

WEEK 7 from Monday 12th to Sunday 18th of February Macrocycle VII, week 1 (Training week 37)

Mon. 12th: * Act. Rec. Tr. 139

- 50' recovery session in a fitness centre.

Tue. 13th: * Low Int.

- 5' jogging slowly building up to 70% HR_{max} (± 1 km).

Tr. 140 * Warm up

- 20' jogging, mobilisation and dynamic stretching.

* Strength

- 15' strength, core stability & injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL

for 2 sets of 30"-30" exercises).

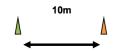
- Alternatively, you can consider a Functional Training Session:

- 3 sets of 4' each (1' rest between Sets)

https://www.youtube.com/watch?v=a2J-5NN 2Tw

* Speed End.

- Run for 10m at 90% max speed, walk to the end (40m)
- Turn and run 20m at 90% SPmax, walk to the end (30m)
- Turn and run 30m at 90% SPmax, walk to the end (20m)
- Turn and run 40m at 90% SPmax, walk to the end (10m)
- Turn and run 50m at 90% SPmax, turn and run another 50m (100m)
- Your heart rate should peak at >90% HR_{max} at the end of each rep
- Rest for 90" then repeat 5 x. Total time is 15".
- 4' passive recovery (until bpm < 65% HR_{max})



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- The total duration of this session is + 15'.

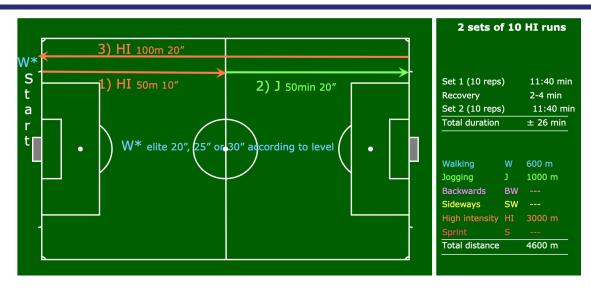
* High Int.

- <u>Set 1:</u> Run from goal line to midline at high intensity in 10". Then, jog to the opposite goal line in 20". Continue from goal line to the opposite goal line in 20". Recovery time of 20", 25", 30" recovery according to level.10 reps.

- 2-4 min according to level.

- Set 2: Again 10 reps.





* Cool down

- 5' jogging and walking, followed by 10' static stretching.

Total duration: 98'

Wed. 14th:

Rest day / Complementary strength and/or injury prevention training

Thu. 15th: * Low Int. Tr. 141

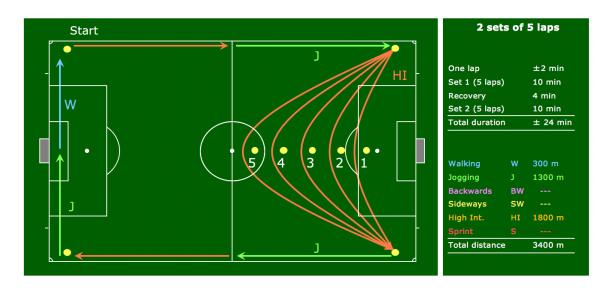
- 5' jogging slowly building up to 70% HR_{max} (± 1 km).

* Warm up

- 20' jogging, mobilisation and dynamic stretching.

* Strength

- 15' strength, core stability & injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30"-30" exercises).
- * High Int.
- Set 1: Referees perform 5 laps
- Run at the appropriate intensity around the pitch perimeter.
- 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 target zone should be 90%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.

Rest day / Complementary strength and/or injury prevention training

- This exercise takes ± 22' (10' Set 1 + 2' recovery + 10' Set 2).
- * Match
- 10' match play
- * Cool down
- 5' jogging and walking, followed by 10' static stretching.

