## Performance Training in Football Refereeing

 Weekly Training Plan
## WEEK 41 from Monday $9^{\text {th }}$ to Sunday $15^{\text {th }}$ of October <br> Macrocycle IV, week 1 (Training week 19)

| $\frac{\text { Mon. } 9^{\text {th. }}:}{\text { Tr. } 70}$ | * Act. Rec. | - 50' recovery session in a fitness centre, incl. static stretching |
| :---: | :---: | :---: |
| $\frac{\text { Tue. } 10^{\text {th }}:}{\text { Tr. } 71}$ | * Low Int. | $-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\text {max }}( \pm 1 \mathrm{~km}$ ). |
|  | * Warm up | -20' jogging, mobilisation and dynamic stretching. |
|  | * Functional Tr. | -3 sets of 4' each (1' rest between Sets) https://www.youtube.com/watch?v=irvP0vuEMk4 |
|  | * Speed/Agility | - short sprints from a dynamic position (heel lifts, knee lifts,...). |
|  |  | - Set 1 (right turn): $(2 \times 5 \mathrm{~m})-(2 \times 10 \mathrm{~m})-(2 \times 15 \mathrm{~m})-(2 \times 20 \mathrm{~m})-(2 \times 25 \mathrm{~m})$ |
|  |  | -5' recovery |

- Set 2 (left turn):
$(2 \times 5 \mathrm{~m})-(2 \times 10 \mathrm{~m})-(2 \times 15 \mathrm{~m})-(2 \times 20 \mathrm{~m})-(2 \times 25 \mathrm{~m})$

- In total, this exercise takes $15^{\prime}$. The total sprint distance is 300 m .
* High Int. $\quad$ - High intensity interval run in combination with decision making

Set 1: From start $1 \& 2$, run at high intensity to the other penalty area, turn around the cone (a beep signal is given for the timing) and return at the same pace to the penalty area ( 150 m in total in 30 sec ). Watch carefully the incident on a big screen. Then walk to your coach to report
the technical and disciplinary decision. Finally, walk back to the starting position and repeat these 10 to 12 times. No talking allowed with partner.

- 3' recovery
- Set 2: Same as set 1, however, we start on the opposite starting position to turn on the other shoulder.
- Perception \& decision making: Following each run, there is a challenging incident shown on a big screen. You will first see an overview followed by a close-up. You need to take a technical and disciplinary decision.
- Depending of the fitness level, referees can run towards the shortest or longest distance.

* High Int. ARs - Yo-Yo based exercise as follows (by preference on natural grass):
- Set 1:
-2 shuttles x 50 m @ high speed ( 50 m - turn L-50 m) in 21"
- 21" recovery walk (10 m)
- 10 reps in total
- 3' recovery

Turning line
Start/Finish line


- Set 2:
- 2 shuttles x 50 m @ high speed ( 50 m - turn L-50 m) in 20 "
- 20" recovery walk (10 m)


## Wed. $11^{\text {th. }}$

Thu. $12^{\text {th. }}$ Tr 72 * Low Int.

* Warm up
* Strength
* High Int.
* Cool down -5 ' jogging and walking, followed by 10' static stretching.

Total duration: 91 ' \& 85'

- 10 reps in total
- All together, this exercise takes $15^{\prime} 20^{\prime \prime}$
-2000 m of high-intensity running, 200 m walking, 20 turns in total - Take care to take each turn on a different foot so that you turn alternatively on your left and right shoulder!

Rest day / Complementary strength and/or injury prevention training
-5 ' 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.
- Set 1: Referees perform 5 laps
- From the start, run at the appropriate intensity around the pitch.
- However, on lap 1 run around cone 1, and so on up to cone 5 on lap

5 , thus increasing the run distance with each subsequent lap.

- The running should be $3 / 4$ pace (the HR that it will elicit should be 85$94 \% \mathrm{HR}_{\max }$ ).
- 2' recovery

- Set 2:
- However, on lap 1 start with cone 5 , and on lap 5 finish with cone 1 , thus decreasing the run distance with each subsequent lap.
- This exercise takes $\pm 22^{\prime}$ ( $10^{\prime}$ Set $1+2^{\prime}$ recovery $+10^{\prime}$ Set 2 ).
* SE for ARs - While the referees perform their 2 sets of the HI exercise, the next SE exercise can be considered for the assistant referees.
- Set 1: Run 5 laps as indicated
- 4' recovery
- Set 2: Run again 5 laps as indicated

* Match
* Cool down
- 10' of match play or 10 ' of medium-intensity jogging ( $80 \% \mathrm{HR}_{\text {max }}$ ).
-5 ' jogging and walking, followed by 10 ' static stretching.

