



**ISOKINETIC
MEDICAL GROUP**

FIFA | MEDICAL CENTRE
OF EXCELLENCE



Hosted by

ATLÉTICO DE MADRID

XXXII ISOKINETIC CONFERENCE

FOOTBALL MEDICINE

NEW FRONTIERS

RIYADH AIR METROPOLITANO

3rd, 4th & 5th May 2025 - MADRID, Spain

FINAL PROGRAMME



Local supporter



**Clínica
CEMTRO**



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

Complimentary refreshment will be served during coffee and lunch breaks in the Exhibit Areas.

ISOKINETIC POINT

Isokinetic Medical Group staff is available at 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: 21 Credits.

If you are a Specialised Doctor you can go to the Registration Area anytime during the Conference.



CONTACT US

You can always contact us at conference@isokinetic.com

PATRONAGE

We are proud to announce that both ESSKA and ISAKOS have provided their patronage to the Isokinetic Conference.



GETTING TO AND FROM THE STADIUM

- **By car:** onsite there is a huge free parking all around the Stadium
- **By metro:** the closest Metro stop is the "Estadio Metropolitano", corresponding to Line 7 (orange)
- **By bus:** five lines connect the metropolitan area of Madrid with the Stadium: 28, 38, 48, 140, E2
- **By UBER:** in Spain the Uber APP is used frequently, so feel free to use it to get a car
- **By taxi:** outside the stadium there's a taxi point where you should find taxis at the end of the Conference days. If you don't find any taxi available, you can contact one of the following numbers (+34 for Spain): 913712131, 914051213, 915478200.

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 Isokinetic Conference

www.isokineticconference.com

VENUE PLAN

TRIBUNA

GROUND FLOOR
 Official Welcome
 Traditional Sessions
 Conference Awards Ceremony

AUDITORIO

-1 FLOOR
 Traditional Sessions
 Open Debates
 Next Generation Leaders
 Latin Football

SUROESTE

GROUND FLOOR
 Traditional Sessions
 Next Generation Leaders

CLUB NORTE

+1 FLOOR
 Oral Communications
 Workshops

NOROESTE -1

-1 FLOOR
 Oral Communications
 Contest

FLEXIBOX 1

+1 FLOOR
 Oral Communications
 Workshops

FLEXIBOX 2

+1 FLOOR
 Oral Communications
 Workshops

POSTER AREA

GROUND FLOOR
 Posters



SCHEDULE SUMMARY

SATURDAY 3rd MAY



TRIBUNA	AUDITORIO	SUROESTE	CLUB NORTE	NOROESTE -1	FLEXIBOX 1	FLEXIBOX 2	POSTER AREA
GROUND FLOOR	-1 FLOOR	GROUND FLOOR	+1 FLOOR	-1 FLOOR	+1 FLOOR	+1 FLOOR	GROUND FLOOR

9:00 9:30	OFFICIAL WELCOME							9:00 9:30
9:30 10:15	NEW FRONTIERS IN FOOTBALL MEDICINE							10:15 11:00
10:15 11:00								10:15 11:00
11:00 11:30	<i>coffee break</i>			<i>coffee break</i>				11:00 11:30
11:30 12:15	ON THE EDGE WITH HAMSTRINGS	UEFA CHAMPIONS LEAGUES STUDIES: PRESENT & FUTURE	FIFA MEDICAL SYMPOSIUM: CONCUSSION IN FOOTBALL	REGENERATIVE MEDICINE AND ORTHOBIOLOGICS	CASE REPORTS CONCUSSION & SPINE	CASE REPORTS FOOT & ANKLE	CASE REPORTS QUADRICEPS FEMORIS	11:30 12:15
12:15 13:00								12:15 13:00
13:00 13:30	<i>lunch break</i>			<i>lunch break</i>				13:00 13:30
13:30 14:30	<i>lunch break</i>	ESSKA SESSION	FIFA SESSION	<i>lunch break</i>	<i>Starting at 14:00</i>	<i>Starting at 14:00</i>	LIFE UNIVERSITY Workshop	<i>Posters PA - PB - PC - PD - PE - PF - PG</i> 13:30 14:30
14:30 15:15	BEST SOLUTIONS FOR COMPLEX KNEE INJURIES	MUSCLE INJURIES: BIOLOGY VS FUNCTION	WHAT'S NEW IN FOOT & ANKLE INJURIES	CHALLENGES IN WOMEN FOOTBALL	CONTEST FINALS SESSION 1	INVESTING IN YOUTH FOOTBALL		14:30 15:15
15:15 16:00		HAMSTRING INJURIES: SURGERY VS NON SURGERY					<i>Starting at 15:00</i>	SPORTS DENTISTRY Workshop
16:00 16:30	<i>coffee break</i>			<i>coffee break</i>				16:00 16:30
16:30 17:15	THE NEW FRONTIERS OF ANKLE INJURIES IN FOOTBALL	SPINE INJURIES OF THE YOUNG FOOTBALL PLAYER	ACL: FROM INJURY TO RETURN TO PLAY	HAMSTRING INJURIES	CONTEST FINALS SESSION 2	EPIDEMIOLOGY	MASTELLI Workshop	16:30 17:15
17:15 18:00		LOW BACK PROBLEMS IN THE ADULT FOOTBALL PLAYER						<i>Ending at 18:15</i>

