

# WE ARE

XXIX Isokinetic Medical Group Conference

# Football Medicine THE PLAYERS' VOICES

4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup> June 2022 - LYON, France



**ISOKINETIC  
MEDICAL GROUP**

**FIFA** | MEDICAL CENTRE  
OF EXCELLENCE

**FINAL PROGRAMME**



# BACK

#isoK22

# PRACTICAL INFORMATION

## THE REGISTRATION FEE INCLUDES:

- Admission to all scientific sessions, exhibit areas and sponsored workshops
- Conference material (conference bag, abstract book & conference programme)
- Coffee and lunch breaks
- Certificate of attendance
- Free Wi-Fi

## VIRTUAL SUMMITS 2021/2022

The 4 Isokinetic Virtual Summits that were held from April 2021 to March 2022 are included in your registration. You will be able to watch the Virtual Summits during the conference days near the ISOKINETIC POINT area, and to access the on-demand version available on the GoToWebinar platform.

Further details are available on pages 28 and 29 of this programme.

## ISOKINETIC POINT

Isokinetic Medical Group staff is available in the EXHIBIT area to provide you with any information you need about the Conference and the Isokinetic Network.

## OFFICIAL LANGUAGE

The official language is English.

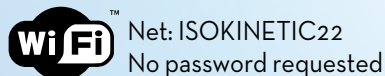
## CERTIFICATE OF ATTENDANCE

You will receive your certificate of attendance by e-mail after the Conference.

## CME CREDITS

Accreditation Statement.

If you are a Specialised Doctor you can go to the Isokinetic Point at anytime during the Conference.



# SHARE

## #isoK22

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 @footballmed

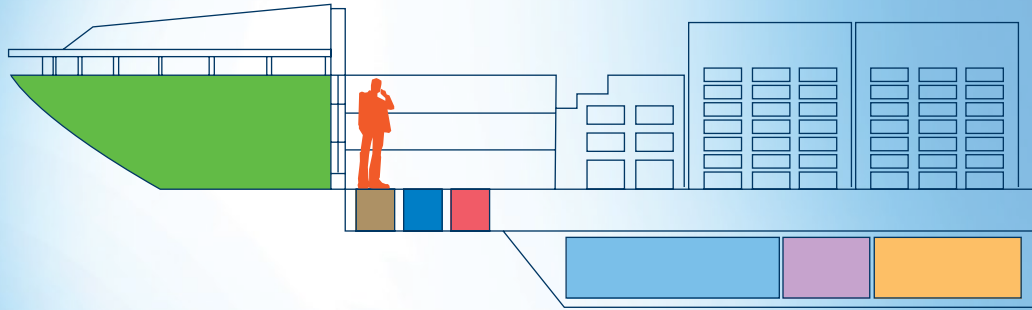
 @isokinetic\_officialpage

 Isokinetic Conference Football Medicine

[www.isokineticconference.com](http://www.isokineticconference.com)

# THE CONFERENCE

# VENUE PLAN



## Convention center Cité Internationale

34 Quai Charles de Gaulle - 69006 Lyon, France

OFFICIAL ENTRANCE OF THE CONFERENCE:

Convention Centre "Amphitheatre"

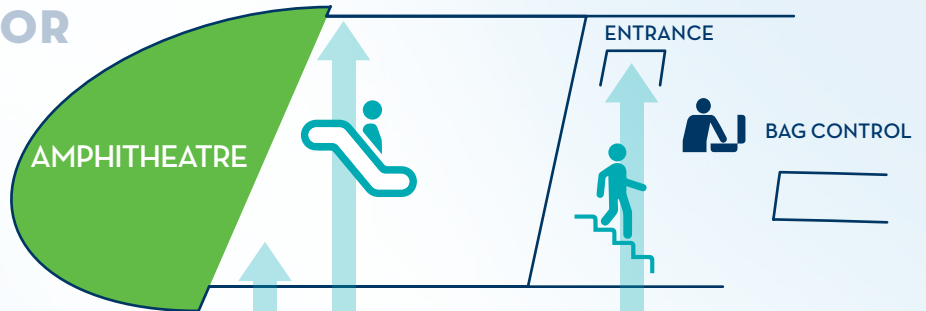
Entrées Bellecour.

Reach the "Orange Giant" and you will find our entrance.

## GROUND FLOOR

### AMPHITHEATRE

- Invited speaker sessions
- Open Debates



## LEVEL -1

### REGISTRATION - CLOAKROOM

#### BELLECOUR 1

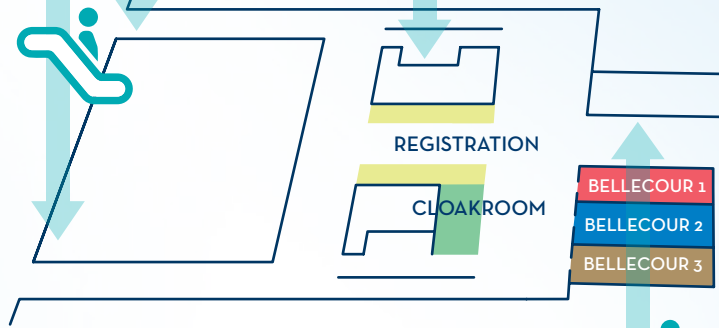
- Free Oral Presentations
- Contest
- Workshops

#### BELLECOUR 2

- Free Oral Presentations
- Workshops

#### BELLECOUR 3

- Workshops



## LEVEL -2

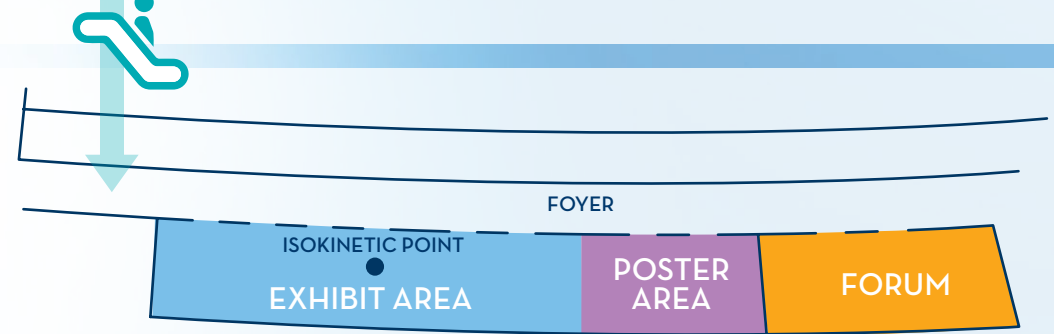
### FORUM

- Invited speaker sessions
- Open Debates

### EXHIBIT AREA

- Exhibitors
- Isokinetic Point

### POSTER AREA



# SCHEDULE SUMMARY

Saturday 4<sup>th</sup> June 2022

	AMPHITHEATRE	FORUM	BELLECOUR 1	BELLECOUR 2	BELLECOUR 3	POSTER AREA			
9:00-9:15	WELCOME						9:00-9:15		
9:15-10:00	LANDSCAPE						9:15-10:00		
10:00-10:30							10:00-10:30		
10:30-11:00							10:30-11:00		
11:00-11:30	coffee break			coffee break			11:00-11:30		
11:30-12:15	Open Debate TENDON INJURIES	FOOT & ANKLE INJURIES	FIDIA Company Workshop	Free Oral Presentations ORTHOAEDIC 1	VALD Company Workshop		11:30-12:00		
12:15-13:00	Open Debate KNEE DISLOCATION								12:00-12:30
13:00-13:30	lunch break		GLOBUS Company Workshop	Free Oral Presentations RECONDITIONING	ATHLETES IN RESEARCH Scientific Workshop		13:00-13:30		
13:30-14:00									13:30-14:00
14:00-14:30									FREE POSTER Presentations PA - PB - PC - PD - PE
14:30-15:15	THE FOOTBALLER THIGH	Open Debate CONCUSSION	TECHNOGYM Company Workshop	Free Oral Presentations VIDEO ANALYSIS	ECOSEP Scientific Workshop		14:30-15:00		
15:15-16:00		Open Debate RTP AFTER ACLR							15:00-15:30
16:00-16:30	break			break			16:00-16:30		
16:30-17:15	HAMSTRING INJURIES	Open Debate ACL YOUNG MANAGEMENT	Free Oral Presentations FEMALE ATHLETE	Free Oral Presentations EPIDEMIOLOGY	TRB CHEMEDICA Company Workshop		16:30-17:00		
17:15-18:00		Open Debate ACL YOUNG PREVENTION							17:00-17:30
							17:30-18:00		