Total duration: 87 $^{\prime}$
Fri. $13^{\text {th. }}$
Sat. $14^{\text {th }}: ~ * W a r m ~ u p ~-20 ' ~ j o g g i n g, ~ m o b i l i s a t i o n ~ a n d ~ d y n a m i c ~ s t r e t c h i n g . ~$
Tr. 73

* Speed
- Set 1:
- 1) 11 m sprint, 11 m jogging, walking to the start, 4 reps
- 2) 25 m sprint, 25 m jogging, walking to the start, 2 reps
- 3) 50 m sprint, 50 m jogging, walking to the start, 1 rep
-5 ' recovery and stretching
- Followed by a $2^{\text {nd }}$ Set of 7 sprints.

- The total exercise time is $15^{\prime}$. The total sprint distance is 288 m .
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' extensive stretching.

Total duration: ${ }^{\prime}$
Sun. $15^{\text {th }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...). On UEFA Ref Network, there are also 3 different match simulation exercises to compensate for not-refereeing as VAR or $4^{\text {th }}$ Official.

You may also consider alternative intermittent activities such as playing badminton, football, squash, or tennis, if you are used to these leisure activities.

WEEK 42 from Monday $16^{\text {th }}$ to Sunday $22^{\text {nd }}$ of October

## Macrocycle IV, week 2 (Training week 20)

| $\frac{\text { Mon. } 16^{\text {th }}:}{\text { Tr. } 74}$ | * Act. Rec. | - 50' recovery session in a fitness centre, incl. static stretching.. |
| :---: | :---: | :---: |
| $\frac{\text { Tue. } 17^{\text {th }}:}{\text { Tr. } 75}$ | * 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. |
|  | * Functional Tr. | -3 sets of 4' each (1' rest between Sets) https://www.youtube.com/watch?v=ov91YQWISFg |
|  | * High Int. | Set 1: Referee 1 performs a HI run clockwise from the midline to the corner flag, then across the goal line to the other corner flag, and finally to the other side of the midline. In the meantime, Referee 2 has to cross the midline by walking or jogging. He has to arrive at the other side when Referee 1 arrives. When they meet, their roles change, i.e. Referee 2 performs a HI run counter-clockwise the same trajectory, while Referee 1 recovers by walking / jogging back to the starting position. The second set of the HI-runs starts on the other side of the field so that referees have to take the turns on the other shoulder. All together this exercise is done 5 full laps, or 10 HI -runs for each of the referees. |

Altogether, this first run takes $\pm 10^{\prime}$ ( 1600 m HI running alternated with 600 m recovery for each referee).


- 2' recovery
- Set 2: perform another 5 full laps (or 10 HI -runs for each).
- All together this exercise takes $\pm 22^{\prime}$.
(10' Set $1+2$ ' recovery +10 ' Set 2 )
* Cool down -5 ' jogging and walking, followed by 10 ' static stretching.

Total duration: 77

Wed. $18^{\text {th }}:$
Thu. 19 ${ }^{\text {th }}$ : * Low Int. $\quad-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$.
Tr. 76

* Warm up $\quad-20$ ' jogging, mobilisation and dynamic stretching.
* Strength $\quad-15$ ' strength, core stability and injury prevention exercises.
* High Int. - Submaximal Yo-Yo from the start until 15:8 for Referees and ARs.
* Speed End. - Field exercise: Set 1: 4 laps of $\pm$ 3' each.