SCHEDULE SUMMARY

SUNDAY 4th MAY



	TRIBUNA	AUDITORIO	SUROESTE	CLUB NORTE	NOROESTE -1	FLEXIBOX 1	FLEXIBOX 2	POSTER AREA		
	GROUND FLOOR	-1 FLOOR	GROUND FLOOR	+1 FLOOR	-1 FLOOR	+1 FLOOR	+1 FLOOR	GROUND FLOOR		
8:30 9:15	EXPLORING THE BORDERS OF HIP & GROIN PAIN	MODERN APPROACH TO EARLY STAGES AFTER KNEE SURGERY		ACL - SURGERY	CASE REPORTS HAMSTRINGS	TENDON & MUSCLE INJURIES	Starting at 9:00		8:30 9:15	
9:15 10:00		SECOND ACL PREVENTION: CRITERIA VS TIME					MEDETECH Workshop	9:15 10:00		
10:00 10:30	coffee break				coffee break				10:00 10:30	
10:30 11:15	TOUCHING THE GROUND IN 2025: ACHILLES & CALF	ANY NEWS IN ACL INJURY MANAGEMENT?	THE FUTURE OF FOOTBALL REHABILITATION	BIOMECHANICS & VIDEO ANALYSIS	CASE REPORTS ACL - INJURIES	WOMEN FOOTBALL INJURIES	OLYMPIA - QUIRONALUD Workshop		10:30 11:15	
11:15 12:00		PATELLAR DISLOCATION: SURGERY VS NON SURGERY						Ending at 11:30	11:15 12:00	
12:00 12:45	PRESENT & FUTURE OF ACL INJURIES MANAGEMENT	MENISCUS REPAIR IN HIGH-LEVEL FOOTBALL PLAYERS	HAMSTRINGS: CUTTING THE RISK AND IMPROVING RETURN TO PLAY	ACL - FUNCTIONAL OUTCOMES	CONCUSSION & HEADING	HIP & SHOULDER INJURIES			12:00 12:45	
12:45 13:30		NEW FRONTIERS IN JOINT PAIN CONTROL							12:45 13:30	
13:30 14:00	lunch break					ECOSEP Workshop			13:30 14:00	
14:00 15:00		ICRS SESSION	ISAKOS SESSION	SETRADE Workshop	Starting at 14:30	Starting at 14:30	APTISSEN Workshop	Posters PH - PL - PM - PN - PP - PQ	14:00 15:00	
15:00 15:45	NEUROCOGNITIVE ASPECTS OF FOOTBALL INJURIES	WHAT'S NEW IN FOOTBALL ORTHOBIOLOGICS	INNOVATION IN FOOTBALL INJURY PREVENTION & BIOMECHANICS	ACL - REHABILITATION	PREVENTION & RECONDITIONING	NEWS IN FOOTBALL SURGERY			15:00 15:45	
15:45 16:30									Starting at 15:30	SPORTS DENTISTRY Workshop
16:30 17:00	CONFERENCE AWARDS CEREMONY	coffee break				coffee break				16:30 17:00
17:00 17:45	PUSHING THE LIMITS FOR PATELLAR TENDON IN FOOTBALL	SHOULDER INSTABILITY IN FOOTBALLERS: A RISING ISSUE?	CURRENT TRENDS IN HIP & GROIN PAIN	ACL - STRENGTH & POWER	PLAYER'S PERSPECTIVE & MEDICAL ISSUES	AI, VIRTUAL REALITY & BEYOND	SIMI Workshop		17:00 17:45	
17:45 18:30									Ending at 18:00	
					Ending at 18:45					

MONDAY 5th MAY

Traditional Sessions
 Next Generation Leaders
 Latin Football

TRIBUNA

AUDITORIO

GROUND FLOOR

-1 FLOOR

8:30 10:00	MUSCLE INJURIES: HOW TO TACKLE THE BIG FOUR	FOOTBALL RECONDITIONING	8:30 10:00
10:00 10:30	<i>coffee break</i>		10:00 10:30
10:30 12:00	THE FUTURE OF ACL INJURY PREVENTION	PLANNING THE SEASON: FROM SCREENING TO MATCH SCHEDULE	10:30 12:00
12:00 13:30	CHASING RETURN TO PERFORMANCE AFTER INJURY:WHAT'S NEW?	TOP CLUBS' BEST STRATEGIES TO RETURN TO PLAY	12:00 13:30
13:30 13:45	<i>lunch break</i>		13:30 13:45
13:45 14:30	<i>lunch break</i>	CONMEBOL SESSION FOOTBALL IN SOUTH AMERICA	13:45 14:30
14:30 16:00	CURRENT TRENDS IN RTP TESTING: BIOMECHANICS AND BEYOND	<i>Ending at 14:45</i> <i>Starting at 14:45</i> MONITORING THE RECOVERY & MAXIMISING PERFORMANCE	14:30 16:00

TRIBUNA

Traditional Sessions

GROUND FLOOR

Official Welcome

09:00 Della Villa F (ITA) - Massey A (SUI)

New Frontiers in Football Medicine

Chairs Della Villa S (ITA), Massey A (SUI)

09:30 **The New Frontiers of Football Medicine: what to expect from the future** Walden M (SWE)

09:45 **Neuroscience application in Football injuries: the next frontier?** Grooms D (USA)

10:00 **Integrating genomics and epigenomics in modern Football Medicine** Rodas G (ESP)

10:15 **Present and future goals of women Football Medicine** Putukian M (USA)

10:30 **The future of regenerative medicine for Football players** Saris D (USA)

10:45 *Discussion*

11:00 *Coffee Break*

On the edge with hamstrings

Chairs Bolling C (NED), Tencone F (ITA)

11:30 **Living on the edge of hamstring injury prevention** Van Dyk N (IRL)

11:45 **From anatomy to function: the new era of monitoring the recovery** Pedret C (ESP)

12:00 **The hamstring needs for speed: how to assess kinetics and kinematics** Mendiguchia J (ESP)

12:15 **Are there any specificities for hamstring injuries in women football?** Tomas R (POR)

12:30 **A biomechanical approach for a safe return to play** Olmo J (UK)

12:45 *Discussion*

13:00 *Lunch Break*

Best solutions for complex knee injuries

Chairs Gobbi A (ITA), Snyder-Mackler L (USA)

14:30 **New frontiers to measure knee instability** Espregueira-Mendes J (POR)

14:45 **The future of football surgery: artificial intelligence, mixed reality and arthroscopy** Sonnery-Cottet B (FRA)

15:00 **Innovative solutions for cartilage repair in the football player** Kon E (ITA)

15:15 **Exploring the future of ACL surgery for top football players** Getgood A (QAT)

15:30 **Complex multiligament injuries made easy** Chahla J (USA)

15:45 *Discussion*

16:00 *Coffee Break*

The new frontiers of ankle injuries in Football

Chairs Gouttebarga V (NED), Vannini F (ITA)

16:30 **The ankle sprain and the domino effect: a new anatomical theory** Dalmau-Pastor M (ESP)

16:45 **News in deltoid ligaments injuries in football players** d'Hooghe P (QAT)

17:00 **Integrating biomechanics in return to play** Griffin C (IRL)

17:15 **Getting back to performance after ankle injuries** d'Orsi G (ITA)

17:30 **The future of ankle sprain prevention and care: AI & beyond** Verhagen E (NED)

17:45 *Discussion*

18:00 *End of the day*

AUDITORIO

Traditional Sessions / Open Debates

-1 FLOOR

UEFA Champions Leagues studies: present & future

Chairs Van den Steen E (BEL), Walden M (SWE)