# SCHEDULE SUMMARY

Sunday 5<sup>th</sup> June 2022

	AMPHITHEATRE	FORUM	BELLECOUR 1	BELLECOUR 2	BELLECOUR 3	POSTER AREA	
8:30-9:00	CHAMPIONS LEAGUE STUDIES	HIP & GROIN	Best Case Report Contest FINALS	Free Oral Presentations CASE REPORTS	SPORTFISIO Scientific Workshop		8:30-9:00
9:00-9:30							9:00-9:30
9:30-10:00							9:30-10:00
10:00-10:30	coffee break			coffee break			10:00-10:30
10:30-11:15	RETURN TO PLAY: KNEE INJURIES	Open Debate WOMEN'S FOOTBALL	Best Case Report Contest FINALS	Free Oral Presentations PREVENTION	1080 MOTION Company Workshop		10:30-11:00
11:15-12:00		Open Debate FOOTBALL MEDICINE					11:00-11:30
12:00-12:45	STATIC AND DINAMIC STABILITY	Open Debate ENGAGE THE PLAYER	Free Oral Presentations NEUROMUSCULAR	IBSA Company Workshop	MEDHECA Company Workshop		12:00-12:30
12:45-13:30		Open Debate SPORTS REHAB					12:30-13:00
13:30-14:15	lunch break			lunch break		FREE POSTER Presentations PF - PG - PH - PL - PM - PN	13:30-14:00
14:15-15:00							DELFY Company Workshop
15:00-15:45	LOWER EXTREMITY TENDINOPATHY	Open Debate CARTILAGE INJURIES	EME Company Workshop		MDT SA Company Workshop		15:00-15:30
15:45-16:30		Open Debate REGENERATIVE MEDICINE					15:30-16:00
16:30-17:00	CONTEST CEREMONY	break		break			16:30-17:00
17:00-17:45	ACL REINJURY	Open Debate MUSCLE INJURIES	Free Oral Presentations ORTHOPAEDIC 2	Free Oral Presentations BIOMECHANICS			17:00-17:30
17:45-18:30		Open Debate HIP & GROIN INJURIES					17:30-18:00
							18:00-18:30

# SCHEDULE SUMMARY

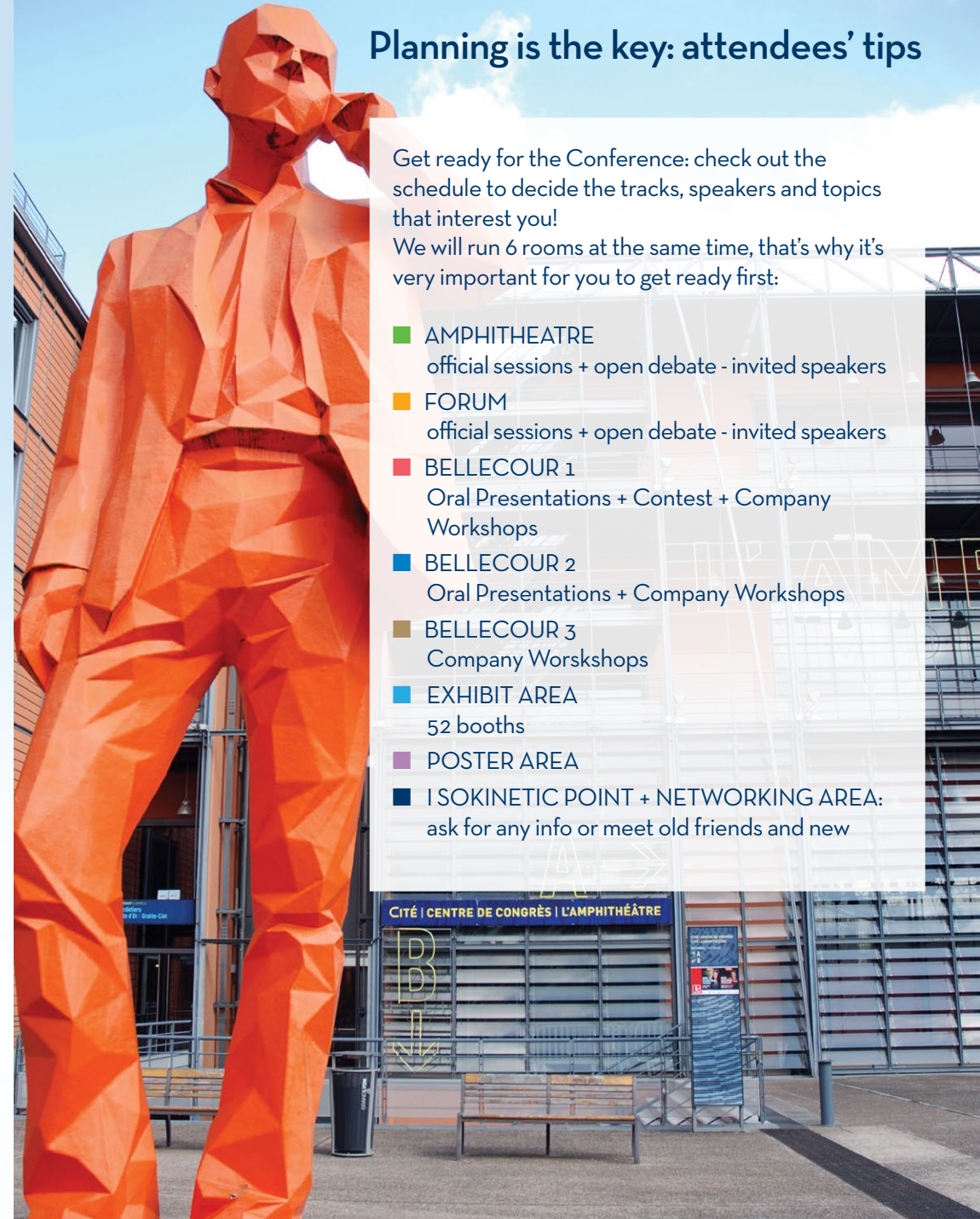
Monday 6<sup>th</sup> June 2022

	AMPHITHEATRE	BELLECOUR 2
8:30-9:00	PLANNING THE PRE-SEASON	Free Oral Presentations MEDICAL ISSUES
9:00-9:30		
9:30-10:00		
10:00-10:30	coffee break	
10:30-11:00	PERFORMANCE ENHANCEMENT	Free Oral Presentations BRAIN & CENTRAL NERVOUS SYSTEM
11:00-11:30		
11:30-12:00		
12:00-12:30	LATE STAGE REHABILITATION	
12:30-13:00		
13:00-13:30		
13:30-14:00	lunch	
14:00-14:30		
14:30-15:15	Open Debate LONG TERM CONSEQUENCES INJURIES	
15:15-16:00	Open Debate MONITORING THE LOAD	

## Planning is the key: attendees' tips

Get ready for the Conference: check out the schedule to decide the tracks, speakers and topics that interest you!  
We will run 6 rooms at the same time, that's why it's very important for you to get ready first:

- AMPHITHEATRE  
official sessions + open debate - invited speakers
- FORUM  
official sessions + open debate - invited speakers
- BELLECOUR 1  
Oral Presentations + Contest + Company Workshops
- BELLECOUR 2  
Oral Presentations + Company Workshops
- BELLECOUR 3  
Company Workshops
- EXHIBIT AREA  
52 booths
- POSTER AREA
- I SOKINETIC POINT + NETWORKING AREA:  
ask for any info or meet old friends and new



## AMPHITHEATRE

## OFFICIAL WELCOME

09:00 Aulas JM (FRA) - Della Villa S (ITA) - d'Hooghe M (BEL)

## LANDSCAPE

Chair: Della Villa S (ITA) - d'Hooghe M (BEL)

09:15 **A lion never dies** Dvorak J (SUI)

09:30 **The player perspective of knee injuries** Smith R (UK)

09:45 **ACL surgery and long career in football** Musahl V (USA)

