## WEEK 35 from Monday $28^{\text {th }}$ of August to Sunday $3^{\text {rd }}$ of September Macrocycle III, week 1 (Training week 13)

| $\frac{\text { Mon. } 28^{\mathrm{th}}:}{\text { Tr. } 46}$ | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| Tue. 29 ${ }^{\text {th }}$ : | * 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=rk PPAYX21w |
|  | * Agility | - '80 m agility drill' for referees: |

- Set 1: The 80 m should be done at a sprint pace, but with correct variation in movements; forward, sideways ( 2 x ), backwards, forwards. 1' rest, 2 reps starting on the right side.
-2 ' recovery, stretching and drinking break.
- Perform a $2^{\text {nd }}$ set of this exercise (2 reps starting left side).

- '40 m T-drill' for assistant referees (ARs):
- Set 1: ARs sprint forwards as indicated in the figure: 10 m straight forwards from cone $A$ to cone $B$, turn around cone $B$, continue sideways to cone $C$ (facing start position), turn around cone $C$, continue sprinting forwards to cone $D$, turn around cone $D$, continue sideways to cone $B$ (facing opposite side), turn around cone $B$, and continue sprinting through the finish. The reference time is 11.4 " (11.2" int. ARs), with 2' recovery between each rep.
- 2' recovery, 2 reps.

- Set 2: Again 2 reps with 2' recovery in between, but ARs now start on the left side and turn over the right shoulder.
* Speed End. - 6 exercises of 3' each, 1:2 recovery.
- Referees to work in groups of 3 (similar fitness levels).
- Referees 1 and 3 on the start cone and referee 2 on the finish cone.
- Going in sequence this gives a work:rest ratio of 1:2.
- 3' on each run with a 1-2' rest in between.
- Each group starts at a different point and rotates accordingly.
- Set 1 (15+15 m): 6-7" per run: 20" per group: x10 = 300 m (3'05")
- Set $2(25 \mathrm{~m}): 5-6 "$ per run: 18 " per group: $x 12=300 \mathrm{~m}$ (3')
- Set $3(75 \mathrm{~m})$ : 13-14" per run: 40 " per group: $x 4.5=337.5 \mathrm{~m}$ (3')
- Set 4 ( 40 m ): 7-8" per run: 24" per group: $x 7.5=300 \mathrm{~m}\left(3^{\prime} 20\right.$ ")
- Set $5(10+10 \mathrm{~m}): 4-5 "$ per run: 12 " per group: x20 $=400 \mathrm{~m}\left(3^{\prime} 40 "\right)$
- Set 6 (16.5 m): 3-4" per run: 9" per group: x20 = $330 \mathrm{~m}(3$ '25")

- 4' recovery.
- All together, this exercise takes ( $6 \times 3^{\prime}+2^{\prime}$ recovery $)= \pm 30^{\prime}$
* Cool down -5 ' jogging and walking, followed by 10 ' static stretching.

Total duration: 95
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Wed. $30^{\text {th }}$ :

Thu. $31^{\text {st. }}$ * Low Int.
Tr. 48

* Warm up
* Strength -15' strength, core stability \& injury prevention exercises.
* Speed/Agility - Exercise 1: Sprint forward 5 m , cut back diagonally L/R, then turn and accelerate forwards $12 \mathrm{~m}, 2 \mathrm{x}$ left, 2 x right.
- Exercise 2: 5 m jogging, 5 m forward sprint, sidestep left 5 m , sprint forwards 10 m , sidestep right 5 m , sprint forward $10 \mathrm{~m}, 2 \times \mathrm{L}, 2 \times \mathrm{R}$.
- Exercise 3: Sprint and agility exercises in the penalty area, 4 laps.

* Speed End. - Field exercise Set 1, 2 laps:

One lap consists of 7 maximal sprints followed by 7 recovery jogs. The maximum sprint should consist of $95 \%$ of maximal speed. The jogging should take $3 x$ longer than the duration of the sprint. After reaching the finish, referees jog all along the goal line until the next corner and then walk back to the start position. It takes $\pm 13$ to do 2 full laps. Excellent exercise for ARs, too!