11:30 **The new frontier of communication to reduce injury risk: a universal football language** Ekstrand J (SWE)11:45 **Key injury parameters that impact team success in elite football** Hagglund M (SWE)12:00 **Differences in injury patterns and characteristics between genders: a rethink of preventive strategies in women's elite football?** Hallen A (SWE)12:15 **Decoding football medicine strategy and structure in European club football** Davison M (UK)12:30 **The UEFA Injury Study - present and future** Okholm Kryger K (UK)12:45 *Discussion*13:00 *Lunch Break*

ESSKA SESSION - ACL prevention, surgery and rehabilitation: all just pieces of the puzzle

Chairs Patt T (NED), Prill R (GER)

13:30 **The how and what of ACL injury prevention: update from US sports** Janosky J (USA)13:42 **Football related ACL surgery to maximize outcomes** Cavaignac E (FRA)13:54 **Ideal functional recovery path following ACL injury for football players** Compagnin A (UK)14:06 **Young knees, different rules? Tailoring ACL rehabilitation for the youngest player** Van Melick N (NED)14:18 *Discussion*14:30-15:15 *Open Debate* **Muscle injuries: biology VS function**

Chair English B (UK)

Presenter Krutsch W (GER) - **Balancing biological healing and functional recovery in 2025***Debaters* Pedret C (ESP), Huurman S (NED), Zanuso S (AUS)15:15-16:00 *Open Debate* **Hamstring injuries: surgery VS non surgery**

Chair English B (UK)

Presenter Haddad F (UK) - **Refining the indications for hamstring surgery in footballers***Debaters* Lempainen L (FIN), Muller Wolfhart H (GER), Stride M (UK)16:00 *Coffee Break*16:30-17:15 *Open Debate* **Spine injuries of the young football player**

Chair Dvorak J (SUI)

Presenter Mayer M (GER) - **Spine injuries of the young football player***Debaters* Chomiak J (CZE), Sheeran L (UK)17:15-18:00 *Open Debate* **Low back problems in the adult football player**

Chair Dvorak J (SUI)

Presenter Compagnin A (UK) - **Low back problems in the adult football player***Debaters* Edwards T (NZL), Romero M (QAT)18:00 *End of the day*

SUROESTE

Traditional Sessions / Next Generation Leaders

GROUND FLOOR

FIFA Medical Symposium: Concussion in Football

Chairs Massey A (SUI), Serner A (SUI)

11:30 **Evidence on concussion and long-term brain health in football** Meyer T (GER)11:45 **Injury mechanisms & video signs of concussions in football** Serner A (SUI)12:00 **What should be included in a 3 min on-pitch assessment?** Peek K (AUS)12:15 **Return to play following concussion in football** Massey A (SUI)12:30 **Concussion care in Para Football: challenges, learning points, and opportunity** Weiler R (UK)12:45 *Discussion*13:00 *Lunch Break*

FIFA SESSION - How can player health surveillance translate to improved player health?

13:30 - 14:30 **ROUND TABLE**

Chandran A (USA), Clarsen B (SUI), Larruskain Zabala J (ESP), Stokes K (UK)

*Next Generation Leaders***What's new in foot & ankle injuries**

Chairs Ahmed O (UK), Gehring D (GER)

14:30 **KEYNOTE LECTURE - New frontiers in the treatment of ankle injuries in football** Kerkhoffs G (NED)14:45 **Elite athletes can return to performance after treatment of OLT** Hollander J (NED)14:55 **Low ankle-go score leads to a 9x increased risk of recurrence of ankle sprain** Hardy A (FRA)15:05 **Sensorimotor recovery and return to sports after acute ankle sprain** Wagemans J (BEL)15:15 **Multidirectional or global ankle instability: a prospective cohort study** de Cesar Netto C (USA)15:25 **Neuromotor treatment for chronic ankle instability** Dos Anjos T (FRA)15:35 **Lateral ankle sprain (LAS) in German professional football-do we trivialise LAS?** Flore Z (UK)15:45 *Discussion*16:00 *Coffee Break**Next Generation Leaders***ACL: from injury to Return to Play**

Chairs Berruto M (ITA), Forssblad M (SWE)

16:30 **KEYNOTE LECTURE - ACL injuries in skeletally immature players: experience and perspectives** Monllau JC (ESP)16:45 **KEYNOTE LECTURE - The delicate balance between anatomy and function in return to play** Dejour D (FRA)17:00 **Psychological readiness is related to dual-task cost after ACLr** Wydra J (USA)17:10 **Biokinetic profiles in single-leg horizontal landing after ACL reconstruction** Loporace G (BRA)17:20 **Football players have higher muscle injury incidence after ACL reconstruction** Bengtsson H (SWE)17:30 **Recovery of preoperative absolute muscle strength in the quadriceps or hamstring** Lindskog J (SWE)17:40 **Psychological and physical mismatch: insights on second ACL injury** Piussi R (SWE)17:50 **Impact of on-field rehab on RTP outcomes & re-injury in 401 ACLr football players** Picinini F (UK)18:00 *Discussion*18:15 *End of the day*

REGENERATIVE MEDICINE AND ORTHOBIOLOGICS

Chairs Frizziero A (ITA), Zaslav K (USA)

- 11:30 **Intra-articular triamcinolone acetonide is safe for articular cartilage health** Axe M (USA)
 11:38 **PRP injection in professional athlete patients with knee OA: a pilot study** Orazi S (ITA)
 11:46 **BMAC subchondral and intra-articular injections for knee OA: a double-blind RCT** Boffa A (ITA)
 11:54 **High density autologous chondrocyte implantation in high-performance athletes** Stambolsky C (ESP)
 12:02 **Subchondroplasty procedure of the knee: clinical findings up to 2 years** Anzillotti G (ITA)
 12:10 **Efficacy of subchondroplasty procedure in professional basketball players** Williams R (USA)
 12:18 **Leukocytes do not affect PRP outcomes in knee OA: a 2-year double-blind RCT** Orazi S (ITA)
 12:26 **Injection of adipose tissue vs placebo for bilateral knee OA: results of a RCT** Romandini I (ITA)
 12:34 **Intra-meniscal polynucleotide injections for degenerative meniscus** Anzillotti G (ITA)
 12:42 *Discussion*

13:00 *Lunch Break*

CHALLENGES IN WOMEN FOOTBALL

Chairs Ferrer-Vidal E (ESP), Tomas R (POR)