10:00 **The new landscape of injury prevention: what will we learn?** Bahr R (NOR)

10:15 **Regenerative medicine in top athletes** Olmo J (UK)

10:30 Discussion

11:00 Coffee Break

## Open Debate EXERCISE AND/OR REGENERATIVE MEDICINE FOR TENDON INJURIES

11:30 - 12:15

Chair: Khan K (CAN) Presenter: Filardo G (ITA)

Debater: Cugat R (ESP) Debater: Alfredson H (SWE) Player: Hourihan M (UK)

## Open Debate RETURN TO SPORT AFTER A KNEE DISLOCATION

12:15 - 13:00

Chair: Espregueira-Mendes J (POR) Presenter: Sonnery-Cottet B (FRA)

Debater: Cohen M (BRA) Debater: Maffulli N (ITA) Player: Giraud Moine V (FRA)

13:00 Lunch Break

## THE FOOTBALL THIGH

Chair: Collado H (FRA) - Edwards T (NZL)

14:30 **Overview of the footballer's quad** Uebliacker P (GER)

14:45 **I had a rectus femoris injury: And now what?** Pedret C (ESP)

15:00 **Identifying and managing myositis ossificans** Brukner P (AUS)

15:15 **Role of surgery for quadriceps tendon ruptures** Haddad F (UK)

15:30 **Quadriceps strain that doesn't get better: Can imaging help the clinician find the bullseye?**  
Forster B (CAN)

15:45 Discussion

11:00 Break

## HAMSTRING: ALWAYS FIRST IN FOOTBALL INJURIES' RANKING

Chair: Baudot C (FRA) - Rodas G (ESP)

16:30 **Early management of the acute hamstring strain in football: pearls & pitfalls** Wangesteen A (NOR)

16:45 **Hamstring ultrasound and MRI: when imaging helps and when it doesn't** Lee J (UK)

17:00 **Interest of sprinting in the hamstring injury management** Edouard P (FRA)

17:15 **Practical management of the recurrent strain and the post-surgical hamstring** van Dyk N (IRL)

17:30 **Avulsion hamstring injuries and return to function** d'Orsi G (ITA)

17:45 Discussion

18:00 End of the day

## FORUM

## MANAGEMENT OF FOOT &amp; ANKLE INJURIES IN PROFESSIONAL FOOTBALL

Chair: Assal M (SUI) - Vannini F (ITA)

11:30 **The syndesmotank ankle pivot: are we reviving the ACL story?** d'Hooghe P (QAT)

11:45 **Lateral ligament ankle injury: when is arthroscopy indicated?** Guillo S (FRA)

12:00 **Achilles tendon rupture: treatment options and return to play** Philippot R (FRA)

12:15 **Complete functional recovery after Achilles Tendon Rupture, is it possible?** Cushman D (USA)

12:30 **Biological treatment in ankle cartilage lesions: truth versus hype?** Guillen I (ESP)

12:45 Discussion

13:00 Lunch Break

## Open Debate POTENTIAL DANGER IN FOOTBALL: CONCUSSION

14:30 - 15:15

Chair: Dvorak J (SUI) Presenter: Fedderman N (SUI)

Debater: Gouttebauge V (NED) Debater: Gillett M (UK) Player: Batty P (UK)

## Open Debate RETURN TO PLAY AFTER ACLR

15:15 - 16:00

Chair: Reider B (USA) Presenter: Williams R (USA)

Debater: Webster K (AUS) Debater: Bolling C (NED) Player: Competitive athlete

16:00 Break

## Open Debate ACL IN YOUNG: INJURY MANAGEMENT

16:30 - 17:15

Chair: Forssblad M (SWE) Presenter: Fink C (AUT)

Debater: Hulet C (FRA) Debater: Huylebroek J (BEL) Player: Sparrow S (UK)

## Open Debate ACL IN YOUNG: PRIMARY AND SECONDARY PREVENTION

17:15 - 18:00

Chair: Gokeler A (GER) Presenter: Arundale A (AUT)

Debater: Karlsson J (SWE) Debater: Della Villa F (ITA) Player: Simic J (GER)

18:00 End of the day



## BELLECOUR 2

## FREE ORAL PRESENTATIONS

## ORTHOPAEDIC SURGERY - KNEE AND HIP

Chair: Canata G (ITA) - Papacostas E (QAT)

- 11:30 Risk factors for anterior cruciate ligament graft failure in professional athletes Hopper GP (UK)
- 11:40 Primary ACL reconstruction in professional soccer players: factors affecting return to play and graft re-rupture Borque K (USA)
- 11:50 Healing of the patella harvest donor site and tendon graft in bone-tendon-bone Anterior Cruciate Ligament reconstruction in football players Tzoanos G (GRE)
- 12:00 Spontaneous healing in patients with acute ACL rupture. Rate, prognostic factors and short-term outcome Blanke F (GER)
- 12:10 Clinical improvement within 6 months after viscosupplementation with synolis- va® in knee osteoarthritis in active and sports patients Zaffagnini S (ITA)
- 12:20 Association between intraoperative arthroscopy findings and hip range of motion Carton P (IRL)
- 12:30 Return to soccer in competitive soccer players undergoing hip arthroscopy for femoroacetabular impingement Marom M (ISR)
- 12:40 Arthroscopy for femoro-acetabular impingement in athletes with acetabular rim dysplasia Mullins K (IRL)
- 12:50 Discussion

## RECONDITIONING

Chair: Broman D (UK) - Zanobbi M (UK)

- 13:00 Workload quantification during the on-field rehabilitation in football players after ACLR Picinini F (UK)
- 13:10 Composite score of readiness as a data reduction technique for monitoring return-to-sport Oleksy L (POL)
- 13:20 Unilateral versus bilateral resistance exercise in rehabilitation of acl: randomized study Oliveira M (BRA)
- 13:30 Relationship between lower limb strength asymmetries and speedcourt based agility tasks Esteban-Garcia E (UAE)
- 13:40 Biceps femoris compensates for semitendinosus after ACLR with hamstring autograft Tampere T (BEL)
- 13:50 How did football players around the world train during the early covid-19 lockdown? Chamari K (QAT)
- 14:00 Impact of telerehabilitation after sports injuries on psychological outcomes during the Covid-19 pandemic Speranza E (ITA)
- 14:10 Discussion

## VIDEO ANALYSIS

Chair: Gokeler A (GER) - Zago M (ITA)

- 14:30 Offensive change of direction is the main situational pattern of ACL injuries in professional male basketball Tosarelli F (ITA)
- 14:40 Mechanisms and patterns of severe lower limb muscle injuries in male professional football (soccer) players: a video analysis study on 103 consecutive Massa B (ITA)
- 14:50 Video analysis of medial collateral ligament injury mechanisms Pisoni D (ITA)
- 15:00 Reconstruction of achilles tendon rupture 3d kinematics in a professional football player Zago M (ITA)
- 15:10 Effective 2d video-analysis scoring system of 90° change of direction technique Di Paolo S (ITA)
- 15:20 2d video-analysis of unanticipated change of direction focusing on knee joint loading Brinkmann D.J (GER)
- 15:30 Video-analysis of Achilles tendon rupture in male professional football (soccer) players: a study on 60 consecutive cases Tosarelli F (ITA)
- 15:40 The english football ACL injuries: a video-analysis study on 126 consecutive cases Bortolami A (ITA)
- 15:50 Discussion

## BELLECOUR 1

## FREE ORAL PRESENTATIONS

## FEMALE ATHLETE

Chair: Gard S (SUI) - Geertsema L (QAT)

- 16:30 First findings from the women's soccer/football health study: from head to toe Ling D (USA)
- 16:40 Injuries and illness in elite women's football in norway - a two-year prospective cohort study Thorarinsdottir S (NOR)
- 16:50 Video analysis of acl injuries in professional female football players Lucarno S (ITA)
- 17:00 Is there a gender difference in histological analysis of the hamstrings? G. Fournier C (FRA)
- 17:10 Strength deficits in female soccer players following ACL reconstruction: a case control study Refalo A (UK)
- 17:20 A quantitative and qualitative investigation of menstrual cycle dysfunction and related perceptions in British women athletes Stanislas C (UK)
- 17:30 Sport-related concussion attitudes and knowledge in elite english female footballers Shafik A (UK)
- 17:40 Effects of high or low training volumes with the Nordic hamstrings in female football players Amundsen R (NOR)
- 17:50 Discussion

