other side of the midline. In the meantime, Referee $B$ has to cross the midline by walking or jogging. He has to arrive at the other side when Referee A arrives. When they meet, their roles change, i.e. Referee $B$ performs a HI run counter-clockwise the same trajectory, while Referee A recovers by walking / jogging back to the starting position. The second HI-run of referee $A$ is done on the other side of the field so that he has to take the turns on his L-shoulder. All together this exercise is done 5 full laps, or 10 HI -runs for each of the referees. |
|  |  | All together, this first run takes $\pm 10^{\prime}(1600 \mathrm{~m} \mathrm{HI}$ running alternated with 600 m recovery for each referee). |
|  |  | - 2' recovery |
|  |  | - Set 2: <br> Perform another 5 full laps (or 10 HI -runs for each of the referees). |
|  |  | All together this exercise takes $\pm 22^{\prime}$. <br> ( 10 ' Set $1+2^{\prime}$ recovery $+10^{\prime}$ Set 2 ) |

[^0]

| 2 sets of $\mathbf{1 0}$ laps |  |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
| One lap | $\pm 1 \mathrm{~min}$ |  |
| Set 1 (10 laps) | 10 min |  |
| Recovery | 4 min |  |
| Set 2 (10 laps) | 10 min |  |
| Total duration | $\pm 24 \mathrm{~min}$ |  |
|  |  |  |
|  |  |  |
| Walking | W | 1200 m |
| Jogging | J | --- |
| Backwards BW --- <br> Sideways SW --- <br> High Intensity HI 3200 m <br> Sprint S --- <br> Total distance 4400 m  |  |  |

* Cool down
-5 ' jogging and walking, followed by 10 ' extensive stretching.
Total duration: 77’
Wed. $30^{\text {th }}$ :

Thu. $31^{\text {st. }}$ : * Low Int.
*Warm up - 20' jogging, mobilisation and dynamic stretching.

* Strength -15' strength, core stability and injury prevention exercises.
(abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30"-30" exercises).
* Agility - 'T'- drill for Referees:
- Set 1:

Referees sprint forwards as indicated in the figure: 10 m straight forwards from cone $A$ to cone $B$, turn around cone $B$, continue sprinting forwards to cone $C$, turn around cone $C$, continue sprinting forwards to cone $D$, turn around cone $D$, continue sprinting forwards to cone $B$, turn around cone $B$ and continue sprinting through the finish. Reference time is 9.8 ".

- 1' recovery, 3 reps.
- Set 2:

Again 3 reps with 1' recovery in between, but Referees now start on the left side instead of the right side.


- ARs do 4 reps of the CODA exercise:
- Sprint 10 m (one foot lined up 0.5 m in front of cone A ) from cone $A$ to $C$, then sideways left 8 m from cone $C$ to $B$, then sideways right 8 m from cone B to C , sprint back to the finish line.
- The reference time is $10,0^{\prime \prime}$ for male ARs and 11,0 " for female ARs ( 2 x starting sideways running with the L leg \& 2 x starting R leg)

- This exercise takes 10 ' followed by 3 ' recovery
* Speed End. - Field exercise (below) for a total of 8' or 6 laps.

- 4' recovery
- Field exercise (below) along the wide diagonal line, run for 10' or 10 tempo runs in total.

- All together, these exercises take $8^{\prime}+4^{\prime}$ rec. $+10^{\prime}=22^{\prime}$.

[^1]Total duration: 100'
Fri. $1^{\text {st }}$ REST DAY

| $\frac{\text { Sat. 2nd }}{\text { Tr. } 165}$ | * Warm up | -20 ' jogging, mobilisation and dynamic stretching. |
| :--- | :--- | :--- |
|  | * Speed | -5 maximal sprints in the order illustrated below. |

- Walk back to the start after each individual sprint.
- Once the 5 sprints ( 140 m total sprinting distance) have been completed take a $5^{\prime}$ stretching break.