Total duration: 87'

Fri. 16th:

Sat. 17th:

Tr. 142

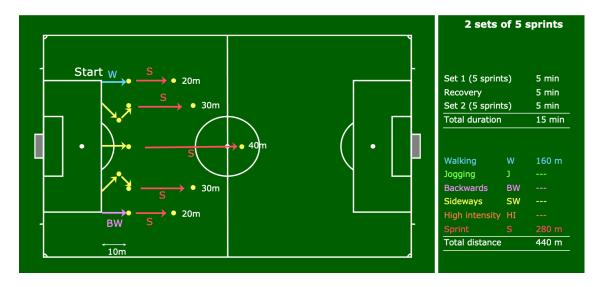
* Warm up

- 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' stretching break.



- 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
- 5' jogging and walking, followed by 10' static stretching.

Total duration: 50'



<u>Sun. 18th:</u>

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 in case you are VAR or 4th Official to compensate for not being physically involved in the game.



WEEK 8 from Monday 19th to Sunday 25th of February Macrocycle VII, week 2 (Training week 38)

Mon. 19th: * Act. Rec. Tr. 143

- 50' recovery session in a fitness centre.

Tue. 20th: * Low Int.

- 5' jogging slowly building up to 70% HR_{max} (± 1 km)

Tr. 144

* Warm up - 20' jogging, mobilisation and dynamic stretching.

* Strength

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

- Alternatively, you can consider a Functional Training Session:

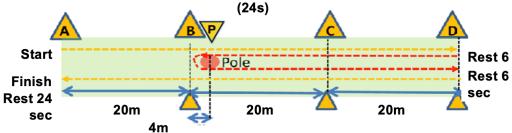
- 1 workout of 12 min:

https://www.youtube.com/watch?v=Goo0g zmFBY

* High Int.

- 3 Sets of the typical SDS exercise with the newest audio file, i.e. without countdown!

1 sub-max REP=76s: A-D (12s) Rest (6s) + D-P-D (16s) Rest (6s) + D-A (12s) Rest



	Lap	Recovery	A-D	Rest	D-P-D	Rest	D-A
Timetable - by set	1	0:00	0:12	0:18	0:34	0:40	0:52
	2	1:16	1:28	1:34	1:50	1:56	2:08
	3	2:32	2:44	2:50	3:06	3:12	3:24
	4	3:48	4:00	4:06	4:22	4:28	4:40
	5	5:04	5:16	5:22	5:38	5:44	5:56

- This exercise takes 21'15" and covers 2.880 m of HI running.
- For ARs, there is a new variation that is using the same sound file as for the regular SDS for Referees. For 3 Sets, it takes about 21'.

Timetable								
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Lap	Recovery	A - B - A	Rest	AC - CA	Rest	A - B - A		
		Double		Quadruple		Double		
1	00:00	00:12	00:18	00:34	00:40	00:52		
2	01:16	01:28	01:34	01:50	01:56	02:08		
3	02:32	02:44	02:50	03:06	03:12	03:24		
4	03:48	04:00	04:06	04:22	04:28	04:40		
5	05:04	05:16	05:22	05:38	05:44	05:56		
72" rest								

COMPARING TESTS				
ARIET		F-S-F		
1470	DISTANCE (m)	2100		
930	FORWARD (m)	1200		
540	SIDEWAYS (m)	900		
45	TURNS	135		
11`15``	TOTAL TIME OF THE TEST	20`12``		
3`40``	TOTAL TIME OF THE REST	10`12``		
7`35``	TOTAL TIME OF ACTIVITY	10`		
7 TO 8	SUBJECTIVE FEELING OF THE TEST	8 TO 9		

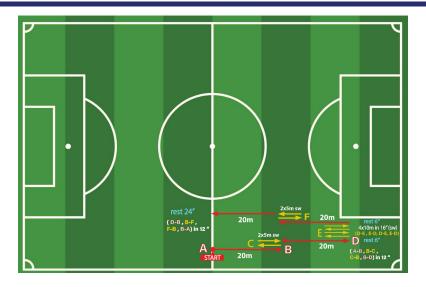
W. Helsen @: WeHelsen

LI: Werner Helsen

M +32 477 425 534

E werner.helsen@uefa.ch p. 5





- A video clip is available on https://www.perception4perfection.eu
- * Cool down
- 5' jogging and walking, followed by 10' static stretching.