## BELLECOUR 2

## FREE ORAL PRESENTATIONS

## EPIDEMIOLOGY

Chair: Nanni G (ITA) - Tzouroudis N (GRE)

- 16:30 The bundesliga injury study - injury surveillance made in Germany since 2014 Klein C (GER)
- 16:38 Time-loss and recurrence rate of lateral ligamentous ankle injuries in male professional football players Flore Z (GER)
- 16:46 Managing anterior cruciate ligament injuries in men's professional football - Trauma insurance analysis of five consecutive seasons Bloch H (GER)
- 16:54 Incidence and prevalence of injuries in finnish top level football Kurittu E (FIN)
- 17:02 Injuries occurred in youth male football players during the 2021 edition of top cup in cameroon Douryang M (CMR)
- 17:10 Lost in transition: injuries and opinions of young footballers combining the 2nd and 1st teams Larruskain J (ESP)
- 17:18 Football (soccer)-related spinal cord injury—reported cases from 1976 to 2020 Poudel MK (USA)
- 17:26 E-sports players health and performance: the italian pro player study Gastaldo M (ITA)
- 17:34 Association between circa- and post-peak height velocity injuries in football players Monasterio X (ESP)
- 17:42 Discussion



## POSTER AREA

## FREE POSTER PRESENTATIONS

13.30 - 15.00

## BIOMECHANICS - PA

*Chair:* Boldrini L (ITA) - Tamisari A (ITA)

- PA01 **Foot rotation and pelvic tilt 2D angles explain knee loading in lateral shuffle** Di Paolo S (ITA)
- PA02 **Knee loads through a 2D qualitative movement assessment of a deceleration task** Di Paolo S (ITA)
- PA03 **Biceps femoris: mathematical formulation for development of strain energy function of the tissue**  
Pomakidou S (GRE)
- PA04 **Prediction of ground reaction forces in football-specific movements via artificial neural network**  
Plegas G (GRE)
- PA05 **Systematic video analysis of ACL injuries in professional male rugby players: pattern, injury mechanism and biomechanics in 57 consecutive cases** Della Villa F (ITA)

## ACL INJURIES- PB

*Chair:* De Carli A (ITA) - Guillen I (ESP)

- PB01 **Risk of Anterior Cruciate Ligament injuries in alpine skiers** Martinova N (RUS)
- PB02 **Isokinetic strength interpretation guideline for football players with ACL reconstruction**  
van der Horst N (NED)
- PB03 **Physiotherapists perspectives on return to sport decision making after ACL reconstruction** Hill M (UK)
- PB04 **A comprehensive warm-up program for the prevention of ACL in Japanese female collegiate football players** Oda K (JAP)
- PB05 **Neuromuscular characteristics following primary and recurrent ACL injuries** Kurz E (GER)

## JOINT INJURIES- PC

*Chair:* Madonna V (ITA) - Quaglia F (ITA)

- PC02 **A case of concern or the new normal? Lumbar spine MRI findings in asymptomatic elite male academy footballers** Carmody S (UK)
- PC03 **First considerations on the use of Hyaluronic Acid on traumatic tendinopathies** Diaferia G (ITA)
- PC04 **Hydro gel type acellular collagen implant, in chondral defect in professional soccer player**  
Romero C (ECU)
- PC05 **Clinical outcomes after joint injection of sorbitol-modified Hyaluronic Acid for hip diseases** Moretti L (ITA)
- PC06 **Ankle ligament injuries treated with infiltration of Soft Tissue Adapted Biocompatible Hyaluronic Acid**  
Krebs F (BRA)
- PC07 **Foot orthoses as quantified medical device for ankle sprain in football** Borgions F (BEL)
- PC08 **Femoral lateral osteochondral fracture, by rotulian luxation, in high performance soccer player**  
Romero C (ECU)
- PC09 **Ultrasound-guided injection of Soft Tissue Adapted Biocompatible Hyaluronic Acid (STABHATM) in partial focal articular and interstitial tear of rotator cuff** Carvalho GL (POR)

## POSTER AREA

## FREE POSTER PRESENTATIONS

13.30 - 15.00

## CASE REPORTS- PD

*Chair:* Azzini M (ITA) - Grabowski R (POL)

- PD01 **Clinical outcome in a powerlifting athlete after hamstring tendon reconstruction and sports rehabilitation program** Gamberini J (ITA)
- PD02 **Adult recreational footballer with a teenagers groin pain** Liras IN (USA)
- PD03 **Maximising the reahbilitation of an Achilles rupture patient: a case study** Marin V (UK)
- PD04 **MRI Diagnosis of stress-related Injury of the Pars Interarticularis: atypical clinical presentation in a young goalkeeper** Spinnato P (ITA)
- PD05 **A footballer's groin pathology related to iliopsoas syndrome. Differential diagnosis and multidisciplinary rehabilitation approach** Stergiou M (GRE)

## PSICOLOGICAL AND NEUROLOGICAL ISSUES- PE

*Chair:* Stride M (UK) - Zunarelli P (ITA)

- PE01 **Leadership experiences of elite football team physicians during the Covid-19 pandemic: a pilot study**  
Carmody S (UK)
- PE02 **Attitudes to sport psychology consulting in individual and team sport athletes** Rooney D (IRL)
- PE03 **Non specific shoulder pain: biopsychosocial and economic aspects** Foti J (ITA)
- PE04 **The effectiveness of adapted personalized motor activity on mental disorders** Palermi S (ITA)
- PE05 **Multidisciplinary post-concussion syndrome care - how do you access it?** Murphy J (UK)

AMPHITHEATRE

**PLAYERS' PERSPECTIVE ON CHAMPIONS LEAGUE STUDIES**

- Chair:* Orhant E (FRA) - Sas K (BEL)  
 08:30 **The UEFA Elite Club injury study, a rich source of information. What have we learned?** Ekstrand J (SWE)  
 08:45 **Non-contact and gradual onset injuries in professional football** Hagglund M (SWE)  
 09:00 **What happened injury wise at UEFA Euro 2020** Walden M (SWE)  
 09:15 **Changing injury patterns in women's european professional football** Hallen A (SWE)  
 09:30 **Getting player & coaches to buy into the medical & performance process** McCall A (UK)  
 09:45 Discussion  
 10:00 Coffee Break

**KEY FACTORS TO SUCCESSFUL RETURN TO PLAY FOR KNEE INJURIES**

- Chair:* Marcacci M (ITA) - Margheritini F (ITA)  
 10:30 **What players want?** Knowles B (USA)  
 10:45 **Orthobiologics from players perspective: fact, fiction and fantasy** Mandelbaum B (USA)  
 11:00 **The secrets of patello femoral joint** Dejour D (FRA)  
 11:15 **Managing cartilage lesion and preventing early osteoarthritis** Kon E (ITA)  
 11:30 **Knee osteotomies in sports** Neyret P (FRA)  
 11:45 Discussion

**STATIC AND DYNAMIC STABILITY FOLLOWING LIGAMENT INJURIES**

- Chair:* Saris D (USA) - Zorzi C (ITA)  
 12:00 **The biomechanics of knee injuries** Della Villa F (ITA)  
 12:15 **ACL or ACL plus?** Zaffagnini S (ITA)  
 12:30 **Save the meniscus** Servien E (FRA)  
 12:45 **The first violinist: targeting the brain** Grooms D (USA)  
 13:00 **Never-ending study makes it better! Lab and clinical studies benefit patients** Williams A (UK)  
 13:15 Discussion  
 13:30 Lunch Break

**EVERYTHING YOU NEED TO KNOW TO MANAGE LOWER EXTREMITY TENDINOPATHY IN ELITE ATHLETES**

- Chair:* Ardern C (CAN) - Bahr R (NOR)  
 15:00 **Tendon mechanics - beyond force transmission** Seynnes O (NOR)  
 15:15 **When is even a tendon overloaded?** Coupe C (DEN)  
 15:30 **How tendon cells manage load: the mechanisms underpinning exercise therapy** Bayer M (DEN)  
 15:45 **Follow the money: who will benefit from injectables?** Tol H (NED)  
 16:00 **Managing the elite player with tendinopathy** Silvers H (USA)  
 16:15 Discussion  
 16:30 Break