[^2]
## Performance Training in Football Refereeing

 Weekly Training Plan> - Then perform a second set of sprints for a session total of 10 sprints. Start the sprints this time sideways right, and turn on the opposite shoulder to the first set when turning from backwards jogging to sprinting.
> - The total exercise time is 15 '.
> * Cool down $\quad-5$ ' jogging and walking, followed by 10 ' extensive stretching.

Total duration: 50'
Sun. $3^{\text {rd. }}$ If you don't have a match appointment for the domestic league, use your free time for additional recovery, or use your free time to work on any fitness weaknesses you might have, e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis to benefit from complementary mental and physical stimulation.

WEEK 15 from Monday $4^{\text {th }}$ to Sunday $10^{\text {th }}$ of April Macrocycle VIII, week 2 (Training week 44)

| Mon. $4^{\text {th }}$ : <br> Tr. 166 | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| Tue. $5^{\text {th }}$ :$\text { Tr. } 167$ | * Low Int. | $-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$. |
|  | * Warm up | $-20^{\prime}$ jogging, mobilisation and dynamic stretching. |
|  | * Strength | - 15' strength, core stability and injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30 "-30" exercises). |
|  | * High Int. | - Set 1 : <br> - 20" at $90 \% \mathrm{HR}_{\text {max }}$, followed by 20 " active recovery (jogging) <br> -40 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by 20 " active recovery (jogging) <br> -60 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by $20^{\prime \prime}$ active recovery (jogging) <br> $-2^{\prime}$ at $90 \% \mathrm{HR}_{\text {max }}$, followed by 60 " active recovery (jogging) <br> $-2^{\prime}$ at $90 \% \mathrm{HR}_{\text {max }}$, followed by 60 " active recovery (jogging) <br> -60 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by 20 " active recovery (jogging) <br> -40 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by $20^{\prime \prime}$ active recovery (jogging) <br> $-20^{\prime \prime}$ at $90 \% \mathrm{HR}_{\max }$, followed by $20^{\prime \prime}$ active recovery (jogging) |

- Set 2:
- 20" at $90 \% \mathrm{HR}_{\text {max }}$, followed by 20 " active recovery (jogging)
$-40^{\prime \prime}$ at $90 \% \mathrm{HR}_{\text {max }}$, followed by 20 " active recovery (jogging)
-60 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by $20^{\prime \prime}$ active recovery (jogging)
$-2^{\prime}$ at $90 \% \mathrm{HR}_{\text {max }}$, followed by 60 " active recovery (jogging)
$-2^{\prime}$ at $90 \% \mathrm{HR}_{\text {max }}$, followed by 60 " active recovery (jogging)
-60 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by 20 " active recovery (jogging)
-40 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by $20^{\prime \prime}$ active recovery (jogging)
-20 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by $20^{\prime \prime}$ active recovery (jogging)
- From a coaching point of view, the easiest way to do this intermittent exercise, is to give a clear signal each time the referees have to change from activity. For Set 1 and 2, the time line is:
$0(20 " \mathrm{HI})-20^{\prime \prime}(\mathrm{Jog})-40^{\prime \prime}(\mathrm{HI})-1^{\prime} 20^{\prime \prime}(\mathrm{Jog})-1^{\prime} 40^{\prime \prime}(\mathrm{HI})-2^{\prime} 40^{\prime \prime}(\mathrm{Jog})-3^{\prime}$ (HI) $5^{\prime}(\mathrm{Jog})-6^{\prime}(\mathrm{HI})-8^{\prime}(\mathrm{Jog})-9^{\prime}(\mathrm{HI})-10^{\prime}(\mathrm{Jog})-10^{\prime} 20^{\prime \prime}(\mathrm{HI})-11^{\prime}$ (Jog) - 11'20" (HI) - 11'40" (Jog) - 12' (finish)
- All together, this exercise takes $12^{\prime}+2^{\prime}$ recovery $+12^{\prime}=26^{\prime}$.
- This exercise can also be done on a football field around some cones as indicated in the figure below.