Total duration: 78'

Wed. 21st:

Rest day / Complementary strength and/or injury prevention training

Thu. 22nd: Low Int. - 5' jogging slowly building up to 70% HR_{max} (± 1 km).

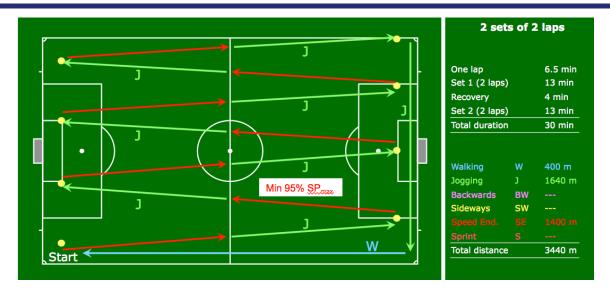
Tr. 145

- 20' jogging, mobilisation and dynamic stretching.
- * Strength

* Warm up

- 15' strength, core stability & injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30"-30" exercises).
- * Speed End.
- Set 1:
- 2 laps of the following field exercise.
- The running speed should be minimum 95% SP_{max}.
- One lap consists of 7 (sub)maximal sprints followed by 7 recovery jogs. The jogging should take 3 times longer than the duration of the tempo run. After reaching the finish, the referees jog all along the goal line until the next corner and then walk back to the start position. It takes + 13' to do 2 full laps.
- 4' recovery
- Set 2: Again 2 laps of 7 sprints.





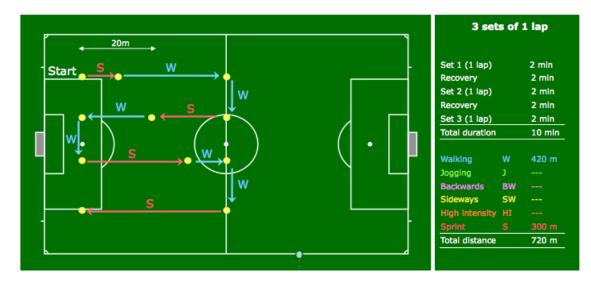
- The exercise takes ± 31' (13' Set 1 + 4' recovery + 13' Set 2).
- * Cool down 5' jogging and walking, followed by 10' static stretching.

Total duration: 86'

Fri. 23rd: Rest day / Complementary strength and/or injury prevention training

Sat. 24th: Tr. 146

- * Warm up
- 20' jogging, mobilisation and dynamic stretching.
- * Speed Set 1:
 - (1) Sprint for 10m, then walk for 30m. (2) Sprint for 20m, then walk for 20m. (3) Sprint for 30m, then walk for 10m. (4) Sprint for 40m.
 - 3' recovery



- * Speed
- Set 2:
- Now start first with 40m and then work down to 10 m.



- 3' recovery

* Speed - Set 3: Repeat set 1

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

Total duration: 50'

Sun. 25th:

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 in case you are VAR or 4th Official to compensate for not being physically involved in the game.



WEEK 9 from Monday 26th of February to Sunday 3rd of March Macrocycle VII, week 3 (Training week 39)

Mon. 26th: * Act. Rec. Tr. 147

- 50' recovery session in a fitness centre.

<u>Tue. 27th:</u> * Low Int. Tr. 148

- 5' jogging slowly building up to 70% HR_{max} (± 1 km).

* Warm up

- 20' jogging, mobilisation and dynamic stretching.

* Strength

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

- Alternatively, you can consider a Functional Training Session:

- 3 sets of 4' each (1' rest between Sets)

https://www.youtube.com/watch?v=ZCcX2Egirp4

* Speed/Agility

- This **new** agility exercise takes place in a square of 5 x 5 m as follows:

- Set 1: 3 Reps of the following sequence

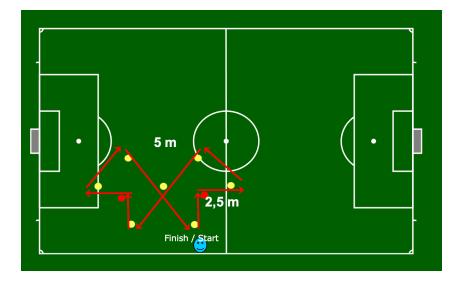
- 2,5 m forward > 2,5 m sideways > Short diagonal > Long diagonal