- 4' recovery
- Field exercise Set 2, again 2 laps of 7 maximal sprints each.
- In total, the exercise takes $\pm 30^{\prime}$.
( $13^{\prime}$ Set $1+4$ ' recovery $+13^{\prime}$ Set 2 )

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

Total duration: ${ }^{105}$

Fri. $1^{\text {st. }}$.
Sat. 2 ${ }^{\text {nd. }}$ * Warm up
Tr. 49

* Speed


## REST DAY

- 20' jogging, mobilisation and dynamic stretching.
- Variations on the 60 m distance as follows:
-20 m sprint up, 20 m walk down, 6 x or 120 m sprint in total
- 2' recovery and stretching
- 40 m sprint up, 40 m walk down, $4 \times$ or 160 m sprint in total ( $2 x$ with a change in direction to the left, $2 x$ to the right)
- 3 ' recovery and stretching
- 60 m sprint up, 60 m walk down, $2 \times$ or 120 m sprint in total ( 1 x with a change in direction to the left, 1 x to the right)

- The total exercise time is $15^{\prime}$.
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static 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 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 notrefereeing as VAR or $4^{\text {th }}$ Official.

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

WEEK 36 from Monday $4^{\text {th }}$ to Sunday $10^{\text {th }}$ of September Macrocycle III, week 2 (Training week 14)

| $\frac{\text { Mon. } 4^{\text {th }} \text {. }}{\text { Tr. } 50}$ | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| $\frac{\text { Tue. } 5^{\text {th }} .}{\text { Tr. } 51}$ | * 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. |
|  | * Functiona | -3 sets of 4' each (1' rest between Sets) https://www.youtube.com/watch?v=h-FP6WN |

* Speed/Agility - 'Repeated sprint'- drill for referees:
- Set 1: (1) Sprint for 10 m , then walk for 30 m . (2) Sprint for 20 m , then walk for 20 m . (3) Sprint for 30 m , then walk for 10 m . (4) Sprint for 40 m .
- 2' recovery
- Set 2: Now start first with 40 m and then work down to 10 m .
- 2' recovery
- Set 3: Repeat Set 1

- Assistant Referees: 4 to 6 reps of the CODA agility drill:
- Sprint 10 m (one foot lined up 0.5 m in front of cone A ) from cone $A$ to $B$, then sideways left 8 m from cone $B$ to $C$, the sideways right 8 m from cone C to D , sprint back to the finish line.
- The reference time is < 9.6 ": 4 reps in total with flag!

* Speed End. - Set 1: Referees perform 5 laps (10')
- From the start, run at the correct intensity around the diagonal line.
- The ARs follow the movements of the referee until the midline. When the referee starts running backwards, the ARs continue their coordination exercise and then sprint to the penalty area to assist the referee in taking a technical decision.
- For the technical decision, match incidents can be shown around the penalty area on a TV screen or laptop to allow the Referee and ARs to take a team decision. On P4P, there are specific Sets available for this type of integrated exercise combining perception and decision-making with high-intensity running.
- Alternatively, the coach can bounce a ball. This position indicates a foul for the attacking team (foul in or outside the penalty area). Alternatively, the coach can also bounce the ball in front of or ahead of the goal line (goal or no goal).

- 4' recovery
- Set 2: Referees perform 5 laps (10')
- All together this exercise takes $\pm 24$ '.
* Cool down -5 ' jogging and walking, followed by 10' static stretching.

Total duration: 84'

Wed. $6^{\text {th }}$ :
$\begin{array}{rll}\frac{\text { Thu. } 7^{\text {th. }}:}{\text { Tr. } 52} & \text { * Low Int. } & -5^{\prime} \text { jogging slowly building up to } 70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km}) . \\ & \text { * Warm up } & -20 \text { ' jogging, mobilisation and dynamic stretching. } \\ & \text { * Strength } & -15^{\prime} \text { strength, core stability \& injury prevention exercises. } \\ & \text { * High Int. } & - \text { Each run to be performed at high speed / intensity }\left(>88 \% \mathrm{HR}_{\max }\right)\end{array}$

- 3 sets of 6' each:
- Set 1: $12 \times(2 \times 40 \mathrm{~m})$ in 15 "-17", $15^{\prime \prime}$-17" rest
-Set 2: $6 \times(3 \times 52 \mathrm{~m})$ in 30 "- $33^{\prime \prime}$ max, 30 "-33" rest
-Set 3: $4 \times(2 \times 105 \mathrm{~m})$ in $42^{\prime \prime}-45^{\prime \prime}, 42^{\prime \prime}-45^{\prime \prime}$ rest
- 2 ' recovery after each set


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



- Total distance: $960+936+840=2.736 \mathrm{~m}$ high-speed running
- The total exercise time is $24^{\prime}$
* Cool down -5 ' jogging and walking, followed by 10 ' static stretching.