**BEST CASE REPORT AWARD CEREMONY**

- Chair:* Brukner P (AUS), Delcogliano A (ITA), Konin J (USA), Hambly K (UK)  
 16:30 **Best Case Report 2019 Winner - Case Report** Taralov Z (BUL)

**PREVENTING AND MANAGING ACL RE-INJURY IN PROFESSIONAL FOOTBALL**

- Chair:* Rosa D (ITA) - Tsapralis K (ITA)  
 17:00 **The show must go on: reality of re-injury in elite sports** Webster K (AUS)  
 17:15 **ACL graft rupture, a disaster for the medical staff, a nightmare for the player** Sonnerly-Cottet B (FRA)  
 17:30 **ACL-graft choices in revision surgery** Denti M (ITA)  
 17:45 **Tackling professional sports with preventative biomechanics** Grassi A (ITA)  
 18:00 **From injury mechanism to neuromuscular training: tackling the pro** Danelon F (ITA)  
 18:15 **Anterior cruciate ligament injury: towards a gendered environmental approach** Bekker S (UK)  
 18:30 Discussion  
 18:45 End of the day

FORUM

**HIP AND GROIN**

- Chair:* Franklyn Miller A (IRL) - Sermer A (SUI)  
 08:30 **Labral tears and CAM morphology, which players can be managed conservatively?** Holmich P (DEN)  
 08:45 **FAI and player load** Crossley K (AUS)  
 09:00 **Hip and groin pathology in French football - learning from players** Sonnerly-Cottet B (FRA)  
 09:15 **Player specific rehabilitation from kicking injuries** Fevre D (UK)  
 09:30 **Neuromuscular player progression to return to play** Wilson A (UK)  
 09:45 Discussion  
 10:00 Coffee Break

*Open Debate* **THE RISING TIDE: WOMEN FOOTBALL**

- 10:30 - 11:15  
*Chair:* Ardern C (CAN) *Presenter:* Mahony K (AUS)  
*Debater:* Kotila K (DEN) *Debater:* Cowie C (UK) *Player:* Smith R (UK)

*Open Debate* **SHARED DECISION MAKING IN FOOTBALL MEDICINE**

- 11:15 - 12:00  
*Chair:* Geertsema L (QAT) *Presenter:* Geertsema C (QAT)  
*Debater:* Fulcher M (NZL) *Debater:* Batty P (UK) *Player:* Dodd M (AUS)

*Open Debate* **SPORTS REHAB: HOW TO ENGAGE AND INSPIRE THE PLAYER**

- 12:00 - 12:45  
*Chair:* Ahmed O (UK) *Presenter:* Gokeler A (GER)  
*Debater:* Reurink G (NED) *Debater:* Smith G (UK) *Player:* Keaney L (IRL)

*Open Debate* **SPORTS REHAB: WHEN THE PATIENT IS READY TO PLAY?**

- 12:45 - 13:30  
*Chair:* Snyder-Mackler L (USA) *Presenter:* Axe M (USA)  
*Debater:* Melegati G (ITA) *Debater:* Bruchard A (FRA) *Player:* Gambarini F (ITA)

13:30 Lunch Break

*Open Debate* **RETURN TO PLAY AFTER CARTILAGE INJURIES**

- 15:00 - 15:45  
*Chair:* Berruto M (ITA) *Presenter:* Erggelet C (SUI)  
*Debater:* Kon E (ITA) *Debater:* Papacostas E (QAT) *Player:* Nzuzi T (GER)

*Open Debate* **NEW FRONTIERS IN FOOTBALL ORTHOPAEDIC AND REGENERATIVE MEDICINE**

- 15:45 - 16:30  
*Chair:* Gobbi A (ITA) *Presenter:* Saris D (USA)  
*Debater:* de Girolamo L (ITA) *Debater:* Papacostas E (QAT) *Player:* Issott G (UK)

16:30 Break

*Open Debate* **RETURN TO PLAY AFTER MUSCLE INJURIES**

- 17:00 - 17:45  
*Chair:* Andersen TE (NOR) *Presenter:* Taberner M (UK)  
*Debater:* Eirale C (FRA) *Debater:* Saita Y (JAP) *Player:* Competitive Athlete

*Open Debate* **RETURN TO PLAY AFTER HIP AND GROIN INJURIES**

- 17:45 - 18:30  
*Chair:* Griffin D (UK) *Presenter:* Tamalet B (FRA)  
*Debater:* English B (UK) *Debater:* Moore J (UK) *Player:* Keaney L (IRL)

18:45 End of the day



**BELLECOUR 2**

**FREE ORAL PRESENTATIONS**

**CASE REPORTS**

- Chair:* Chomiak J (CZE) - Gastaldo M (ITA)
- 08:30 **Viscosupplementation for secondary knee osteoarthritis in an elite female soccer player** Tarantino D (ITA)
- 08:40 **Influence of CD34+ stem cells from peripheral blood on the course of the weightlifter sports career of Marcin Dolega's Krochmalski M (POL)**
- 08:50 **A sad but true story of an Anterior Cruciate Ligament reconstruction that failed several times**  
Pisano A (SUI)
- 09:00 **Neuromotor reprogramming treatment modality for ankle sprain: a case report** Dumain JF (FRA)
- 09:10 **Rehabilitation of medial gastrocnemius reinjury on an elite football player** Cunha P (POR)
- 09:20 **Tibialis posterior tendon rupture after stroke in an elite football player** Duarte C (POR)
- 09:30 **Complete distal rupture of rectus femoris in an elite football player: non-operative treatment**  
Fernandes A (POR)
- 09:40 **Medial malleolar stress fracture in a footballer: A Case Report** Ali N (UK)
- 09:50 Discussion

**PREVENTION**

- Chair:* Ardevol Cuesta J (ESP) - Zago M (ITA)
- 10:30 **Association between physical fitness and injury risk in children's football** Leppänen M (FIN)
- 10:38 **Risk factors for groin injury in professional men's football: does asymmetry matter?** Vigneswaran A (UK)
- 10:46 **Influence of relative age effect on injuries in youth elite soccer players** Gaspar M (FRA)
- 10:54 **The preventive effect of targeted adductor training on groin pain in football players** Smakal J (GER)
- 11:02 **Developments in injury prevention methodology research - missing data in training load**  
Bache-Mathiesen LK (NOR)
- 11:10 **Do football players adhere to evidence-based hamstring injury prevention? And why (not)?**  
van der Horst N (NED)
- 11:18 **Obstacles and opportunities for injury prevention in professional football: exploring the implementation reality** Tabben M (QAT)
- 11:26 **Implementation strategies and compliance to the fifa 11+ comprehensive warm up injury prevention programme in football teams: a scoping review** Bakare U (NGA)
- 11:34 **Injury prevention strategies: football coaches as actors?** Delvaux F (BEL)
- 11:42 Discussion

**BELLECOUR 1**

**FREE ORAL PRESENTATIONS**

**NEUROMUSCULAR TRAINING**

- Chair:* Arundale A (AUT) - Buckthorpe M (UK)
- 12:00 **Hamstrings: Influence of muscle composition on the decrease of maximal force** Pingon M (FRA)
- 12:10 **Early open kinetic chain improves return to running after Anterior Cruciate Ligament surgery**  
Forelli F (FRA)
- 12:20 **Vertical jump symmetry 7 months after ACLr: a large cohorte study** Pairot de Fontenay B (FRA)
- 12:30 **Do rehabilitation exercises adress ankle sprain mechanisms and impairments?** Wagemans J (BEL)
- 12:40 **Does neuromotor training accelerates soccer-specific decision making outcomes in professional football players over 2 seasons?** Kakavas G (GRE)
- 12:50 **Groin injuries in elite youth soccer players - perception or objective measurements?** Svantner R (SVK)
- 13:00 **Shoulder isokinetic profile in professional rugby players does not vary with their position** Walch A (FRA)
- 13:10 **Functional soccer specific training on unstable ground does it improve soccer drill's precision?**  
Mrozińska N (POL)
- 13:20 Discussion