- 2,5 m forward > 2,5 m sideways > Short diagonal > Long diagonal

- 1 min recovery between Reps

- 3' recovery

- Set 2: Now start on the other side and complete again 3 Reps

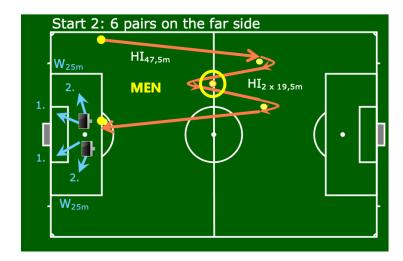


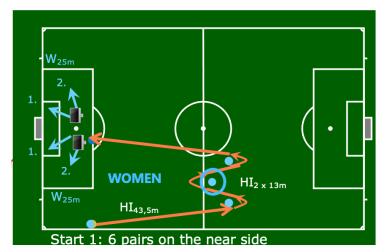
* High Int.

- Set 1: Field exercise, 10 to 12 x
- From the start, run at high intensity to the other side of the field, turn around the 3 cones and run to the TV screens to take a decision, report your decision, and return to the starting position. The fitness level determines around which cone the referees may turn (either 134 m or 113 m in 30 sec)



- 4' recovery
- <u>Set 2</u>: Same as set 1, however, start on the opposite side.
- All together, for 10 laps this exercise takes 34 min including 2' rec.
- This is how we did it for the first-time with mixed teams during the winter course in Rome 2023 (men and women).



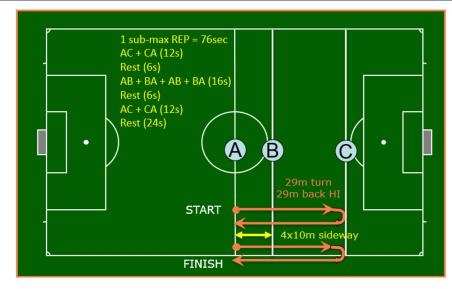


* Concentration: - In case there are no TV screens available, try the next alternative:

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 must decide if it is a foul for the attacking team inside (> penalty) or outside (> free kick) the penalty area. If the referee's decision is correct > thumbs up, if not > 5 push-ups.

- For ARs, there is a new challenging exercise, the D-Q-D exercise: Your coaches have the audio file!







* Cool down

- 5' jogging and walking, followed by 10' static stretching.

Total duration: 90'

Wed. 28th:

Rest day / Complementary strength and/or injury prevention training

<u>Thu. 29th:</u> * Low Int. Tr. 149

- 5' jogging slowly building up to 70% HR_{max} (± 1 km).

* Warm up

- 20' jogging, mobilisation and dynamic stretching.

* Strength

- 15' strength, core stability & injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30"-30" exercises).
- Alternatively, you can consider a Functional Training Session:
- 1 workout of 12 min:

https://www.youtube.com/watch?v=Goo0g zmFBY

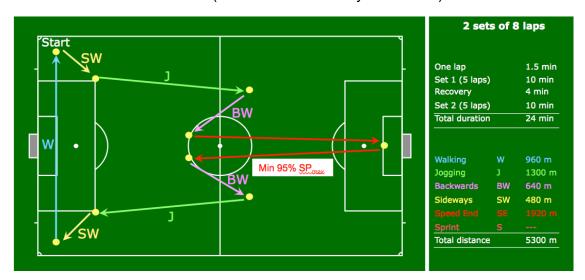
* Speed End.