Total duration: 85'
Fri. $8^{\text {th }}$ :
REST DAY
$\begin{array}{lll}\frac{\text { Sat. 9t. }}{\text { Tr. } 53} & \text { * Warm up } & -20^{\prime} \text { jogging, mobilisation and dynamic stretching. } \\ & \text { *Speed } & - \text { Set 1:5 reps of the following centre-circle exercise: }\end{array}$


- 5 ' recovery and stretching break after Set 1.
- Set 2: again 5 reps of the centre-circle exercise.
- The total exercise time is $15^{\prime}$.
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: $50^{\prime}$
Sun. 10 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 37 from Monday $11^{\text {th }}$ to Sunday $17^{\text {th }}$ of September Macrocycle III, week 3 (Training week 15)

| $\frac{\text { Mon. } 11^{\text {th }}:}{\text { Tr. } 54}$ | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| Tue. $12^{\text {th }}$ : | * 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=gavgdS6HUq8 |

* High Int. - Each run to be performed at high speed / intensity $\left(>88 \% \mathrm{HR}_{\max }\right)$
- Set 1: Run from goal line to midline at high intensity in 10 ". Then, jog to the other goal line in $20^{\prime \prime}$. Continue from goal line to the opposite goal line in $20^{\prime \prime}$. Recovery time of $20^{\prime \prime}, 10$ reps.
- 2' recovery
- Set 2: Again 10 reps.
- Total distance is 4.600 m of which 3.000 m high-speed running

- All together, this HI exercise takes 26 '
* Cool down $-5^{\prime}$ jogging and walking, followed by 10 ' static stretching.

Wed. $13^{\text {th }}:$
REST DAY
Total duration: 74

Thu. $14^{\text {th }}$ : * Low Int. $\quad-5$ ' jogging slowly building up to $70 \% \operatorname{HR}_{\max }( \pm 1 \mathrm{~km})$.
Tr. 56


- Set 2 (using a dynamic start):
$>4$ repeated sprints to the opposite penalty area ( $\pm 11$ ")
with 70 " recovery jogging between each sprint ( $90 \%$ SPmax)
$>$ Jog 1 lap of the pitch ( $\pm 2^{\prime} 30^{\prime \prime}$ )
> Duration: $\pm 7.5^{\prime}$
- Set 3 (using a dynamic start):
$>10$ repeated sprints to the penalty area ( $\pm 3$ ")
with 20 " recovery jogging between each sprint ( $90 \%$ SPmax)
$>$ Duration: $\pm 3.5^{\prime}$
- All together, 22 sprints ( $90 \%$ SPmax) from a dynamic start position. Decelerate smoothly, turn and jog back to the start.
- The total duration of this RSA session is $\pm 21$ '.

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* Match \(\quad-10\) ' 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.
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Total duration: 84'
Fri. $15^{\text {th }}: \quad$ REST DAY

Sat. $16^{\text {th }}$ Tr. 57
$-20^{\prime}$ jogging, mobilisation and dynamic stretching.

- Set 1: Referees perform 5 laps in the penalty area as follows:

- Once the 5 laps (or 10 sprints of 16 m ) have been completed, take a 5 ' recovery, stretching and drinking break.
- Then perform another 5 laps.
- The total exercise time is $15^{\prime}$. The total sprint distance is 320 m .
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: ${ }^{\prime} 0^{\prime}$
Sun. $17^{\text {th }}$ : 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 notrefereeing as VAR or $4^{\text {th }}$ Official.