**BELLECOUR 1**

**FREE ORAL PRESENTATIONS**

**ORTHOPAEDICS**

- Chair:* Axe M (USA) - Ardevol J (ESP)
- 17:00 **Hip arthroscopy for femoroacetabular impingement - secondary symptoms resolution** Filan D (IRL)
- 17:10 **Mechanical stimulation of ligament engineered scaffold** Choreño Machain T (UK)
- 17:20 **Results of talar osteochondral lesions treated by autologous matrix induced chondrogenesis**  
Ayyaswamy B (UK)
- 17:30 **Results of modified brostrom gould repair and internal brace for lateral ankle instability** Limaye R (UK)
- 17:40 **Efficacy of a single hyaluronic acid injection for noninsertional Achilles tendinopathy** Vaghela M (UK)
- 17:50 **Ankle osteochondral lesion treated by platelet rich plasma, hyaluronic acid and shockwaves**  
Goh P (SING)
- 18:00 **Osteoarthritic changes in the knees of recently retired male professional footballers: a pilot study**  
Carmody S (NED)
- 18:10 Discussion

**BELLECOUR 2**

**FREE ORAL PRESENTATIONS**

**BIOMECHANICS**

- Chair:* Boldrini L (ITA) - Verhagen E (NED)
- 17:00 **Prospective 2d and 3d biomechanics of 90° change of direction in acl-injured female footballers**  
Di Paolo S (ITA)
- 17:10 **Differences in situational patterns of over 90° change of directions in youth soccer players**  
Alanen A (CAN)
- 17:20 **Anterior Cruciate Ligament reconstruction: evaluation through gait analysys** Meloni F (ITA)
- 17:30 **Lower limb joint contribution during running after acl reconstruction** Pairot de Fontenay B (CAN)
- 17:40 **Isokinetic assessment of the fatigued knee after Anterior Cruciate Ligament reconstruction**  
Stefas E (GRE)
- 17:50 **Lower back pain diagnostics using biomechanical movement analysis** Wojanowski B (GER)
- 18:00 **Knee joint instability -use of functional tests in the diagnosis of joint instability** Nuñez Villar J (ESP)
- 18:10 **The association between hop and various performance tests for lower limbs** Ghulam H (KSA)
- 18:20 Discussion



POSTER AREA

FREE POSTER PRESENTATIONS

13.30 - 15.00

PREVENTION - PG

Chair: Brotto E (ITA) - Terrados N (ESP)

- PG01 **The FIFA injury prevention programs reduce the incidence of groin injury: a meta-analysis** Al Attar (KSA)
- PG02 **Early signs of altered calf function before a complete Achilles tendon rupture** Bonacci C (ITA)
- PG03 **Tensiomyography method as a tool to predict muscle injuries on professional soccer players: a pilot study** Papaioannou ID (GRE)
- PG04 **The impact of Omega-3 fatty acid** Asante D (UK)
- PG05 **Groin and hip complexities - is prevention viable** Millson H (UK)
- PG06 **The Egyptian professional and semiprofessional footballers need** Dorgham H (EGY)

REHABILITATION - PH

Chair: Frizziero A (ITA) - Respizzi S (ITA)

- PH01 **Relationship between muscle strength and quality of lower limb motor patterns in a group of professional soccer players** Baroli M (ITA)
- PH02 **Performance markers to establish the effectiveness of cwi for recovery in elite football** Rhodes D (UK)
- PH03 **Functional test battery to measure performance in a group of recreational adult footballers: results and player's voices** Bedogni S (ITA)
- PH04 **On-field rehabilitation experience feedback in patients from different sports level** Lucenteforte G (ITA)
- PH05 **Effects of short foot exercise after modified broström operation on intrinsic foot muscle cross sectional area and balance ability** Park J (KOR)
- PH06 **Arthrogenic muscle inhibition: a novel approach in joint rehabilitation** Ladoucette S (FRA)
- PH07 **Complete strength recovery in type 4 hamstring injury conservatively treated: a case study** Lucenteforte G (ITA)
- PH08 **Patello-femoral pain syndrome: the perception of pain in amateur athletes during running activity** Balocco L (ITA)

YOUNG ATHLETES - PL

Chair: Tomaello L (ITA) - Gamberini J (ITA)

- PL01 **Eating habits and sports nutrition knowledge in young elite football players** Manthou E (GRE)
- PL02 **Energy intake in young elite football players** Manthou E (GRE)
- PL03 **The impact of Covid-19-induced physical inactivity on functional capacity in young athletes** Vecchiato M (ITA)
- PL04 **How displaced is too displaced? An avulsion fracture in an adolescent footballer** Pasculli R (USA)
- PL05 **Contemporary cryo-compression for post-training recovery in elite academy footballers** Alexander J (UK)

POSTER AREA

FREE POSTER PRESENTATIONS

13.30 - 15.00

CASE REPORTS - PM

Chair: Praticò S (ITA) - Diquigiovanni A (ITA)

- PM01 **Live hamstring muscle injury during curve sprinting: a case report** Ferré A (BEL)
- PM02 **The asymmetric training load in tennis can trigger impairment adaptation models of bilateral impingement syndrome. A case study rehabilitation approach.** Stergiou M (GRE)
- PM03 **Coaching model: a case report on physical effects after psychological trauma** Covelli E (ITA)
- PM04 **Return to play after a lateral ligament ankle sprain in a soccer player** Stillo G (ITA)
- PM05 **Structural Inequity and Determinants of Injury Anxiety: Yenicami Ağdelen S.K as a Case Study** Kanan OS (CYP)

OTHER TOPICS - PN

Chair: Til L (ESP) - Jones C (UK)

- PN01 **The use of WhatsApp for medical communication in elite men football: a focus group study** Ahmed O (UK)
- PN02 **Global navigation satellite system and inertial measurement unit integration in sport science: the REMOT project** Formichella G (ITA)
- PN03 **Challenges and routine of a top African soccer club during Covid-19 pandemic** Enaba IA (EGY)
- PN04 **Perspectives on protein supplementation from female and male rugby players** Donnelly L (UK)
- PN05 **Sudden cardiac death while playing football can it be foreseen** Pavlov V (RUS)
- PN06 **Cardiac arrhythmia after sars cov-2 virus infection in a high-performance professional soccer player** Romero C (ECU)
- PN07 **Assertiveness of the salus futsal report, by position on the court, in Brazilian National League** Nodari Júnior RJ (BRA)
- PN08 **Teaching football medicine in Tunisia, a new challenge** Ouanes W (TUN)
- PN09 **Sport participation: benefits after FIFA WorldCup 2018 in Russia** Badtieva VA (RUS)

**SESSION 1 - BEST CASE REPORT AWARD CONTEST**

*Chair:* Brukner P (AUS) - Delcogliano A (ITA) - Konin J (USA) - Hambly K (UK)

- 08:30 **Return to sport in two different stories: protagonists' voice**  
Azzini M (ITA)
- 08:42 **Will I play again in a professional football league?**  
Busà MF (ITA)
- 08:54 **Lutzes and lachmans: non-operative care of an anterior cruciate ligament tear in an ice skater**  
Dix C (USA)
- 09:06 **Conservative treatment of a rectus femoris muscle origin injury with dehiscence**  
Fröhlich S (SUI)
- 09:18 **The voice of the bullet: a case report about return to sport in motocross**  
Gilsing AH (NED)
- 09:30 **The 4 key factors to be considered following successful completion of non-surgical ACL rehabilitation in professional footballers** Kerem I (UK)
- 09:42 **The quality of 24-hour regeneration cycle is more important than training**  
Mali A (SLO)
- 10:00 Coffee Break

**SESSION 2 - BEST CASE REPORT AWARD CONTEST**

*Chair:* Brukner P (AUS) - Delcogliano A (ITA) - Konin J (USA) - Hambly K (UK)

- 10:30 **The complexity of a proximal hamstrings avulsion injury: a case study**  
Marin V (UK)
- 10:42 **Down and blue to red, white and blue: hamstring strain rehabilitation for club and country**  
Messer M (USA)
- 10:54 **The “challenging management” of a complex multi-ligament knee injury in an elite female fencer**  
Orlando A (ITA)
- 11:06 **666 days later: the story of a return to elite alpine skiing after bilateral knee dislocations**  
Ouanezar H (UAE)
- 11:18 **Latissimus dorsi & teres major avulsions: first case of “brother muscles” in olympic judoka**  
Ramuglia G (ITA)
- 11:30 **Being an ally after anterior cruciate ligament reconstruction**  
Surdyka N (USA)
- 11:42 **Cutting off the cascade effect of a bilateral knee injury in a young athlete**  
Metsavaht L (BRA)