- Field exercise, 8 laps in total from the start as follows:
- Sideways-R (+ 15 m)
- Jog to next cone (+ 40 m)
- Backwards jogging to the next cone (+ 15 m)
- High speed run around the top cone and to the next cone (+ 100m)
- The running speed should be minimum 95%SP_{max}.
- Running backwards to the next cone (± 15 m)
- Jogging at medium intensity to the next cone (± 40 m)
- Sideways-L (+ 15 m)
- Walk back to start (+ 60 m)
- One full lap, arriving back at the start takes + 90".
- Therefore, restart every 90".
- Set 1 (8 laps) takes ± 12' to complete.
- 4' recovery

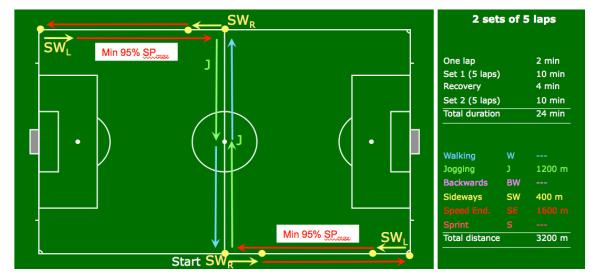
Set 2: Field exercise, again 6 laps of 2' each.



All together, this speed endurance exercise takes ± 28'
 (12' Set 1 + 4' recovery + 12' 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.



- * Match
- 10' match play.
- * Cool down
- 5' jogging and walking, followed by 10' static stretching.

Total duration: 93'

Fri. 1st: REST DAY

<u>Sat. 2nd:</u> * Warm up Tr. 150

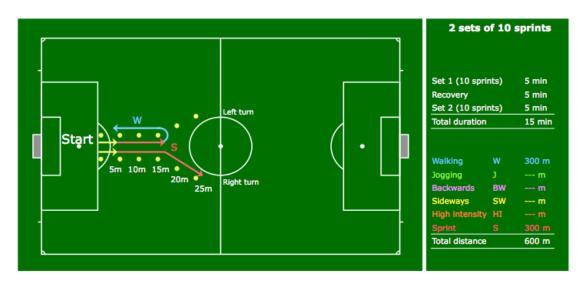
- 20' jogging, mobilisation and dynamic stretching.
- * Speed Short sprints from a dynamic start:
 - 2 x 5 m, 2 x 10 m, 2 x 15 m, 2 x 20 m and 2 x 25 m

(with a change in direction to the left)

- 5' recovery



- The second set of the 10 sprints is done in reversed order, i.e. 2×25 m (with a change in direction to the right), 2×20 m, 2×15 m, 2×10 m and 2×5 m



- The total exercise time is 15'
- * Cool down 5' jogging and walking, followed by 10' static stretching.

Total duration: 50'

Sun. 3rd:

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 in case you are VAR or 4th Official to compensate for not being physically involved in the game.



WEEK 10 from Monday 4th to Sunday 10th of March Macrocycle VII, week 4 (Training week 40)

Mon. 4th: Tr. 151 * Act. Rec.

- 50' recovery session in a fitness centre.

Tue. 5th: Tr. 152

* Low Int.

- 5' jogging slowly building up to 70% HR_{max} (± 1 km).

* Warm up

- 20' jogging, mobilisation and dynamic stretching.

* Strength

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

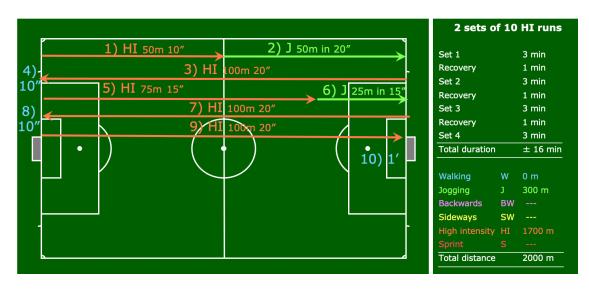
- Alternatively, you can consider a Functional Training Session:

- 1 workout of 12 min:

https://www.youtube.com/watch?v=KNIhyiA3h9o

* High Int.

- <u>Set 1:</u> 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". 8) 10" recovery. 9) Run from goal line to goal line at high speed in 20". 10) 1' recovery.
- 1' recovery
- Set 2-3-4: same procedure



* Cool down

- 5' jogging and walking, followed by 10' static stretching.

Total duration: 81'

Wed. 6th:

REST DAY

Thu. 7th: Tr. 153

* Low Int.