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

WEEK 38 from Monday $18^{\text {th }}$ to Sunday $24^{\text {th }}$ of September

## Macrocycle III, week 4 (Training week 16)

Mon. $18^{\text {th. }}$ : *Act. Rec. $\quad-50^{\prime}$ recovery session in a fitness centre.
Tr. 58
Tue. 19 ${ }^{\text {th }}: ~ *$ Low Int. $\quad-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$.
Tr. 59

* Warm up $\quad-20$ ' jogging, mobilisation and dynamic stretching.
* Functional Tr. - 3 sets of 4' each (1' rest between Sets)
https://www.youtube.com/watch?v=TP3Obt8KZvQ
* High Int. - Updated Referee SDS. The details are given below while the new audio file is also available both in FAME and TSL.


| Lap | Recovery | A-D | Rest | D-P-D | Rest | D-A |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Single       <br> 1 $00: 00$ $00: 12$ $00: 18$ Double $00: 34$ $00: 40$ $00: 52$ <br> 2 $01: 16$ $01: 28$ $01: 34$ $01: 50$ $01: 56$ $02: 08$ <br> 3 $02: 32$ $02: 44$ $02: 50$ $03: 06$ $03: 12$ $03: 24$ <br> 4 $03: 48$ $04: 00$ $04: 06$ $04: 22$ $04: 28$ $04: 40$ <br> 5 $05: 04$ $05: 16$ $05: 22$ $05: 38$ $05: 44$ $05: 56$ <br> $72^{\prime \prime}$ rest       |  |  |  |  |  |  |

- In total, it takes 20'12" to complete this version of the Referee SDS.
- For women referees, the distance is $3 \times 18 \mathrm{~m}$.
* Cool down -5 ' jogging and walking, followed by 10 ' static stretching.

Total duration: ${ }^{95}$
Wed. $20^{\text {th }}: \quad$ REST DAY
Thu. $21^{\text {st. }}$ * Low Int. $\quad-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$.
Tr. 60

* Warm up -20' jogging, mobilisation and dynamic stretching.
* Strength $\quad-15$ ' strength, core stability \& injury prevention exercises.
* High Int.
- Set 1: Referees work in pairs. The start for each pair is always in the center circle. $\mathrm{R}_{1}$ carries a bib and runs in high-speed outwards, turns around cone $A$ and give the bib to $\mathrm{R}_{2}$ who covers the same run. Then, $R_{1}$ runs around the next cone ( $B$ ) in a clockwise order, and they go on until both Referees have completed 2 full laps of 10 HI runs each (20 high intensity runs).
- 2' recovery
- Set 2: Again 2 full laps, both now counterclockwise
- The total exercise time is $20^{\prime}$. The total HI distance is 1300 m .
- Tip: to differentiate between different levels, it is possible to make pairs of referees that run at different speeds while timing is the same!

- Assistant referees can perform the same exercise, covering the second set the shorter distances marked by the 'white' cones in the middle of the distance of the first set.
* Match $\quad-10$ ' of match play or 10 ' of medium-intensity jogging ( $80 \% \mathrm{HR}_{\max }$ ).
* Cool down -5 ' jogging and walking, followed by 10' static stretching.

Total duration: $\mathbf{8 5}^{\prime}$
Fri. 22 ${ }^{\text {nd: }} \quad$ REST DAY
$\begin{array}{rll}\frac{\text { Sat. 23 } 2 r^{\text {rd. }}}{\text { Tr. } 61} & \text { * Warm up } & -20 \text { ' jogging, mobilisation and dynamic stretching. } \\ & \text { * Speed } & - \text { Set 1: } 5 \text { reps of the following centre-circle exercise: }\end{array}$


- 5 ' recovery and stretching break after Set 1 .
- Set 2: again 5 reps of the centre-circle exercise.
- The total sprint distance is 270 m . The total exercise time is $15^{\prime}$.
* Cool down -5 ' jogging and walking, followed by 10 ' static 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 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 notrefereeing as VAR or $4^{\text {th }}$ Official.

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

WEEK 39 from Monday $25^{\text {th }}$ of September to Sunday $1^{\text {st }}$ of October Macrocycle III, week 5 (Training week 17)

| $\frac{\text { Mon. } 25^{\mathrm{th}}:}{\text { Tr. } 62}$ | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| $\frac{\text { Tue. } 26^{\text {th }}:}{\text { Tr. } 63}$ | * 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=bn2j qmKDwY |
|  | * Agility | - '80 m agility drill' for refs and '40 m T- drill' for ARs (cfr. Tr. 47 p .1 ) |
|  | * High Int. | - Each run to be performed at high speed / intensity ( $>88 \% \mathrm{HR}_{\max }$ ) |

- Set 1:

1) Run from goal line to midline at high speed in 10 "
2) jog to the opposite goal line in 20 ".
3) Run from goal line to goal line at high speed in 20 "
4) 10 " recovery
5) Run from goal line to the opposite penalty arc in 15 "
6) jog to the goal line in 25 "
7) Run from goal line to goal line at high speed in $20^{\prime \prime}$
8) 10 " recovery
9) Run from goal line to goal line at high speed in 20 "
10) 1 ' recovery

- Set 2-3-4: same procedure
- Total distance: 1.700 m high-speed running
- The total exercise time is approximately $13^{\prime}$

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

Total duration: $80^{\prime}$

Wed. $27^{\text {th }}:$
$\frac{\text { Thu. } 28^{\text {th }} \text {. }}{\text { Tr. } 64}$ * Low Int.

* Warm up
* Strength -15' strength, core stability \& injury prevention exercises.
* Speed End. - Run for 10 m at $90 \%$ max speed, walk to the end ( 40 m )
- Turn and run 20 m at $90 \%$ of max speed, walk to the end ( 30 m )
- Turn and run 30 m at $90 \%$ of max speed, walk to the end ( 20 m )
- Turn and run 40 m at $90 \%$ of max speed, walk to the end ( 10 m )
- Turn and run 50 m at $90 \%$ of max speed, then turn and run another 50 m (100m)
- Rest for 90 " then repeat 5 x
- Your heart rate should peak at $>90 \% \mathrm{HR}_{\max }$ at the end of each rep

- This exercise takes ( $90^{\prime \prime}+90^{\prime \prime}$ rec.) $\times 5=15 \mathrm{~min}$
* High Int. - Set 1: Field exercise, 10 to 12 x with video clips at the finish
- From the start, run at high intensity to the other side of the field, turn around the cone and return at high intensity ( 150 m in total in 30 sec ) as indicated in the picture. They report their decision and then walk back to the start ( 50 m in 35 sec ) and continue for 5 to 6 laps or 10 to 12 reps. Ideally, it's done with 6 pairs on each side.
- 4' recovery
- Set 2: Same as set 1, however, switch starting position to turn over the other shoulder.
- All together, this exercise takes $33^{\prime}$ including 3 ' recovery.
- For the technical decision, match incidents can be shown around the penalty area on a TV screen or laptop to allow the Referee and ARs to take a team decision.

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

Total duration: 105'

Fri. $29^{\text {th }}$ :
$\frac{\text { Sat. } 30^{\text {th. }}:}{\text { Tr. } 65} \quad$ * Warm up -20 ' jogging, mobilisation and dynamic stretching.

* Speed


## REST DAY

- Set 1:
- 10 m sprint up, 10 m walk down, 3 x
- 20 m sprint up, 20 m walk down, 3 x
- 30 m sprint up, 30 m walk down, 3 x
(with a change in direction to the left or to the right)
- Once the 9 sprints ( 180 m total sprinting distance) have been completed take a 5' stretching and drinking break.
- Set 2:
- In reversed order, i.e. from 30 m to 10 m , each distance 3 x for a further 9 sprints.


2 sets of 10 sprints


- The total sprint distance is 360 m . The total exercise time is $15^{\prime}$.
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' static stretching.

Total duration: 50'
Sun. 1 ${ }^{\text {xt. }}$ 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 notrefereeing as VAR or $4^{\text {th }}$ Official.

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

## WEEK 40 from Monday $2^{\text {nd }}$ to Sunday $8^{\text {th }}$ of October

## Macrocycle III, week 6 (Training week 18)

| $\frac{\text { Mon. } 2^{\text {nd. }}}{\text { Tr. } 66}$ | * Act. Rec. | - 50' recovery session in a fitness centre. |
| :---: | :---: | :---: |
| $\underline{\text { Tue. }{ }^{\text {rd. }} \text {. }}$ | * Low Int. | - 5 ' jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km}$ ) |
| Tr. 67 | * 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=KfAS7AA1qsk |
|  | * RSA Refs | - Set 1 (using a dynamic start): <br> $>2$ sprints of $75 \mathrm{~m}( \pm 10$ ") with 75 " recovery jogging / walking in between each sprint <br> $>4$ sprints of $50 \mathrm{~m}\left( \pm 7^{\prime \prime}\right)$ with 50 " recovery jogging / walking in between each sprint <br> $>6$ sprints of $25 \mathrm{~m}\left( \pm 4^{\prime \prime}\right)$ with 25 " recovery jogging / walking in between each sprint <br> $>$ Jog 1 lap of the pitch ( $\pm 2^{\prime} 30^{\prime \prime}$ ) <br> $>$ Duration Set $1: \pm 12$ |