* Cool down $\quad-5$ ' jogging and walking, followed by 10' extensive stretching.

Total duration: 81'

| Wed. $6^{\text {th }}$ : |  | REST DAY |
| :---: | :---: | :---: |
| Thu. $7^{\text {th. }}$ : | * Low Int. | - $5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$. |
| Tr. 168 |  |  |
|  | * Warm up | - 20' jogging, mobilisation and dynamic stretching. |
|  | * Strength | - 15' strength, core stability and injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30 " -30 " exercises). |
|  | * Agility | - Set 1: |
|  |  | 'Referee Sprint' of $60 \mathrm{~m}, 1$ ' rest, 5 reps |
|  |  | The first 10 m can also be done jogging (Set 1) or backwards (Set 2 ) or sideways (ARs), before sprinting the remaining 50 m . |
|  |  | - 2' recovery |
|  |  | - Set 2: |
|  |  | 'Referee Sprint' of $60 \mathrm{~m}, 1$ ' rest, 5 reps. |
|  |  | - 2' recovery |

* Speed End. - Field exercise 8'; 1 set (see below).

- 4' recovery
- All together these exercises take $26^{\prime}$
(6' Set 1, 2' recovery, 6' Set 2, 2' recovery, 8' Field, 2' recovery).


Total duration: 93
Fri $8^{\text {th }}$ :
REST DAY

| Sat. $\mathrm{g}^{\text {th }}$ : | * Warm up | -20' jogging, mobilisation and dynamic stretching. |
| :---: | :---: | :---: |
| Tr. 169 | * Speed Tr | - Set 1 . |
|  |  | Sprint exercise in the penalty area, 5 laps in total. |
|  |  | - 5' recovery |
|  |  | - Set 2: |
|  |  | Sprint exercise in the penalty area, again 5 laps in total. |
|  |  | - The total exercise time is $15^{\prime}$. |



* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' extensive stretching.

Total duration: 50'
Sun. $10^{\text {th }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or use your free time to work on any fitness weaknesses you might have, e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis to benefit from complementary mental and physical stimulation.

WEEK 16 from Monday $11^{\text {th }}$ to Sunday $17^{\text {th }}$ of April
Macrocycle VIII, week 3 (Training week 45)

| $\frac{\text { Mon. } 11^{\text {th }}:}{\text { Tr. } 170}$ | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| $\frac{\text { Tue. } 12^{\text {th }} \text { : }}{\text { Tr. }}$ | * Low Int. | - 5 ' jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km}$ ) |
| Tr. 171 | * Warm up | -20 ' jogging, mobilisation and dynamic stretching. |
|  | * Strength | - 15' strength, core stability and injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30 " -30 " exercises). |
|  | * High Int. | - Set 1: <br> From the start, run at high intensity to the other side of the pitch, turn around the cone and return at high intensity ( 150 m in total in 30 sec ) as indicated in the picture, afterwards walk back to the start ( 50 m in 35 sec ) and repeat this 10 to 12 times. |



- 2' recovery
- Set 2: Same as set 1, however, run in the other direction.

Visual concentration: When the referee arrives in the penalty area after his 150 m run, the coach moves along the edge of the penalty area with a ball in his hands. When he bounces the ball on the ground, the referee has to decide if it is a foul for the attacking team inside (>penalty) or outside (> free kick) the penalty area. If the referee decision is correct $>$ thumbs up, if not $>5$ push-ups.

- In total, this exercise takes $10^{\prime} 50^{\prime \prime}+4^{\prime}$ recovery $+10^{\prime} 50^{\prime \prime}= \pm 21^{\prime} 40^{\prime \prime}$.
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' extensive stretching.