- 5' jogging slowly building up to 70% HR_{max} (\pm 1 km).

W. Helsen @: WeHelsen

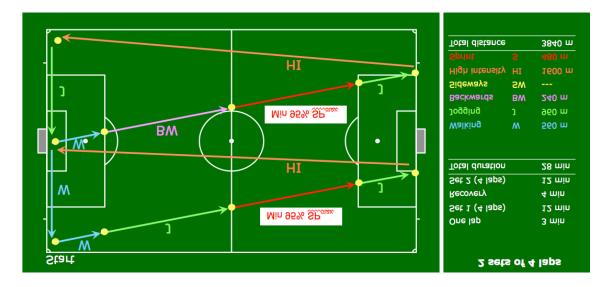
LI: Werner Helsen

M +32 477 425 534

E werner.helsen@uefa.ch p. 14



- * Warm up 20' jogging, mobilisation and dynamic stretching.
- * Strength 15' strength, core stability & injury prevention exercises.
 (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30"-30" exercises).
- * Speed End. Set 1:
 - 4 laps of ± 3' each.
 - 4' recovery



- Set 2:
- $-\overline{5}$ laps of \pm 2'30" each.
- This exercise takes ± 29' (12'30" Set 1 + 4' rec. + 12'30" Set 2).
- * Match 10' match play.
- * Cool down 5' jogging and walking, followed by 10' static stretching.

Total duration: 93'

Fri. 8th:

Rest day / Complementary strength and/or injury prevention training

Sat. 9th: Tr. 154

* Warm up

- 20' jogging, mobilisation and dynamic stretching.

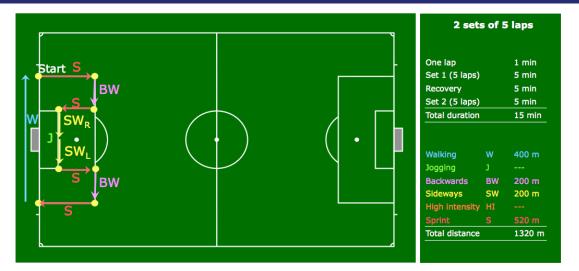
* Speed/Agility

- Penalty area exercise, as per diagram below.

- Set 1:

5 laps in the penalty area from start to finish as indicated.





- Set 2:
- Perform another 5 laps of the penalty area exercise.
- The total exercise time is 15'.
- * Cool down
- 5' jogging and walking, followed by 10' static stretching.

Total duration: 50'

Sun. 10th:

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 in case you are VAR or 4th Official to compensate for not being physically involved in the game.



WEEK 11 from Monday 11th to Sunday 17th of March Macrocycle VII, week 5 (Training week 41)

Mon. 11th: * Act. Rec. - 50' red

- 50' recovery session in a fitness centre.

Tue. 12th: * Low Int.

- 5' jogging slowly building up to 70% HR_{max} (± 1 km).

Tr. 156

* Warm up - 20' jogging, mobilisation and dynamic stretching.

* Strength - 15' strength, core stability & injury prevention exercises.

(abdominals, back muscles, sideways, arms, legs, see Library TSL

for 2 sets of 30"-30" exercises).

- Alternatively, you can consider a Functional Training Session:

- 3 sets of 4' each (1' rest between Sets)

https://www.youtube.com/watch?v=7GiegQW556Y

* High Int.

- Referee circuit training: 4 HI exercises of 6 min each 1:1 recovery

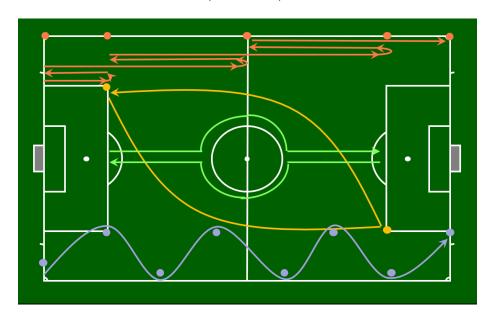
- 2 min recovery between each of the 4 sets

- The swerv (6x 30"-30")

- The diagonal (4x 40"-40")

- Across the halfway line (10x 15"-15")

- The suicide (3x 60"-60")



- All together this exercise takes 4 times 6 min with 2 min rec ± 30'.