- 14:30 **Elite athlete maternity return to play: pregnancy through postpartum guidelines** Dona S (USA)
 14:38 **The impact of menstruation on women's football practice** Furlan LS (BRA)
 14:46 **The influence of the menstrual cycle on kicking mechanics in adolescent females** Ulman S (USA)
 14:54 **Awareness of red-s syndrome among Russian women's football clubs' staff** Ryzhenko A (RUS)
 15:02 **How do female athletes deal with their periods during sports?** Paiva P (BRA)
 15:10 **Experiences of females, women & girls playing football** Peek K (SUI)
 15:18 **Coaches identify time and money as barriers to reaching their full potential** Mosler A (AUS)
 15:26 **Risks and risk factors in women's football - perceptions of club stakeholders** Kåshagen I (NOR)
 15:34 *Discussion*

16:00 *Coffee Break*

HAMSTRING INJURIES

Chairs Tsapralis K (GRE), Zunarelli P (ITA)

- 16:30 **Criterion validity assessment of the new Sprint Mechanics Assessment Score (S-MAS)** Crespeau S (FRA)
 16:38 **Practical considerations for hamstring health: cutting the risk & improving RTP** Knight T (USA)
 16:46 **Case studies of running motion characteristics at a risk of hamstring injury** Higashihara H (JAP)
 16:54 **Impact of ESWT on recovery in acute hamstring injuries. Sham-Controlled trial** Crupnik JL (ARG)
 17:02 **Psycho-socio-contextual criteria in returning to sport after hamstring injuries** Di Liberto S (IRL)
 17:10 **What is 'normal' during hamstring injury rehabilitation? Normative clinical data** Pecci J (ESP)
 17:18 **MRI as the first-line imaging modality for proximal hamstring avulsion injury** Bohu Y (FRA)
 17:26 **Hamstring readiness to train on match +2 in a professional soccer club** Proctor A (UK)
 17:34 **Relationship between force-velocity characteristics and sprint performance** Moiroux-Sahraoui A (FRA)
 17:42 **Radiomics-based muscle parameters quantification in elite football players** Cebria A (ESP)
 17:50 **Hamstring injury management: injury to peak performance** Southall K (USA)
 17:58 *Discussion*

18:15 *End of the day*

CASE REPORTS - CONCUSSION & SPINE

Chairs Bizzini M (SUI), Tomaello L (ITA)

- 11:30 **Maxillary lateral luxation multidisciplinary management: a case report** Faria Lasmar M (BRA)
 11:38 **Broken but not defeated: a bump to the skull and beyond** Rodas C (USA)
 11:46 **Efficient prevention and management of orofacial injuries in football** Stamos A (GRE)
 11:54 **Incisions in the deviated nose secondary to trauma in an basketball woman** Hernández A (MEX)
 12:02 **Return to play after severe traumatic brain injury in soccer - a case report** Connolly R (IRL)
 12:10 **The windy road to return to play after major cervical spine surgery in a professional football player** Anderlini M (ITA)
 12:18 **Condoliase therapy for lumbar disc herniation in professional footballer** Matsunaga R (JAP)
 12:26 **Targeted spinal care for a pro golfer with femoral radiculopathy: a case study** Bentivogli R (ESP)
 12:34 *Discussion*

13:00 *Lunch Break*

CONTEST FINALS - SESSION 1

Judges Delcogliano A (ITA), Hambly K (UK), Konin J (USA), Silvers H (USA)

- 14:00 **The unfinished comeback: a rugby player's journey through ACL recovery** Piussi R (SWE)
 14:11 **Effectiveness of conservative treatment and return to sport in an amateur rugby** Bartolini C (ARG)
 14:22 **Athlete rehabilitation after bear procedure and psychological impact** Bien D (USA)
 14:33 **Rehabilitation and return to play in a complicated multiligament knee injury** Boo M (USA)
 14:44 **Three post-partum cases: the journey of return to play and motherhood in the NWSL** Copa D (USA)
 14:55 **Managing multiple injuries in a professional ballet dancer: a step forward** Gabbrielli C (ITA)
 15:06 **From setback to comeback: a goalkeeper's shoulder journey** Gallo C (ITA)
 15:17 **Alendronate as effective treatment for osteochondral knee lesion in a footballer** Gazali I (BEL)
 15:28 **Do large osteochondral lesions really have to end young professionals' careers?** Jablonski J (POL)
 15:39 **Partial plantar fascia tear in a professional female footballer** Jagielo A (USA)

16:00 *Coffee Break*

CONTEST FINALS - SESSION 2

Judges Delcogliano A (ITA), Hambly K (UK), Konin J (USA), Silvers H (USA)

- 16:30 **Visual-cognitive rehabilitation in a grade 2C quadriceps strain: a case report** Martín Acuña S (USA)
 16:41 **Bilateral Haglund's deformity: getting over the hump after a double "pump bump"** Messer M (USA)
 16:52 **The influence of self-readiness in return to competition after a muscle injury** Morais-Lemos B (POR)
 17:03 **Return to skiing after a complex tibial plateau fracture in 13 months** Olivari G (UK)
 17:14 **Is ACL ligamentization still part of the modern return to sport criteria?** Orlando A (ITA)
 17:25 **Return to sport after ACL surgery: from injury to women's softball World Cup** Riosa T (ITA)
 17:36 **Targeting intramuscular tendon injuries: a game-changing approach with PRP** Saita Y (JAP)
 17:47 **2 consecutive ACL injuries with 2 surgical techniques: a thermography follow-up** Sirvan-Jiménez C (AND)
 17:58 **Pioneering Achilles tendon rehabilitation: a narrative of science and resilience** Stergiou M (GRE)
 18:09 **Non-op treatment of a patellar avulsion fracture in a female soccer athlete** Liotta E (USA)

18:30 *End of the day*

FLEXIBOX 1

Oral Communications

+1 FLOOR

CASE REPORTS - FOOT & ANKLE

Chairs Berti L (ITA), Gouttebauge V (NED)

- 11:30 **Minor tendon, major impact: abductor digiti minimi injury in a football player**
Alecrim da Costa Vieira TJ (BRA)
- 11:38 **Complete tear of ankle ligaments: is full recovery possible?** Kim J (KOR)
- 11:46 **Fast full return to performance in an elite female youth football player with a flipped acute osteochondral lesion of the Talus** Steman J (NED)
- 11:54 **Return to surf following open reduction and internal fixation (ORIF) of Trimalleolar Fractures**
Thompson J (UK)
- 12:02 **Novel technique description of anatomic deltoid ligament reconstruction and results in a professional football player** Olory B (QAT)
- 12:10 **Criteria-based Rehabilitation for Return to Olympic Fencing qualification after Achilles tendon repair** Ramuglia G (ITA)
- 12:18 **Successful management of an Achilles tendon re-rupture** Pisano A (ITA)
- 12:26 **Novel ultrasound-guided plantaris release for rapid return to sport in athletes** Latzka E (USA)
- 12:34 **Turf toe in professional football player: accelerating recovery and performance** Leite M (BRA)
- 12:42 *Discussion*