Total duration: 77'
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Wed. $13^{\text {th }}$ :
Thu. 14 ${ }^{\text {th }}$ : * Low Int.
Tr. 172

* Warm up - 20' jogging, mobilisation and dynamic stretching.
* Strength -15' strength, core stability and injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30"-30" exercises).


## REST DAY

- 5’ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$.
- Set 1: 4 laps of the next exercise utilising the length of the pitch:
- Start on the goal line from a dynamic position (e.g., knee lifts). Then sprint to the 16 m box, return to the goal line jogging backward and then continue jogging forward to the 16 m box.
- From the 16 m box, sprint to the midline and then return jogging to the 16 m box continue jogging back to the midline.
- From the midline, sprint to the opposite penalty area, then return jogging to the midline and continue jogging to the penalty area.
- From the 16 m box, sprint to the goal line, then return jogging backward to the 16 m box and continue jogging to the goal line.
- Continue jogging to the midline and then walk back to the start position. This constitutes 1 lap. For each lap of 320 m, referees sprint approx. 110 m (duration 1 lap $\pm$ 2'30").

- 4' recovery
- Set 2: Again 4 laps of 2'30" each.
- All together, this exercise takes $10^{\prime}+4^{\prime}$ recovery $+10^{\prime}=24^{\prime}$.
* Match -10' match play
* Cool down -5' jogging and walking, followed by 10' extensive stretching.

Total duration: 89'
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Fri. $15^{\text {th }}$ :
$\begin{aligned} \frac{\text { Sat. } 16^{\text {th }}:}{\text { Tr. } 173} & \text { * Warm up } \\ & \text { *Speed }\end{aligned}$

## REST DAY

- $20^{\prime}$ of jogging, dynamic exercises and stretching
- Straight forward sprints from dynamic starting position:
- Set 1: $\quad 5 \times 10 \mathrm{~m}$, starting from 10 m walking
- Set 2: $\quad 4 \times 15 \mathrm{~m}$, starting from 10 m sideways running
- Set 3: $\quad 3 \times 30 \mathrm{~m}$, starting from 10 m knee lifts
- Set 4: $\quad 4 \times 15 \mathrm{~m}$, starting from 10 m sideways running
- Set 5: $\quad 5 \times 10 \mathrm{~m}$, starting from 10 m backwards running
- After every sprint, a slow walk back to the start position is a good way of determining the recovery time (e.g., $20^{\prime \prime}$ for $10 \mathrm{~m}, 30$ " for $15 \mathrm{~m}, 40$ " for 30 m )

- Between the various sets, there is a 1' recovery.
- The total exercise time is $15^{\prime}$.
* Cool down -5 ' jogging and walking, followed by 10 ' extensive stretching.

Total duration: 50
Sun. $17^{\text {th }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or use your free time to work on any fitness weaknesses you might have, e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis to benefit from complementary mental and physical stimulation.

WEEK 17 from Monday $18^{\text {th }}$ to Sunday $24^{\text {th }}$ of April

## Macrocycle VIII, week 4 (Training week 46)



- The heart rate trace should look like this:

a. run 20 m forwards (B-D), turn and run 20 m forwards (D-B);
b. walk $2.5 \mathrm{~m}(\mathrm{~B}-\mathrm{A})$, turn and walk $2.5 \mathrm{~m}(\mathrm{~A}-\mathrm{B})$;
c. run sideways $12.5 \mathrm{~m}(\mathrm{~B}-\mathrm{C})$, and run sideways facing the same side $12.5 \mathrm{~m}(\mathrm{C}-\mathrm{B})$;
d. walk $2.5 \mathrm{~m}(\mathrm{~B}-\mathrm{A})$, turn and walk $2.5 \mathrm{~m}(\mathrm{~A}-\mathrm{B})$;

- International \& Cat. 1 male ARs should reach 16.0-3 / 1,470 metres.
- Category 2 male ARs must achieve level 15.5-3 / 1,275 metres.
-International \& Cat. 1 female ARs should reach 14.5-3 / 1,080 metres.
- Category 2 women must achieve level 14-3 / 820 metres.
* Cool down -5 ' jogging and walking, followed by 10 ' extensive stretching.