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

Total duration: 85'

Wed. 13th: Rest day / Complementary strength and/or injury prevention training

Thu. 14^{th} : * Low Int. - 5' jogging slowly building up to 70% HR_{max} (± 1 km). Tr. 157

* Warm up - 20' jogging, mobilisation and dynamic stretching.

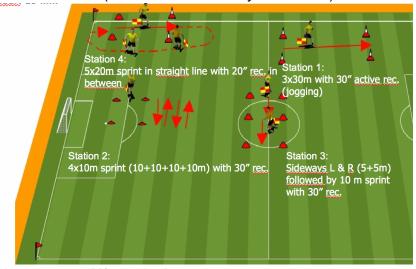
W. Helsen @: WeHelsen LI: Werner Helsen M +32 477 425 534 E werner.helsen@uefa.ch p. 17



- * Strength
- 15' strength, core stability & injury prevention exercises. (abdominals, back muscles, sideways, arms, legs, see Library TSL for 2 sets of 30"-30" exercises).
- * Rep. Spr. Ab.
- Referees are organized in 4 stations
- They repeat 3 reps of 40 m and have 1' recovery between stations
- Between Set 1 and Set 2, there is 3-4' recovery
- The RSA distance = (3x40m) x 4 stations = 480m) x 2 sets = 960m
- All together, these 2 RSA sets take ± 26' (14' Set 1 + 3' recovery + 14' Set 2)



- * Rep. Spr. Ab.
- Assistant Referees are organized in 4 stations
- They repeat 3 reps of 40 m and have 1' recovery between stations
- Between Set 1 and Set 2, there is 3-4' recovery
- The RSA distance = (3x40m) x 4 stations = 480m) x 2 sets = 960m
- All together, these 2 RSA sets take ± 26' (14' Set 1 + 3' recovery + 14' Set 2)



- * Match
- 10' match play.
- * Cool down
- 5' jogging and walking, followed by 10' static stretching.

Total duration: 91'



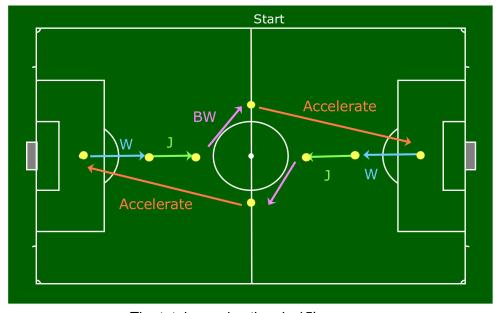
Fri. 15th:

REST DAY

Sat. 16th: 'Tr. 158

* Warm up

- 20' jogging, mobilisation and dynamic stretching.
- * Speed Variations on the centre circle sprint:
 - Set 1: 4 laps in total (8 accelerations).
 - 3' recovery
 - Set 2: 4 laps in total (8 accelerations).



- The total exercise time is 15'.
- * Cool down 5' jogging and walking, followed by 10' static stretching.

Total duration: 51'

Sun. 17th:

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 in case you are VAR or 4th Official to compensate for not being physically involved in the game.



WEEK 12 from Monday 18th to Sunday 24th of March Macrocycle VII, week 6 (Training week 42)

Mon. 18th: * Act. Rec. Tr. 159

- 50' recovery session in a fitness centre.

Tue. 19th: *

* Low Int.

- 5' jogging slowly building up to 70% HR_{max} (± 1 km).

* Warm up

- 20' jogging, mobilisation and dynamic stretching.