13:00 *Lunch Break*

INVESTING IN YOUTH FOOTBALL

Chairs Van Den Steen E (BEL), Zanobbi M (ITA)

- 14:00 **Sleep quality and nutrition behaviors in highly competitive, youth soccer players** Ulman S (USA)
- 14:08 **High prevalence of varus knee malalignment in adolescent football players** Memmel C (GER)
- 14:16 **Personality & performance in elite youth football: success starts in the mind?** Henze AS (GER)
- 14:24 **Playing football as a risk factor for lower leg malalignment in adolescents?** Memmel C (GER)
- 14:32 **Impact of post-match fatigue 48 to 72 hours later on elite youth soccer players** Pimenta R (POR)
- 14:40 **Maturity, movement quality, and injuries data in youth elite football** Nitri M (ITA)
- 14:48 **Data from the first year of a prospective registry of bone stress injuries** Alonso JM (QAT)
- 14:56 **Spinal stress, player progress: unraveling spondylolysis in a football Academy** Rejeb A (QAT)
- 15:04 **The incidence and cause of 797 injuries in 1326 elite youth football players** Švantner R (SVK)
- 15:12 **ACL and fifth metatarsal injuries in male vs female high school football players** Yamamoto N (JAP)
- 15:20 **Sport specialization and injury history: insights from a novel measurement tool** Bell D (USA)
- 15:28 **Inadequate neuromuscular control of the trunk and knee is highly prevalent among youth football participants** Janosky J (USA)
- 15:36 *Discussion*

16:00 *Coffee Break*

FLEXIBOX 1

Oral Communications

+1 FLOOR

EPIDEMIOLOGY

Chairs Gastaldo M (ITA), Serratosa L (ESP)

- 16:30 **Sports injuries in professional football in Switzerland: prospective cohort study** Culebras A (SUI)
- 16:38 **A global overview of injury and illness surveillance in football** Franco Wilke C (UK)
- 16:46 **Pre-competition medical assessments and implication for athlete health condition**
Wijaya Pratama W (INA)
- 16:54 **Optimising injury management through organisational and technical innovation** Gentle J (UK)
- 17:02 **Knee injuries in the first two seasons of the Bundesliga-registry** Szymiski D (GER)
- 17:10 **Starting of the Bundesliga-registry for time-loss injuries and diseases** Szymiski D (GER)
- 17:18 **Epidemiology of lower limb muscle injuries in German professional male football** Seewald D (GER)
- 17:26 **A summary of fractures during a regular season in a professional football team** Bianchi MV (BRA)
- 17:34 **Elite male English footballers of the 20th century outlive the UK population** Sellers M (AUS)
- 17:42 **Soccer injuries and re-education: a survey to young Italian athletes** Manocchio N (ITA)
- 17:50 *Discussion*

18:15 *End of the day*

FLEXIBOX 2

Oral Communications

+1 FLOOR

CASE REPORTS - QUADRICEPS FEMORIS

Chairs Bayrakci Tunay V (TUR), Nanni G (ITA)

- 11:30 **Calcific tendinopathy in adductor magnus tendon treated with us-guided lavage**
Alvariza-Ciancio S (ESP)
- 11:38 **Proximal rectus femoris tear in female goalkeeper** Copa D (USA)
- 11:46 **Surgical repair of direct and common tendon of rectus femoris, in a elite player** Pisoni M (ARG)
- 11:54 **From rectus femoris tendon surgery to return to team through an ecological approach**
Sacchi A (ITA)
- 12:02 **A case report of recurrent rectus femoris injury in an elite football player** Memiş BA (TUR)
- 12:10 **Home-based 4 stages progressive patellar tendon loading in a soccer player** Ricupito R (ITA)
- 12:18 **Combined repair and reconstruction for chronic patellar tendon insufficiency** Rauer T (SUI)
- 12:26 **Return to sport for a basketball player after patellar tendon debridement** Patel S (USA)
- 12:34 *Discussion*

13:00 *Lunch Break*

POSTER AREA Posters

GROUND FLOOR

13:30-14:30

ACL RETURN TO PLAY

Chairs Brotto E (ITA), Chaput M (USA)

- PA01** Asymmetries of vertical and fore-aft peak forces in running after ACLr Brebels R (BEL)
- PA02** Blood Flow Restriction after ACL repair Cases S A (ESP)
- PA03** Relationship between early functional training in pool and long-term movement quality after an ACLr D'Agostino F (ITA)
- PA04** Effectiveness of a neuromotor training program in re-injury prevention after ACL reconstruction De Sario G (ITA)
- PA05** The relationship between squatting pattern and lower limb strength after ACLr Kobayashi Y (JAP)
- PA06** Impact of test feedback on psychological readiness 3 months after ACL surgery Liens J (BEL)
- PA07** Movement quality after ACLr: insights from SL-LESS and force plate analysis Pittola A (ITA)
- PA08** Psychological evaluation of movements after ACL surgery in soccer player Uchino S (JAP)
- PA09** AI-guided rehabilitation for ACL recovery: a pilot study Uludağ V (TUR)
- PA10** Dual-task alters tibiofemoral movements during jump-landing in healthy subjects Vendrig T (NED)

FUNCTIONAL ASSESSMENT

Chairs Azzini M (ITA), Gard S (SUI)

- PB01** Assessment of muscle stiffness using myoton: fatigue effects on vastus muscle Lettner J (GER)
- PB02** Reliability of myotonpro in assessing muscle properties: a systematic review Lettner J (GER)
- PB03** Assessment of pulmonary function tests among male Ghanaian footballers Ansong ABN (GHA)
- PB04** Maximal quadriceps strength and endurance: isokinetic vs isometric tests Baroli M (ITA)
- PB05** Strength, power, endurance and flexibility improvement: a before and after study Cuevas AS (ARG)
- PB06** Kicker test normative data for elite and Academy males and females Fallon Verbruggen F (CZE)
- PB07** Single-leg drop landing in male college soccer players Higashi Y (JAP)
- PB08** Analysis of pain threshold and tolerance of professional soccer players Lokmaoğlu R (TUR)
- PB09** Global fitness score: association with body composition and physical skills Prada EO (ARG)
- PB10** Analysis of the sacro-iliac joint in adolescent elite tennis player Zanetti C (ITA)