Wed. $20^{\text {th }}$ :

Thu. $21^{\text {st. }}$ * Low Int.
Tr. 176

* Warm up
* Strength
* Speed End.

REST DAY
-5 ' jogging slowly building up to $70 \% \mathrm{HR}_{\max }(+1 \mathrm{~km})$.
-20 ' jogging, mobilisation and dynamic stretching.

- 15' strength, core stability and injury prevention exercises.
(abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30"-30" exercises).
- Set 1:

Field exercise, 5 laps or 20 high speed runs, starting at either one of the starting positions. This first set will take $\pm 11$ '.

- 4' recovery
- Set 2:

Field exercise, again 5 laps or 20 high speed runs that take $\pm 11$ '.


- All together, this exercise takes $11^{\prime}+4^{\prime}$ recovery $+11^{\prime}=26$.
- The total distance covered in high speed running is 2500 m .
*SE for ARs $\quad-$ While the referees perform their 2 sets of the HI exercise, the next
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* Match
* Cool down
- 10' match play.
$-5^{\prime}$ jogging and walking, followed by $10^{\prime}$ extensive stretching.

Total duration: $91^{\prime}$
Fri. $22^{\text {nd }}$ :

## REST DAY

Sat. 23 ${ }^{\text {rd }}$ : * Warm up $-20^{\prime}$ jogging, mobilisation and dynamic stretching.

$$
\text { Tr. } 177
$$

* Speed
- Set 1 :

1) 11 m sprint, 11 m jogging, walking to start, 4 x
2) 25 m sprint, 25 m jogging, walking to start, 2 x
3) 50 m sprint, 50 m jogging, walking to start, 1 x

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- Sprints should ideally start from a dynamic start position (walking, jogging, sideways or backwards...).
- 5 ' recovery, followed by a $2^{\text {nd }}$ Set of 7 sprints.
- The total exercise time is 15 ', the total sprint distance 288 m .
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' extensive stretching.

Total duration: 50'
Sun. 24 ${ }^{\text {th }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or use your free time to work on any fitness weaknesses you might have, e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis to benefit from complementary mental and physical stimulation.

## Performance Training in Football Refereeing

WEEK 18 from Monday $25^{\text {th }}$ of April to Sunday $1^{\text {st }}$ of May Macrocycle VIII, week 5 (Training week 47)

| Mon. $25^{\text {th }}$ : Tr. 178 | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| Tue. $26{ }^{\text {th }}$ : | * Low Int. | - $5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$. |
| Tr. 179 | * Warm up | - 20' jogging, mobilisation and dynamic stretching. |
|  | * Strength | - 15' strength, core stability and injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 |

* Maximal Aerobic Training ( $\mathrm{VO}_{2}$ max Training)
- On the first whistle, referees and assistant referees have to cover 75 m in 15 " from any starting position. Then there is 15 " to cover 25 m walking. On the next whistle, referees have to run again 75 m in $15 "$, followed by 25 m of deceleration and walking in $15^{\prime \prime}$.
- One lap consists of 4 interval runs followed by 4 recovery walks.
- Referees and ARs have to arrive in the 'walking area' before the whistle and may not leave the 'walking area' before the whistle.
- All together, the exercise consists of 10 laps resulting in 40 tempo runs, each followed by a 15 " deceleration and walking period.

- The total duration of this $\mathrm{VO}_{2}$ max exercise is $20^{\prime}$, and it is indeed more demanding than the new FIFA fitness tests for next season.


## Performance Training in Football Refereeing <br> Weekly Training Plan

* Option - Those referees who don't have access to an athletic track, can do exactly the same HI exercise on the field of play.
* Progress - To familiarize with this particular exercise, it is a good idea to start with two sets of 12 repetitions each, with 2 ' recovery in between.