* Strength

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

- Alternatively, you can consider a Functional Training Session:

- 1 workout of 12 min:

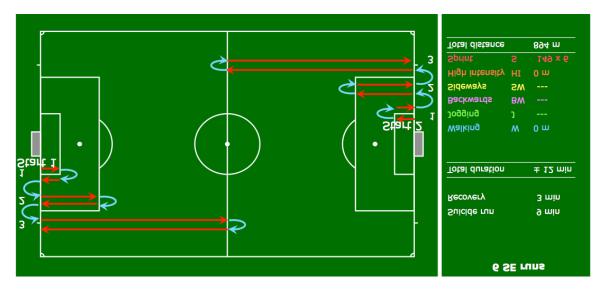
https://www.youtube.com/watch?v=xEoCXW09-pk

* 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' rest.
- Repeat 6 x.
- For each run, the reference time is < 25" (very good), < 30" (good).

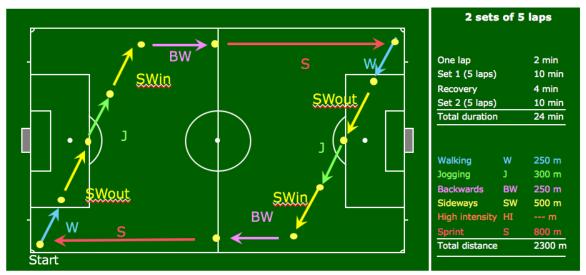
In case of group sessions, it is possible to use 2 starting positions as mentioned below.

- 3' recovery.



* Speed End. - <u>Just 1 Set of 5 laps</u>: 'Referee run': 10'





- 3' recovery
- All together, this training session takes 9' + 3' recovery + 10' + 3' recovery = 25'.
- 5' jogging and walking, followed by 10' static stretching. * Cool down

Total duration: 87'

Wed. 20th:

Rest day / Complementary strength and/or injury prevention training

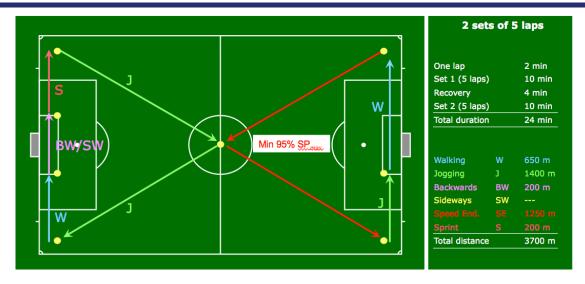
Thu. 21st: * Low Int. Tr. 161

- 5' jogging slowly building up to 70% HR_{max} (± 1 km).

* Warm up

- 20' jogging, mobilisation and dynamic stretching.
- * Strength
- 15' strength, core stability & 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 performing the different activities at the appropriate intensities. Where indicated, the running speed should be minimum 95%SP_{max}.
- 4' recovery
- Set 2:
- Field exercise, 5 laps of ± 2' each.





- All together this exercise takes 24'
 (10' Set 1 + 4' recovery + 10' Set 2)
- * Match 10' match play.
- * Cool down 5' jogging and walking, followed by 10' static stretching.

Total duration: 89'

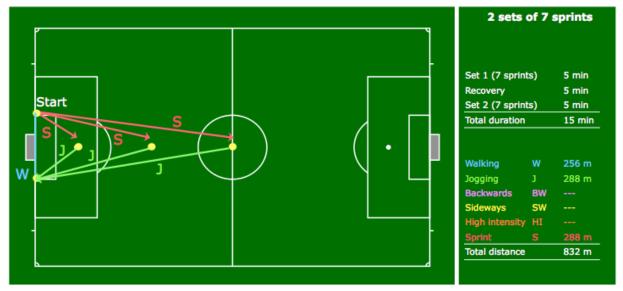
Fri. 22nd: Rest day / Complementary strength and/or injury prevention training

<u>Sat. 23rd:</u> * Warm up Tr. 162

- 20' jogging, mobilisation and dynamic stretching.

* Speed

- 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



- Sprints should ideally start from a dynamic start position (walking, jogging, sideways or backwards...).



- 5' recovery, followed by a 2nd Set of 7 sprints.
- The total exercise time is 15'
- * Cool down
- 5' jogging and walking, followed by 10' static stretching.

Total duration: 50'

Sun. 24th:

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 in case you are VAR or 4th Official to compensate for not being physically involved in the game.