- Field exercise: Set 2: again_4 laps of $\pm 3$ ' each.
- All together this exercise takes $\pm 28^{\prime}$.
( 12 ' Set $1+4$ ' recovery +12 'Set 2 )
*SE for ARs - While the referees perform their 2 sets of the SE exercise, the next SE exercise can be considered for the assistant referees.


| One lap | 45 sec |
| :--- | :--- |
| Set 1 (8 laps) | 6 min |
| Recovery | 4 min |
| Set 2 (8 laps) | 6 min |
| Total duration | 14 min |


| Walking | W | --- |
| :--- | :--- | :--- |
| Jogging | J | 800 m |
| Backwards | BW | --- |
| Sideways | SW | 480 m |
| High intensity | HI | --- |
| Sprint | S | 640 m |
| Total distance | $\mathbf{1 9 2 0} \mathbf{~ m}$ |  |

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

Total duration: 93
Fri. 20 ${ }^{\text {th }}: \quad$ Rest day / Complementary strength and/or injury prevention training
Sat. $21^{\text {st. }}$ * Warm up $-20^{\prime}$ jogging, mobilisation and dynamic stretching.

* Speed
- Set 1: Centre circle sprint, $5 \times$ from start to finish (5').
- 5 ' recovery

- Set 2: Centre circle sprint, 5 x from start to finish ( $5^{\prime}$ ).
- The total exercise time is $15^{\prime}$. The total sprint distance is 360 m .
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: 50'
Sun. 22 ${ }^{\text {nd. }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...). On UEFA Ref Network, there are also 3 different match simulation exercises to compensate for not-refereeing as VAR or $4^{\text {th }}$ Official.

You may also consider alternative intermittent activities such as playing badminton, football, squash, or tennis.

WEEK 43 from Monday $23^{\text {rd }}$ to Sunday $29^{\text {th }}$ of October Macrocycle IV, week 3 (Training week 21)

| $\frac{\text { Mon. } 23^{\text {rd }}:}{\text { Tr. } 78}$ | * Act. Rec. | -50'recovery session in a fitness centre, incl. static stretching |
| :---: | :---: | :---: |
| Tue. $24^{\text {th }}$ : | * Low Int. | $-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\text {max }}( \pm 1 \mathrm{~km}$ ). |
|  | * Warm up | - 20' jogging, mobilisation and dynamic stretching. |
|  | * Functional Tr. | -3 sets of 4' each (1' rest between Sets) https://www.youtube.com/watch?v=qhhfalmu4fk |
|  | * High Int. | - Referees: |



* High Int. - Assistant Referees:

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- 2' recovery
* Match -10 ' of match play or 10 ' of medium-intensity jogging $\left(80 \% \mathrm{HR}_{\max }\right)$
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: $\mathbf{8 5}^{\prime}$
Wed. $25^{\text {th }}$ :
Thu. $26^{\text {th. }}$ : * Low Int. $\quad-5$ ' jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$.
Tr. 80

* Warm up $\quad-20$ ' jogging, mobilisation and dynamic stretching.
* Strength $\quad-15$ ' strength, core stability and injury prevention exercises.
* Speed End. - Set 1: Field exercise for both REFs and ARs, 5 laps of $\pm 2$ ' each.

Each diagonal run is performed at minimum $95 \% \mathrm{SP}_{\text {max }}$.


- 4' recovery
- Set 2: Field exercise, 5 laps of $\pm 2$ each.
- All together, this exercise takes 24 ' (including recovery).
* Match $\quad-10$ ' of match play or 10 ' of medium-intensity jogging $\left(80 \% H R_{\max }\right)$
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: 89'
Fri. $27^{\text {th }}$ :
Rest day / Complementary strength and/or injury prevention training

| $\frac{\text { Sat. } 28^{\text {th }}:}{\text { Tr. } 81}$ | * Warm up | $-20^{\prime}$ jogging, mobilisation and dynamic stretching. |
| ---: | :--- | :--- |
|  | * Speed | - Set 1:2 laps that consist of 8 repeated sprints |

- From the start, sprint $30 \mathrm{~m}\left(4.5^{\prime \prime}\right)$, jog 10 m and then walk 10 m in 20 ".
- 4' recovery
- Set 2: again 2 laps of 8 repeated sprints

- The total exercise time is $12^{\prime}$. The total sprint distance is 480 m .
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: 50
Sun. 29 ${ }^{\text {th }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...). On UEFA Ref Network, there are also 3 different match simulation exercises to compensate for not-refereeing as VAR or $4^{\text {th }}$ Official.

You may also consider alternative intermittent activities such as playing badminton, football, squash, or tennis.