- Set 2 (using a dynamic start):
$>6$ sprints of $25 \mathrm{~m}( \pm 4 ")$ with 25 " recovery jogging / walking in between each sprint
$>4$ sprints of $50 \mathrm{~m}( \pm 7$ ") with 50 " recovery jogging / walking in between each sprint
$>2$ sprints of $75 \mathrm{~m}\left( \pm 10\right.$ ") with $75^{\prime \prime}$ recovery jogging / walking in between each sprint
$>$ Jog 1 lap of the pitch ( $\pm 2$ '30")
> Duration Set 2: $\pm 12$ '
- All together, 22 sprints ( $90 \%$ SPmax) should be performed from a dynamic start position. Decelerate smoothly, turn and jog back to the start.
- The total duration of this RSA session is $\pm 24^{\prime}$
* High Int. ARs - Each run to be performed at high speed / intensity ( $>88 \% \mathrm{HR}_{\max }$ )
- Set 1: 10 " run at $90 \% \mathrm{HR}_{\max }, 10$ " walking, $15 \times, 5^{\prime}$ run at $90 \% \mathrm{HR}_{\max }$
- 1' recovery
- Set 2: 20 " run at $90 \% \mathrm{HR}_{\max }, 20$ " walking, $8 \times, 5^{\prime}$ run at $90 \% \mathrm{HR}_{\max }$,
- 2' recovery
- Set 3: 30 " run at $90 \% \mathrm{HR}_{\text {max }}$, 30 " walking, $5 \mathrm{x}, 5$ ' run at $90 \% \mathrm{HR}_{\text {max }}$,

- All together, this exercise takes 18 '
* Cool down -5 ' jogging and walking, followed by 10' static stretching.

Total duration: 97

Wed. $4^{\text {th }}$ :
Thu. $5^{\text {th }}: \quad$ * Low Int. $\quad-5^{\prime}$ jogging slowly building up to $70 \% \mathrm{HR}_{\max }( \pm 1 \mathrm{~km})$.
Tr. 68

* Warm up
$-20^{\prime}$ jogging, mobilisation and dynamic stretching.
* Strength
- 15' strength, core stability \& injury prevention exercises.
* Speed/Agility - Visual concentration exercises including speed and agility.
- Set 1: Referees work in $2 \times 2$ pairs, $8^{\prime}$
- 4' recovery
- Set 2: Referees work in $2 \times 2$ pairs, $8^{\prime}$

* Speed End. - Set 1: 5 laps of $\pm$ 2' each.
- 4' recovery
- Set 2: again 5 laps of $\pm 2$ ' each.
- In total this exercise takes $24^{\prime}\left(10^{\prime}\right.$ Set $1+4^{\prime}$ recovery $+10^{\prime}$ Set 2 ).
- Referees can be instructed to take a technical decision based on where the coach bounces the ball. This position indicates a foul for the attacking team (foul in- or outside penalty area). Alternatively, the coach can also bounce the ball in front of or ahead of the goal line (goal or no-goal).


Total duration: $\mathbf{1 0 0}^{\prime}$

Fri. $6^{\text {th. }}$
$\begin{aligned} \frac{\text { Sat. } 7^{\text {th }}:}{\text { Tr. } 69} & \text { * Warm up } \\ & \text { * Speed }\end{aligned}$

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

- Set 1: short sprints in the penalty area, 5 laps.

-5' recovery and stretching
- Perform a $2^{\text {nd }}$ Set of the above exercise (5 sprints).
- The total exercise time is $\pm 15^{\prime}$.
* Cool down $\quad-5$ ' jogging and walking, followed by 10 ' extensive stretching.

Total duration: $\mathbf{5 0}^{\prime}$
Sun. $8^{\text {th }}$ : If you don't have a match appointment for the domestic league, use your free time for additional recovery, or 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 notrefereeing as VAR or $4^{\text {th }}$ Official.

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