* FIFA tests - Male Refs: 75 m in 15 " -25 m in 18"
- Female Refs: 75 m in $17^{\prime \prime}-25 \mathrm{~m}$ in 20"
- Male ARs: 75 m in $15^{\prime \prime}-25 \mathrm{~m}$ in $20^{\prime \prime}$
- Female ARs: 75 m in $17^{\prime \prime}-25 \mathrm{~m}$ in $22^{\prime \prime}$
* Audio files - All of these mp3 files can be found in the Library of TopSportsLab (Testing > Media)
* Cool down - 5 ' jogging and walking, followed by 10' extensive stretching.

Total duration: 75'

## Wed. $27^{\text {th }}$ :

$\begin{aligned} \frac{\text { Thu. } 28^{\text {th }}:}{\text { Tr. } 180} & \text { * Low Int. } \\ & \text { * Warm up } \\ & \text { * Strength }\end{aligned}$

## REST DAY

$-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$
$-20^{\prime}$ jogging, mobilisation and dynamic stretching.

- 15' strength, core stability and injury prevention exercises.
(abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30 "-30" exercises).
* Speed End. - Set 1:

Field exercise, 5 laps of 2' each. During each lap, there are 12 different activities. The colour of the next cone gives the intensity of the next activity as follows:

- walking to the blue cones (w)
- jogging to the green cones (J)
- high intensity tempo run to the yellow cones (HI)
- sprinting to the red cones (S)
- 4' recovery
- Set 2: Field exercise, again 5 laps of 2' each.
- All together, this exercise takes $10^{\prime}+4^{\prime}$ recovery $+10^{\prime}= \pm 24^{\prime}$.


Total duration: 89

Fri. $29^{\text {th }}$ :
$\begin{array}{ll}\frac{\text { Sat. } 30^{\text {th }}:}{\text { Tr. } 181} & \text { * Warm up } \\ & \text { * Speed }\end{array}$

REST DAY
$-20^{\prime}$ jogging, mobilisation and dynamic stretching.

- Set 1: Variation on the centre circle sprint, 4 laps or 8 sprints


| 2 sets of 5 laps |  |  |
| :---: | :---: | :---: |
| One lap |  | 1 min |
| Set 1 |  | 5 min |
| Recovery |  | 5 min |
| Set 2 |  | 5 min |
| Total duration |  | 15 min |
| Walking | W | 400 m |
| Jogging | J | 200 m |
| Backwards | BW | 200 m |
| Sideways | SW | 200 m |
| High Intensity |  | --- |
| Sprint | S | 400 m |
| Total distance |  | 1200 m |

- 5 ' recovery
- Set 2: Variation on the centre circle sprint, 4 laps or 8 sprints.
- The total exercise time is $15^{\prime}$, the total sprint distance 293 m .
* Cool down -5' jogging and walking, followed by 10' extensive stretching.

Total duration: 50'
Sun. ${ }^{\text {stt. }}$ If you don't have a match appointment for the domestic league, use your free time for additional recovery, or use your free time to work on any fitness weaknesses you might have, e.g., aerobic endurance, strength, injury prevention, ...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis to benefit from complementary mental and physical stimulation.