## WEEK 44 from Monday $30^{\text {th }}$ of October to Sunday $5^{\text {th }}$ of November

 Macrocycle IV, week 4 (Training week 22)| $\frac{\text { Mon. } 30^{\text {th }}:}{\text { Tr. } 82}$ | * Act. Rec. | - 50' recovery session in a fitness centre, incl. static stretching. |
| :---: | :---: | :---: |
| $\frac{\text { Tue. } 31^{\text {st. }}}{\text { Tr. } 83}$ | * Low Int. | $-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\text {max }}( \pm 1 \mathrm{~km}$ ). |
|  | * Warm up | -20' jogging, mobilisation and dynamic stretching. |
|  | * Functional Tr. | - 3 sets of 4' each (1' rest between Sets) <br> https://www.youtube.com/watch?v=G8ZaToDUXBM |
|  | * High Int. | - Set 1: takes 12 ' ( $8^{\prime} \mathrm{HI}$ running \& 4' recovery jogging) <br> - 20 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by 20 " active recovery (jogging) <br> -40 " at $90 \%$ HR $_{\text {max }}$, followed by 20 " active recovery (jogging) <br> -60 " at $90 \%$ HR $_{\text {max }}$, followed by $20^{\prime \prime}$ active recovery (jogging) <br> -2 'at $90 \% \mathrm{HR}_{\text {max }}$, followed by 1' active recovery (jogging) <br> - 2' at $90 \% \mathrm{HR}_{\text {max }}$, followed by 1' active recovery (jogging) <br> -60 " at $90 \%$ HR $_{\text {max }}$, followed by 20 " active recovery (jogging) <br> $-40^{\prime \prime}$ at $90 \%$ HR $_{\text {max }}$, followed by $20^{\prime \prime}$ active recovery (jogging) <br> -20 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by $20^{\prime \prime}$ active recovery (jogging) |
|  |  | -2' recovery |
|  |  | - Set 2: again $12^{\prime}$ ( $8^{\prime} \mathrm{HI}$ running \& 4' recovery jogging) <br> - 20 " at $90 \%$ HR max $_{\text {ma }}$, followed by 20 " active recovery (jogging) <br> -40 " at $90 \% \mathrm{HR}_{\text {max }}$, followed by $20^{\prime \prime}$ active recovery (jogging) <br> -60 " at $90 \%$ HR $_{\text {max }}$, followed by 20 " active recovery (jogging) <br> -2 'at $90 \% \mathrm{HR}_{\text {max }}$, followed by 1 ' active recovery (jogging) <br> - 2' at $90 \% \mathrm{HR}_{\text {max }}$, followed by 1' active recovery (jogging) <br> -60 " at $90 \%$ HR $_{\text {max }}$, followed by 20 " active recovery (jogging) <br> -40 " at $90 \%$ HR $_{\text {max }}$, followed by 20 " active recovery (jogging) <br> -20 " at $90 \%$ HR $_{\text {max }}$, followed by 20 " active recovery (jogging) |
|  |  | - All together, this exercise takes $12^{\prime}+2^{\prime}$ recovery $+12^{\prime}=26^{\prime}$ |
|  | * Cool down | - 5 ' jogging and walking, followed by 10 ' static stretching. |


| $\underline{\text { Wed. } 1^{\text {st. }}}$ |  | Rest day / Complementary strength and/or injury prevention training |
| :--- | :--- | :--- |
| $\frac{\text { Thu. } 2^{\text {nd. }}}{\text { Tr. } 84}$ | * 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. |
|  | * Speed End. | - Each run is performed at minimum $95 \% \mathrm{SP}_{\text {max. }}$ |
|  |  | - Between each set, there is a 2' active recovery. |

- Set 1 :
- From goal line to goal line and back ( $\pm 40^{\prime \prime}$ )
- 1' recovery
- Repeat 5 x
- Total duration is $8^{\prime} 30^{\prime \prime}$ (incl. recovery time)
- Set 2:
- From goal line to opposite penalty area and back ( $\pm 35^{\prime \prime}$ )
- 1' recovery
- Repeat 5 x
- Total duration is $8^{\prime}$ (incl. recovery time)