FUNCTIONAL REHABILITATION AND PHYSICAL THERAPIES

Chairs Isla-Paredes E (ESP), Tosarelli F (ITA)

- PC01** Efficacy of telerehabilitation in managing Chronic Low Back Pain in a spina bifida patient Anderlini M (ITA)
- PC02** The use of online electromyography as a tool to boost the efficiency of a rehab program in a professional ballet dancer Burova M (RUS)
- PC03** Return To Sport in semiprofessional football player after complex knee surgery Gamberini J (ITA)
- PC04** Should we adapt rehabilitation for patients with generalised joint hypermobility Hrvatin I (SLO)
- PC05** Effect of Blood Flow Restriction exercise after modified Broström operation Jeong S (KOR)
- PC06** Blood Flow Restriction training in volleyball players with patellar tendinopathy Kagiarios TD (GRE)
- PC07** Precision in ACL Recovery: a Multi-Dimensional approach for effective rehabilitation Kakgas G (GRE)
- PC08** Comparison of single versus dual-task unilateral and tandem stance balancing Moran R (USA)
- PC09** Measuring braking capacity and quadriceps strength after anterior cruciate ligament injury reconstruction Vázquez Periañez I (ESP)
- PC10** Antigravity treadmill training after knee surgery: a scoping review Lettner J (GER)

POSTER AREA Posters

GROUND FLOOR

13:30-14:30

ORTHOBIOLOGICS AND IMAGING

Chairs De Caro F (ITA), Pereira M (ITA)

- PD01** Patellar tendon structural adaptations occur in professional basketball players Ortega-Cebrián S (ESP)
- PD02** COL1 eco-guided injections in the treatment of tennis elbow: case series Berti L (ITA)
- PD03** Luminare: in situ osteochondral regeneration through bioprinting Canals Coll J (ESP)
- PD04** Is Magnetic Resonance imaging useful for players with deep gluteal syndrome? Miceli M (ITA)
- PD05** BMAC and ADSC therapeutic efficacy in correlation to their MSC cellularity Montalbano F (ITA)
- PD06** Platelet-rich plasma treatment on the recovery of quadriceps muscle strength Munteanu RM (ROM)
- PD07** Effects of anticoagulants and activation methods on bioactive substances in PRP Nakajima R (JAP)
- PD08** PRP therapy improving koos-sports scores in athletes with knee injuries Ohtaki T (JAP)
- PD09** Efficacy of PRP injection for athlete pubalgia in professional football players Pandea A (ROM)
- PD10** Infrared thermography on daily basis in a professional football team Pergreffo M (ITA)

INJURY PREVENTION

Chairs Buckthorpe M (UK), Lucenteforte G (ITA)

- PE01** Effects of the Football+ and 11+ programs on landing patterns in female players Asgari M (GER)
- PE02** AI-driven forecasting of lower-limb injuries based on pre-season screening Baniasad M (SUI)
- PE03** Recursive partitioning methodology applied to injury prevention in a soccer team Busto Villarreal JM (MEX)
- PE04** Injury susceptibility and prevention of German elite football referees Groß C (GER)
- PE05** Effect of FIFA11+ program on physical performance of young volleyball players Jović L (SLO)
- PE06** The effect of subtalar joint taping on dynamic knee valgus in volleyball players Kafa N (TUR)
- PE07** Relationship between training load and lower limb muscle injury Kawase A (JAP)
- PE08** Unveiling injury trends across age groups in a Brazilian first-division football Leite M (BRA)
- PE09** Intervention strategies used for preventing sudden-onset injuries in football Piech M (NED)

MUSCLE AND TENDON INJURIES

Chairs Pereira R (POR), Zunarelli P (ITA)

- PF01** Impact of preseason muscle injuries on competitive season in football Arita H (JAP)
- PF02** Achilles tendon reconstruction: return to play following the Isokinetic ideal path Bassi C (ITA)
- PF03** The crucial role of hip abductors in a runner with greater trochanteric pain syndrome D'Ambra C (ITA)
- PF04** MAT and groin pain: exploring new frontiers in clinical practice Finocchiaro G (ITA)
- PF05** A journey into strength and conditioning post-hip muscle injury Innella A (ITA)
- PF06** Direct anatomical reconstruction of the Achilles tendon Pisano A (ITA)
- PF07** Return to play in acute adductor longus muscle injuries Wong-On M (ESP)
- PF08** Pain shows greater effect than tendon alignment in eccentric landing dynamics Ortega-Cebrián S (ESP)

YOUTH FOOTBALL

Chairs Ciuti L (ITA), Susta D (ITA)

- PG01** Elite youth soccer players increased hamstring strength during 9-month season Bhojani R (USA)
- PG02** Isometric shoulder strength assessment in elite youth academy soccer goalkeepers Esquide M (ARG)
- PG03** Change of direction quality and lower-limb strength in youth soccer players Feroldi A (ARG)
- PG04** Early detection and prevention of Osgood-Schlatter disease using gait analysis Fukuoka T (JAP)
- PG05** Pediatric anterior knee pain in sports injuries Hamali GM (UK)
- PG06** Wearables and spiroergometry prevent RED_S, predict youth soccer's performance Kurucsai G (HUN)
- PG07** Electrocardiographic findings in affiliate players of the Pachuca Club, Mexico Martinez Vega KR (MEX)
- PG08** Protect our players data collection pilot surveys on lower extremity injuries Richards K (USA)