## AMPHITHEATRE

## PLANNING THE PRE-SEASON

*Chair:* Krutsch W (GER) - Verhagen E (NED)

- 08:30 **Significance of the pre-season for injury prevention: UEFA Champions League experience**  
Bengtsson H (SWE)
- 08:45 **The president's point of view to prevent injury risks** Varandas F (POR)
- 09:00 **Preparing the team to play across multiple climatic zones** Massey A (SUI)
- 09:15 **RedBull experience across different countries** Stoggl T (AUT)
- 09:30 **How to take care of our players in the current football landscape** Verhagen E (NED)
- 09:45 Discussion
- 10:00 Coffee Break

INJURY RECOVERY AND PERFORMANCE ENHANCEMENT IN FOOTBALL:  
THE MEDICAL TEAM'S BOX OF MAGIC TRICKS - SCIENCE OR FICTION

*Chair:* Geertsema C (QAT) - Geertsema L (QAT)

- 10:30 **PRP and stem cells: science or magic?** Laver L (UK)
- 10:45 **Nutrition for footballers: what are the secret ingredients?** Kings D (QAT)
- 11:00 **Performance Coaching - is it all in the head?** Littlewood M (UK)
- 11:15 **Football Boots: innovation and research in female design** Youngson L (NED)
- 11:30 **The future of Sports Medicine: harmonising humans and data** Eliakim E (ISR)
- 11:45 Discussion

## LATE STAGE REHABILITATION: THE DARK SIDE OF THE RECOVERY

*Chair:* Chalabi H (QAT) - Knowles B (USA)

- 12:00 **Late stage rehabilitation in sports: definition** Bizzini M (SUI)
- 12:15 **The importance of on field rehabilitation: a physio perspective for patients** De Sario G (ITA)
- 12:30 **Technical and tactical reconditioning methodology for football injuries** Requena B (ESP)
- 12:45 **Late stage rehabilitation for ACL injuries** Buckthorpe M (UK)
- 13:00 **The neurocognitive aspects of OFR: what is it, why and how to use it** Gokeler A (GER)
- 13:15 Discussion
- 13:30 Lunch Break

Open Debate POTENTIAL DANGER IN FOOTBALL: LONG TERM CONSEQUENCES  
OF INJURIES

14:30 - 15:15

*Chair:* Kerkhoffs G (NED)      *Presenter:* Gouttebarga V (NED)      *Player:* Geremi N (CMR)

## Open Debate MONITORING THE LOAD

15:15 - 16:00

*Chair:* Gregson W (QAT)      *Presenter:* Coutts A (AUS)

*Debater:* Bowen L (UK)      *Debater:* Bosch T (USA)      *Player:* Vuko M (CRO)

16:00 End of the Conference

## BELLECOUR 2

## FREE ORAL PRESENTATIONS

## MEDICAL ISSUES

*Chair:* Susta D (ITA) - Tsapralis K (ITA)

- 08:30 **COVID-19 sequelae: Dyspnea at maximal exertion in College Cross-country athlete**  
Moustafa HY (USA)
- 08:40 **Health conditions amongst retired professional footballers: a scoping review** Carmody S (NED)
- 08:50 **Foot strike hemolysis anemia in a professional, elite soccer player** Androulakis N (GRE)
- 09:00 **Low-intensity blood flow restriction training effect on performance of professional ballet dancers**  
Kalaycioglu T (TUR)
- 09:10 **The effects of exercise with blood flow restriction in the post surgery rehabilitation of Anterior  
Cruciate Ligament reconstruction patients** Karampampa C (GRE)
- 09:20 **Blood flow restriction training after anterior cruciate ligament reconstruction** Koc BB (NED)
- 09:30 **Over-the-counter-medication use and anti-doping knowledge: the footballers voice**  
Villalobos-Otayza A (UK)
- 09:40 Discussion
- 10:00 Coffee Break

## BRAIN AND CENTRAL NERVOUS SYSTEM

*Chair:* Danelon F (ITA) - Susta D (ITA)

- 10:00 **Cognitive function in soccer athletes determined by circadian rhythm disruption** Pourhassan J (UK)
- 10:10 **A new standardized clinical tool for post-concussion symptoms management** Tinjust D (UAE)
- 10:20 **Motor imagery for neuromuscular deficits after ACL injury: a review** Dos Anjos T (FRA)
- 10:30 **Neuromotor treatment of arthrogenic muscle inhibition following knee injury or surgery**  
Gabriel F (FRA)
- 10:40 **Acute effect of gastrocnemius kinesiology taping on performance in child football players**  
Arslan M (TUR)
- 10:50 Discussion





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## THE CONFERENCE VOYAGE

Beside the Isokinetic Point, we have an area dedicated to the 4 VIRTUAL SUMMITS that the Isokinetic Conference held from November 2021 to March 2022 while waiting for the in-person Conference in Lyon.

The Summits are currently available on-demand on the GoToWebinar platform and are free to all Conference participants.

If you haven't seen them yet, you can go to the dedicated area and download the links and then watch them at your leisure when you have time.

### Saturday 4<sup>th</sup>

1<sup>st</sup> Virtual Summit  
2<sup>nd</sup> Virtual Summit  
3<sup>rd</sup> Virtual Summit

### Sunday 5<sup>th</sup>

4<sup>th</sup> Virtual Summit  
1<sup>st</sup> Virtual Summit  
2<sup>nd</sup> Virtual Summit

### Monday 6<sup>th</sup>

3<sup>rd</sup> Virtual Summit  
4<sup>th</sup> Virtual Summit

### 1<sup>st</sup> Virtual Summit

#### THE ONGOING ACL DILEMMAS

##### WELCOME

*Arundale A (AUT), Della Villa F (ITA)*

- Big decision? The role of graft selection in ACL surgery *Musahl V (USA)*
- Brain power for the ACL patient *Grooms D (USA)*
- More risk, more reward for female athletes after ACL injury? *Surdyka N (USA)*
- Not again! Strategies to reduce the 2<sup>nd</sup> ACL injury *Della Villa F (ITA)*

##### PLAYERS' VOICES:

*Zlatan Ibrahimovic (SWE)  
Hector Bellerin (ESP)  
Rebecca Smith (UK)  
Lucia De Vito (ITA)*

### 3<sup>rd</sup> Virtual Summit

#### ACHILLES TENDON RUPTURES: FROM INJURY TO RETURN TO PLAY

##### WELCOME

*Bahr R (NOR), Della Villa F (ITA)*

- Do tendons regenerate? Training, overload, inactivity and aging? *Kjaer M (DEN)*
- Understanding the leading mechanism of Achilles tendon rupture in elite football *Della Villa F (ITA)*
- Recent advances in Achilles tendon repair to maximize functional outcomes *Karlsson J (SWE)*
- Optimal strategy to RTP after Achilles tendon rupture in competitive athletes *Silbernagel K (USA)*
- A tale of two Achilles in Elite football *Fearn J (UK)*

##### PLAYERS' VOICES:

*Cristiano Bonacci (ITA)  
Ruben Loftus-Cheek (UK)  
Hektor Budlla (ALB)  
Callum Hudson-Odoi (UK)  
Sanchez Ming (UK)*

### 2<sup>nd</sup> Virtual Summit

#### UPDATES FROM UEFA CHAMPIONS LEAGUE STUDIES

##### WELCOME

*Davison M (UK), Della Villa F (ITA)*

- Changing times in Football Medicine *Ekstrand J (SWE)*
- Women are more than equal: first insights from women's Elite Club Injury Studies *Hallén A (SWE)*
- Muscle Injuries: the lore of Football Medicine *Hägglund M (SWE)*
- High rate of 2<sup>nd</sup> ACL injury in professional football players *Waldén M (SWE)*

##### PLAYERS' VOICES:

*Gianfranco Zola (ITA)  
Julia Simic (GER)  
Simone Verdi (ITA)  
Ilkay Gündoğan (GER)*