- Set 3:
- From goal line to midline and back ( $\pm 20^{\prime \prime}$ )
- 30" recovery
- Repeat 5 x
- Total duration is 4 ' $15^{\prime \prime}$ (incl. recovery time)
- Set 4:
- From goal line to penalty area and back ( $\pm 6$ ")
- 10" recovery
- Repeat 5x
- Total duration is $1^{\prime} 30$ " (incl. recovery time)
- All together, this exercise consists of 20 speed endurance runs and the duration of the total exercise is $\pm 28^{\prime} 30^{\prime \prime}$.
*SE for ARs - While the referees perform their 2 sets of the SE exercise, the next SE exercise can be considered for the assistant referees


| 2 sets of 4 laps |  |  |
| :---: | :---: | :---: |
| One lap |  | 2 min |
| Set 1 (8 laps) |  | 8 min |
| Recovery |  | 4 min |
| Set 2 (8 laps) |  | 8 min |
| Total duration |  | 20 min |
| Walking | W | 640 m |
| Jogging | J | --- |
| Backwards | BW | --- |
| Sideways | SW | 240 m |
| High intensity |  | --- |
| Sprint | S | 600 m |
| Total distance |  | 1480 m |

* Match
* Cool down
$-10^{\prime}$ of match play or $10^{\prime}$ of medium-intensity jogging ( $80 \% \mathrm{HR}_{\max }$ )
-5 ' jogging and walking, followed by 10 ' static stretching.

Fri. $3^{\text {rd }}$ :
Sat. $4^{\text {th. }}$. Warm up
Tr. 85

* Speed

Rest day / Complementary strength and/or injury prevention training
$-20^{\prime}$ jogging, mobilisation and dynamic stretching.

- Short sprints from a dynamic position (heel lifts, knee lifts,...).
- Set 1 (right turn):
( $2 \times 10 \mathrm{~m}$ ) - $(2 \times 20 \mathrm{~m})-(2 \times 30 \mathrm{~m})-(2 \times 40 \mathrm{~m})$
- 5 ' recovery
- Set 2 (left turn):
( $2 \times 40 \mathrm{~m}$ ) - $(2 \times 30 \mathrm{~m})-(2 \times 20 \mathrm{~m})-(2 \times 10 \mathrm{~m})$

- In total, this exercise takes 15 '. The total sprint distance is 300 m .
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: 50
Sun. $5^{\text {th }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...). On UEFA Ref Network, there are also 3 different match simulation exercises to compensate for not-refereeing as VAR or $4^{\text {th }}$ Official.

You may also consider alternative intermittent activities such as playing badminton, football, squash, or tennis.

WEEK 45 from Monday $6^{\text {th }}$ to Sunday $12^{\text {th }}$ of November Macrocycle IV, week 5 (Training week 23)

| Mon. $6^{\text {th }}$ : <br> Tr. 86 | * Act. Rec. | - 50' recovery session in a fitness centre, incl. static stretching.. |
| :---: | :---: | :---: |
| $\frac{\text { Tue. } 7^{\text {th }}:}{\text { Tr. } 87}$ | * Low Int. | $-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\text {max }}( \pm 1 \mathrm{~km}$ ). |
|  | * Warm up | - 20 ' jogging, mobilisation and dynamic stretching. |
|  | * Functional Tr. | -3 sets of 4' each (1' rest between Sets) https://www.youtube.com/watch?v=P \|2utBObwU |
|  | * High Int. | - High-intensity pyramid |
|  |  | - Complete 4 sets in ascending and descending order |
|  |  | -4' recovery |
|  |  | - Total distance is $4 \times 500 \mathrm{~m}=2000 \mathrm{~m}$ of HI running |



* Cool down $-5^{\prime}$ jogging and walking, followed by 10 ' static stretching.

Total duration: 81
Wed. $8^{\text {th }}:$
Rest day / Complementary strength and/or injury prevention training

Thu. $9^{\text {th }}: ~ * ~ L o w ~ I n t . ~$
Tr. 88
$-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$.
*Warm up -20 ' jogging, mobilisation and dynamic stretching.

* Strength $\quad-15$ ' strength, core stability and injury prevention exercises.
* Speed End. - Set 1: Field exercise, 5 laps or 10 high speed runs and 10 accelerations to minimum $95 \% \mathrm{SP}_{\text {max }}$, starting at either one of the starting positions. This first run will take $\pm 11$ '.
- 4' recovery
- Set 2: Field exercise, again 5 laps or 20 high speed runs
- Again, this second run will take $\pm 11^{\prime}$.