Exploring the borders of hip & groin pain*Chairs* Griffin D (UK), Muschaweck U (GER)08:30 **Trajectories of hip and groin issues: where are we going?** Dijkstra P (QAT)08:45 **Growth-related hip and groin injuries in football: future directions** Andersen TE (NOR)09:00 **How to manage the footballer's FAI in 2025** Kemp J (AUS)09:15 **An anatomy driven work up for acute groin injuries** Schilders E (UK)09:30 **Understanding groin injuries using AI** Richter C (GER)09:45 *Discussion*10:00 *Coffee Break***Touching the ground in 2025: Achilles & calf***Chairs* Klein C (GER), Rosa D (ITA)10:30 **The future of Achilles tendon surgery for football players** Maffulli N (ITA)10:45 **Achilles tendon rupture: from injury to return to play** Van Dijk N (NED)11:00 **Quantifying Achilles tendon loading through wearables** Van Hooren B (NED)11:15 **Modern approaches to calf muscle injuries** O'Neill S (UK)11:30 **Avoiding the "flat-tire": functional recovery for full calf potential** Glasgow P (IRL)11:45 *Discussion***Present & future of ACL injury management***Chairs* Cohen M (BRA), Denti M (ITA)12:00 **What the future holds for ACL injuries** Webster K (AUS)12:15 **New trends in understanding ACL injury mechanism and patterns** Della Villa F (ITA)12:30 **Adapting ACL surgery for the increased demands of the game** Musahl V (USA)12:45 **The future is now: integration of surgery & post surgical strategies to reach the top** Zaffagnini S (ITA)13:00 **ACL rehabilitation in 2030: how it will look like** Hamrin Senorski E (SWE)13:15 *Discussion*13:30 *Lunch Break***Neurocognitive aspects of football injuries***Chairs* Grooms D (USA), Silvers H (USA)15:00 **The perceptual cognitive aspects of football injuries: a new perspective** Jordet G (NOR)15:15 **Hardware and software interactions: how the brain affects biomechanics** Myer G (USA)15:30 **Lost in transmission: how a change in central motor drive compromises muscle** Lepley L (USA)15:45 **Neuroplasticity over time: a moving target for neurocognitive interventions** Chaput M (USA)16:00 **Neurocognitive enriched late-stage rehabilitation: where are we now?** Gokeler A (GER)16:15 *Discussion***16:30 Conference Awards Ceremony****Pushing the limits for patellar tendon in Football***Chairs* Alfredson H (SWE), Di Martino A (ITA)17:00 **Patellar tendinopathy: a persistent issue for the football player?** Bahr R (NOR)17:15 **The complex extensor mechanism adaptation in the young player** Holden S (IRL)17:30 **New trends in surgical approach to the patellar tendon** Lempainen L (FIN)17:45 **Integrating biomechanics in functional recovery for patellar tendon injuries** Boldrini L (ITA)18:00 **Present and future of patellar tendinopathy management** Rio E (AUS)18:15 *Discussion*18:30 *End of the day*08:30-09:15 *Open Debate**Chair* Arundale A (USA)**Modern approach to early stages after knee surgery***Presenter* Surdyka N (USA) - **Modern approach to early stages after knee surgery***Debaters* Delcogliano M (SUI), Ek L (ITA), Sonnery-Cottet B (FRA)09:15-10:00 *Open Debate**Chair* Arundale A (USA)**Second ACL prevention: criteria VS time***Presenter* Fink C (AUT) - **Second ACL prevention: criteria VS time***Debaters* Ek L (ITA), Margheritini F (ITA), Myer G (USA)10:00 *Coffee Break*10:30-11:15 *Open Debate**Chair* Reider B (USA)**Any news in ACL injury management?***Presenter* Grassi A (ITA) - **Any news in ACL injury management?***Debaters* De Carli A (ITA), Snyder-Mackler L (USA)11:15-12:00 *Open Debate**Chair* Reider B (USA)**Patellar dislocation: surgery VS non surgery***Presenter* Arendt E (USA) - **In season patellar dislocations in footballers:****present vs future knee function, what is important for RTP decisions?***Debaters* Servien E (FRA), Thompson S (UK)12:00-12:45 *Open Debate**Chair* Kon E (ITA)**Meniscus repair in high-level Football players***Presenter* Williams R (USA) - **Meniscus repair in high-level football players***Debaters* Getgood A (QAT), Piskopakis A (GRE)12:45-13:30 *Open Debate**Chair* Kon E (ITA)**New frontiers in joint pain control***Presenter* Sas K (BEL) - **New frontiers in joint pain control***Debaters* Johnson R (UK), Laver L (ISR)13:30 *Lunch Break***ICRS SESSION - Meniscus preservation and sport***Chairs* Saris D (USA), Zaslav K (USA)14:00 **Meniscus discovery series: from anatomy to lesions, to orthobiologics** Kon E (ITA)14:12 **Can we suture the meniscus in the athlete?** Papacostas E (QAT)14:24 **Can we undertake meniscus transplantation in an athlete?** Spalding T (UK)14:36 **Meniscus: new frontiers** Filardo G (SUI)14:48 *Discussion***What's new in football orthobiologics***Chairs* Filardo G (SUI), Guillen P (ESP), Marcacci M (ITA)15:00 **Exploring the future of orthobiologics in Sports Medicine** Chahla J (USA)15:15 **Allogenic stem cells as the future of regenerative medicine** Saris D (USA)15:30 **Artificial intelligence and mixed reality in football orthopaedics** Guillen Vicente I (ESP)15:45 **The use of adipose-derived stem cells in football medicine** Screpis D (ITA)16:00 **PRP, PPP and the future of injectable orthobiologics** Cugat R (ESP)16:15 *Discussion*16:30 *Coffee Break***Shoulder instability in footballers: a rising issue?***Chairs* Bizzini M (SUI), Guillen M (ESP)17:00 **Understanding shoulder instability in athletes: diagnosis and biomechanical aspects** Michener L (USA)17:15 **New surgical trends in shoulder instability** Marcheggiani Muccioli GM (ITA)17:30 **Surgical management of top football players** Porcellini G (ITA)17:45 **Criteria-based return to play after shoulder stabilization** Danelon F (ITA)18:00 **Neurocognitive enriched testing & rehabilitation: new data** Davies G (USA)18:15 *Discussion*18:30 *End of the day*

Next Generation Leaders**The future of football rehabilitation**

Chairs Andrade R (POR), De Caro F (ITA)

- 10:30 **KEYNOTE LECTURE - The future of AI in Football Medicine** Samuelsson K (SWE)
 10:45 **The emotional journey of shattered dreams and new horizons after ACL re-rupture** Hamrin Senorski R (SWE)
 10:55 **Evaluation of eccentric and concentric force during vertical jump after ACLr** Moiroux-Sahraoui A (FRA)
 11:05 **Significant variability across 4 different hamstring strength tests after ACLr** Högberg J (SWE)
 11:15 **Patients with ACL reconstruction perform Nordic hamstring exercise ineffectively** Norte G (USA)
 11:25 **Changes in movement patterns following neuromuscular training in ACL patients** Tamer I (TUR)
 11:35 **Graft laxity variation with early open kinetic chain after ACL reconstruction** Forelli F (FRA)
 11:45 *Discussion*