### 4<sup>th</sup> Virtual Summit

#### FIFA MEDICAL: PREPARING FOR WORLD CUP 2022

##### WELCOME

*Davison M (UK), Della Villa F (ITA)*

- Being ready to face a medical emergency on the pitch *Gordon J (UK)*
- Acute concussion management and treatment: getting it right first time! *Massey A (SUI)*
- Advancing Football Medicine: real time injury management through video-analysis *Serner A (SUI)*
- Perspectives for the local medical host country *Geertsema L (QAT)*
- The challenges in preparing a winning team for the World Cup *Sas K (BEL)*

##### PLAYERS' VOICES:

*Phil Neville (USA)  
Gianluca Pagliuca (ITA)  
Ben Davies (UK)  
Kailen Sheridan (USA)  
Giuseppe Signori (ITA)*

# WORKSHOPS

Saturday 4<sup>th</sup> June 2022

## FIDIA

BELLECCOUR 1 - 11:30 - 13:00

FIDIA PATIENT CENTRIC APPROACH: HYALURONIC ACID AND REGENERATIVE MEDICINE TREATMENT IN OSTEOARTHRITIS AND TENDINOPATHY MANAGEMENT



## VALD

BELLECCOUR 3 - 11:30 - 13:00

NOT ALL FORCES ARE CREATED EQUAL. WHAT FORCES SHOULD BE GUIDING OUR DECISIONS?



## GLOBUS

BELLECCOUR 1 - 13:00 - 14:30

ACL AND MUSCLE INJURY: A NEW PREVENTION AND REHABILITATION METHOD



## INDUSTRY SPONSORED SYMPOSIUM

BELLECCOUR 3 - 13:00 - 14:30

INVOLVING ATHLETES IN RESEARCH- WHY TO DO IT AND HOW TO DO IT!

## TECHNOGYM

BELLECCOUR 1 - 14:30 - 16:00

NEW TECHNOLOGIES IN STRENGTH TRAINING



## ECOSEP

BELLECCOUR 3 - 14:30 - 16:00

LIFE AFTER SPORT



## TRB CHEMEDICA

BELLECCOUR 3 - 16:30 - 18:00

THE BENEFITS OF INJECTABLE HYALURONIC ACID IN HIGH IMPACT SPORTS



Sunday 5<sup>th</sup> June 2022

## IFSPT & SPORTFISIO

BELLECCOUR 3 - 08:30 - 10:00

THE SPORTS PHYSIOTHERAPY VOICES



## 1080 MOTION

BELLECCOUR 3 - 10:30 - 12:00

CHANGE OF DIRECTION AT THE NORWEGIAN SPORT SCIENCE SCHOOL GOING ON



## IBSA

BELLECCOUR 2 - 12:00 - 13:30

SPORT, SCIENCE AND HEALTH: A SYNERGY THAT IMPROVES PERFORMANCE AND QUALITY OF LIFE



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## DELFI MEDICAL AND ORS

BELLECCOUR 3 - 13:30 - 15:00

PERSONALIZED BFR - STATE OF THE SCIENCE 2022, ADVANCING RETURN TO PLAY AND PERFORMANCE



## MEDHECA

BELLECCOUR 3 - 12:00 - 13:30

TREATMENT ASPECTS AND GUIDELINES ON THE TREATMENT OF MUSCULO-TENDINOUS-LIGAMENOUS PATHOLOGY IN ATHLETES WITH DEDICATED AND SPECIFIC HA



## MDT

BELLECCOUR 3 - 15:00 - 16:30

FUNCTIONAL AND RADIOLOGICAL EFFECTS OF STABHA (SOFT TISSUE ADAPTED BIOCOMPATIBLE HYALURONIC ACID) IN THE MANAGEMENT OF TENDON & LIGAMENT INJURIES.



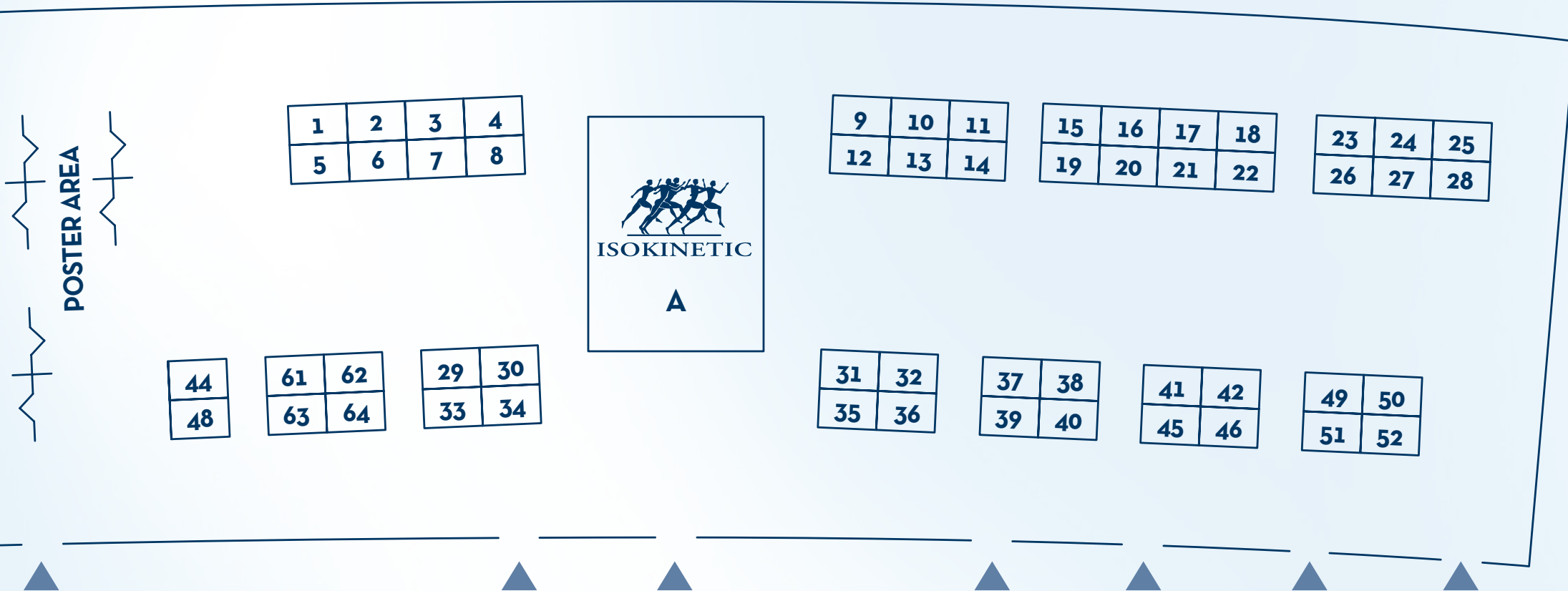
## EME

BELLECCOUR 1 - 15:00 - 16:30

NEW TRENDS IN THE REHABILITATION SECTOR: ROBOTIC SOLUTIONS AND PORTABLE DEVICES



# EXHIBIT AREA



## A ISOKINETIC POINT

- 1 ACSEP - WHITE LEAF
- 2 ICRS
- 3+4 GLOBUS
- 5 UTC
- 6+7 BIOVENTUS
- 8 MEDHECATRADE
- 9 MX3

- 10 IGEA
- 11+14 ARTHREX
- 12 WEYERGANs
- 13 EME
- 15+19 MDT
- 16 GRIFFIN
- 17 DELFI MEDICAL
- 18 REABILITA
- 20 GAME READY

- 21 KINESPORT
- 22 KANGA TECH
- 23+26 ASPEN MEDICAL
- 24 TMG
- 25 NESA WORLD
- 27+28 SOCCER SYSTEM PRO
- 29+30 TRB CHEMEDICA
- 33 MED<sub>2</sub>ME
- 34 STORZ MEDICAL

- 31+32+35+36 FIDIA
- 37+38+39+40 TECHNOGYM
- 41+42 VALD
- 44+48 ALTER G
- 45+46 APTISSEN
- 49+50+51+52 IBSA
- 61 MH EDUCATIONS
- 62 FUJIFILM
- 63 BTL
- 64 MEDISPORT



# EXHIBITORS

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