- All together, this exercise takes $11^{\prime}+4^{\prime}$ recovery $+11^{\prime}=26^{\prime}$.
- The total distance covered in both HI and SE running is 1250 m .
* Match -10 ' of match play or 10' of medium-intensity jogging $\left(80 \% \mathrm{HR}_{\max }\right)$.
* Cool down -5 ' jogging and walking, followed by 10' static stretching.

Total duration: ${ }^{1}{ }^{\prime}$
Fri. 10 ${ }^{\text {th }}: \quad$ Rest day / Complementary strength and/or injury prevention training
$\begin{array}{lll}\frac{\text { Sat. } 11^{\text {th. }}:}{\text { Tr. } 89} & \text { * Warm up } & -20^{\prime} \text { jogging, mobilisation and dynamic stretching. } \\ & \text { * Speed } & -\underline{\text { Set 1 : }} \text { : Variation on centre circle sprint, } 4 \times \text { from start to finish ( } 5^{\prime} \text { ). } \\ & & \end{array}$

-5 ' recovery and stretching.

- Set 2: Centre circle sprint, $5 \times$ from start to finish ( $5^{\prime}$ ).
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: 50'
Sun. 12 ${ }^{\text {th }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...). On UEFA Ref Network, there are also 3 different match simulation exercises to compensate for not-refereeing as VAR or $4^{\text {th }}$ Official.

You may also consider alternative intermittent activities such as playing badminton, football, squash, or tennis.

WEEK 46 from Monday $13^{\text {th }}$ to Sunday $19^{\text {th }}$ of November

## Macrocycle IV, week 6 (Training week 24)



- 2' recovery
- Perform a $2^{\text {nd }}$ set of this exercise (4 reps).
-2 ' recovery, stretching and drinking break.
- The total duration of this speed/agility session is $\pm 16$,
including 5 ' active recovery.
* High intensity - Each run to be performed at high speed / intensity ( $>88 \% \mathrm{HR}_{\max }$ )
- Set 1: $9 x$ single 75 m runs with $15^{\prime \prime}$ rest
- Set 2: $6 \times$ double 75 m runs with $30^{\prime \prime}$ rest
- Set 3: $6 x$ triple 75 m runs with 45 " rest
- Set 4: $6 \times$ double 75 m runs with 30 " rest
- Set 5: $9 \times$ single 75 m runs with $15^{\prime \prime}$ rest
- The total time is $30^{\prime}$ and total distance 4500 m .

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

Total duration: ${ }^{\prime}{ }^{\prime}$

Wed. $15^{\text {th }}$ :
Thu. $16^{\text {th. }}$ * Low Int. $\quad-5$ ' jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$.
Tr. 92

* Warm up -20' jogging, mobilisation and dynamic stretching.
* Strength $\quad-15$ ' strength, core stability and injury prevention exercises.
* Speed End. - ‘Suicide run’:
- Sprint from the goal line to goal area line and back.
- Then immediately sprint from the goal line to the edge of the penalty area and back.
- Finally, sprint to the halfway line and back.
- 1' recovery.
- Repeat 6 x.
- For each run, the reference time is < $25^{\prime \prime}$ (very good), < 30 " (good).

In case of group sessions, 2 starting positions can be used (i.e. figure).

- 4' recovery

* Speed End. - Just 1 Set of 5 laps: 'Referee run’: 10’

- 3' recovery
* Match -10 ' of match play or 10 ' of medium-intensity jogging $\left(80 \% H R_{\max }\right)$.
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: 87'
Fri. $17^{\text {th }}:$

| $\frac{\text { Sat. } 18^{\text {th. }} \text { : }}{\text { Tr. } 93}$ | * Warm up | $-20^{\prime}$ jogging, mobilisation and dynamic stretching. |
| ---: | :--- | :--- |
|  | *Speed/Agility | - Set 1: |

- 5 x sprints as illustrated below
- Slow walk back to the start after each sprint
- Start each run on every 60"
- 5' recovery and stretching

- Set 2:
- Repeat Set 1
- The total duration is $15^{\prime}$, with the total sprint distance being 320 m .
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: $50^{\prime}$

Sun. $19^{\text {th }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...). On UEFA Ref Network, there are also 3 different match simulation exercises to compensate for not-refereeing as VAR or $4^{\text {th }}$ Official.

You may also consider alternative intermittent activities such as playing badminton, football, squash, or tennis.