WEEK 19 from Monday $2^{\text {nd }}$ to Sunday $8^{\text {th }}$ of May

## Macrocycle VIII, week 6 (Training week 48)

| Mon. $2^{\text {nd }}$ Tr. 182 | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| Tue. ${ }^{\text {rd }}$ : Tr. 183 | * Low Int. | - $5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$. |
|  |  |  |
|  | * Warm up | - 20 ' jogging, mobilisation and dynamic stretching. |
|  | * Strength | - 15' strength, core stability and injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30 "-30" exercises). |
|  | * Extended SP | - Set 1: <br> $>8$ sprints to the midline ( $\pm 7.5^{\prime \prime}$ ) with 50 " active recovery in between each and every sprint <br> $>$ Jog 1 lap of the pitch ( $\pm 2^{\prime} 30^{\prime \prime}$ ) for further recovery <br> $>$ Duration Set 1: $\pm 10$ ' |
|  |  | - Set 2: <br> > 4 sprints to the opposite penalty area ( $\pm 12$ ") with 70 " active recovery in between each and every sprint <br> > Jog 1 lap of the pitch ( $\pm 2 \prime 30^{\prime \prime}$ ) for further recovery <br> $>$ Duration Set 1: $\pm 7.5^{\prime}$ |
|  |  | - Set 3: <br> $>10$ sprints to the penalty area ( $\pm 3$ ") <br> with 20 " active recovery in between each and every sprint <br> $>$ Duration Set $1: \pm 3.5$ ' |
|  |  | All together, this extended speed session takes $\pm 20^{\prime}$ including $5^{\prime}$ active recovery. |
|  | * Cool down | - 5 ' jogging and walking, followed by 10' extensive stretching. |

Total duration: 75'

| Wed. $4^{\text {th }}$ : |  | REST DAY |
| :---: | :---: | :---: |
| Thu. $5^{\text {th }}$ :$\text { Tr. } 1834$ | * Low Int. | -5' jogging slowly building up to $70 \% \mathrm{HR}_{\max }(+1 \mathrm{~km})$. |
|  |  |  |
|  | * Warm up | - 20' jogging, mobilisation and dynamic stretching. |
|  | * Strength | - 15' strength, core stability and injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30 "-30" exercises). |
|  | * Agility | - Set 1: |
|  |  | 'Illinois Agility Run’ of 60m, 1’ rest, 5 reps. Sprint time should be less than 17 " |

## Performance Training in Football Refereeing <br> Weekly Training Plan

The first 10 m can also be done jogging (Set 1 ) or backwards
(Set 2) or sideways (assistant referees), before start sprinting the remaining 50 m . Sprint time should be less than 17 ".

- 2' recovery
- Set 2:
'Illinois Agility Run' of 60m, 1' rest, 5 repetitions
- 2' recovery

* Speed End. - Set 1:

Diagonal Referee run, 10 reps of 1' each.
Starting at the edge of the penalty area, referees progressively accelerate to $90-95 \% \mathrm{SP}_{\text {max }}$ (15") along the diagonal line as indicated below. As from the mark near the opposite penalty area on (marked by the vertical bar), they decelerate while keeping the attentional focus inside the penalty area. Between runs, there is a 45 " recovery period (walking).

- 4' of recovery
- Set 2 of the diagonal run, again 10 reps of 1' each

- The total duration of this speed endurance session is $\pm 24$ ' including 4' active recovery.
- All together these exercises take 27'
(6.5' Set 1, 2' recovery, 6.5' Set 2, 2' recovery, 8' Field, 2' recovery).
* Match - 10' match play.
* Cool down -5' jogging and walking, followed by 10' extensive stretching.

Total duration: 92'

$$
\text { Fri. } 6^{\text {th }}: \quad \text { REST DAY }
$$

Sat. $7^{\text {th }}$. * Warm up $-20^{\prime}$ jogging, mobilisation and dynamic stretching.
Tr. 185

* Speed/Agility
- Set 1: 3 sprints as shown below, 2' recovery between reps
- 5' recovery and stretching
- Set 2: 3 sprints as shown below, 2' recovery between reps
- The total exercise time is 15 ', the total distance 300 m .

* Cool down -5' jogging and walking, followed by 10 ' extensive stretching

Total duration: $50^{\prime}$
Sun. $8^{\text {th. }}$ If you don't have a match appointment for the domestic league, use your free time for additional recovery, or use your free time to work on any fitness weaknesses you might have, e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis to benefit from complementary mental and physical stimulation.


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[^1]:    * SE for ARs - While the referees perform their 2 sets of SE, the next

    SE exercise can be considered for the assistant referees.

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