Next Generation Leaders**Hamstrings: cutting the risk and improving Return to Play**

Chairs Ferrer Vidal E (ESP), Van Dyk N (IRL)

- 12:00 **KEYNOTE LECTURE - The new frontiers of hamstring injuries in football players** Mendiguchia J (ESP)
 12:15 **Association of baseline clinical & MRI findings and RTP after hamstring injury** Mokkenstorm M (NED)
 12:25 **Brain connectivity differences in footballers with previous hamstring injury** Correia JP (POR)
 12:35 **Risk factors for rerupture after proximal hamstring avulsion injury** Bohu Y (FRA)
 12:45 **Hamstring injury: compensatory role of adductor magnus after biceps femoris tear** Advani D (UK)
 12:55 **Eccentric strength deficits and not isometric persist after hamstring injuries** Tomaghelli L (ARG)
 13:05 **Hamstring injuries in athletes. MRI-Ultrasound fusion to assess healing** Wong-On M (ESP)
 13:15 *Discussion*

13:30 *Lunch Break***ISAKOS SESSION - ACL injuries in youth football**

Chairs Espregueira-Mendes J (POR), Maestro A (ESP)

- 14:00 **New frontiers in the management of ACL injuries in youth football** Chahla J (USA)
 14:12 **Early surgery or delayed reconstruction in pediatric ACL injuries?** Cohen M (BRA)
 14:24 **Is the quadriceps tendon a good autograft option for ACL reconstruction in the young athlete?** Musahl V (USA)
 14:36 **Why, when and how to add LEAT in the young athlete with ACL tear** Espregueira-Mendes J (POR)
 14:48 *Discussion*

Next Generation Leaders**Innovation in football injury prevention & biomechanics**

Chairs Bittencourt N (BRA), Pereira R (POR)

- 15:00 **KEYNOTE LECTURE - Preventing knee injuries in football: what is important?** Powers C (USA)
 15:15 **Effects of cognitive demands on biomechanics during cuttings in female athletes** Ebner C (GER)
 15:25 **Cognitive training: a gateway to injury prevention and sports performance** Gomez-Chereguini L (ESP)
 15:35 **Biomechanical differences between elite adolescent and professional athletes** Bencke J (DEN)
 15:45 **Neurocognitive perturbations in noncontact ACL injuries in football** Nitri M (ITA)
 15:55 **Video analysis of ACL injuries in female professional football players** Lundberg S (SWE)
 16:05 **Biomechanical differences in sport-specific and standard jumps in mixed reality** Woergoetter S (AUT)
 16:15 *Discussion*

16:30 *Coffee Break***Next Generation Leaders****Current trends in hip & groin pain**

Chairs Laver L (ISR), Papadopoulou T (UK)

- 17:00 **KEYNOTE LECTURE - Groin injuries in football players: what I have learned so far** Holmich P (DEN)
 17:15 **KEYNOTE LECTURE - Towards the future of surgical approach to the hip joint for footballers** Khanduja V (UK)
 17:30 **5-year outcomes of arthroscopy for FAI with concomitant dysplasia in athletes** Mullins K (IRL)
 17:40 **Mechanisms of severe thigh muscle-tendon injuries in professional football** Jokela A (FIN)
 17:50 **Video analysis of anterior thigh muscle injuries in German male football** Klein C (GER)
 18:00 **Evaluation of clinical tests to diagnose iliopsoas tendinopathy** Vandeputte FJ (BEL)
 18:10 **Association between peak and endurance adductor strength in female athletes** Quintana Cepedal M (ESP)
 18:20 *Discussion*

18:30 *End of the day***ACL - SURGERY** Chairs Jones H (POR), Lo Presti M (ITA)

- 08:30 **Optimizing vancomycin soaking protocols for ACL reconstruction** Chuaychoosakoon C (THA)
 08:38 **Prevention of septic arthritis after hamstrings ACL reconstruction** Chouliaras V (GRE)
 08:46 **Anterior knee stability test after ACL reconstruction with quadriceps autograft** Stambolsky C (SUI)
 08:54 **Comparison of inside-out and outside-in techniques in ACL reconstruction** Sharma J (IND)
 09:02 **Extra-articular tenodesis in ACL surgery: comparison of two techniques: ALL-ITB** Gazali I (BEL)
 09:10 **Tissue quality and timing of surgery are separate risk factors for ACL repair** Mueller MM (USA)
 09:18 **Allgraft ACL reconstruction does not impact performance levels in soccer** Vargas LA (USA)
 09:26 **Virtual arthroscopic imaging of the ACL using magic angle MRI tractography** Amiras D (UK)
 09:34 **High rates of ramp lesions in patients undergoing ACL reconstruction** Culebras A (SUI)
 09:42 *Discussion*

10:00 *Coffee Break***BIOMECHANICS & VIDEO ANALYSIS** Chairs Bittencourt N (BRA), Di Paolo S (ITA)

- 10:30 **Video analysis of ACL injuries in German professional male football** Bloch H (GER)
 10:38 **Systematic video analysis of ACL injuries in Argentine football: study on 65 cases** Pirlì Capitani L (ITA)
 10:46 **Video analysis of ACL injuries in professional female basketball players** Heder Ternell K (SWE)
 10:54 **ACL injuries in professional women volleyball: insights from 2d video analysis** Ranzini A (ITA)
 11:02 **Systematic video analysis of shoulder dislocations in elite male football players: study on 43 cases** Di Martino E (ITA)
 11:10 **3D biomechanics of a hamstring injury: a case report on elite football player** Pellegrini A (ITA)
 11:18 **Kinematics of acceleration: what differentiates sprinters from football players?** Brúnn D (SVK)
 11:26 **Biomechanics of the ankle, as a protective element relationship to knee injuries** Núñez Villar J (ESP)
 11:34 **Age differences in squat jump patterns and asymmetry in soccer players** Panoutsakopoulos V (GRE)
 11:42 *Discussion*

ACL - FUNCTIONAL OUTCOMES Chairs Bonanzinga T (ITA), Lucarno S (SUI)

- 12:00 **Second ACL injuries in football players: a systematic review and meta-analysis** López A (SWE)
 12:08 **Clinical and radiological outcomes following ACL repair at 10-year follow-up** Mueller MM (USA)
 12:16 **Risk analysis for ipsilateral reinjury after ACL repair at 6-year follow-up** Rilk S (USA)
 12:24 **Risk factors for not meeting MIC in proms 2 years after ACL reconstruction** Wignadasan W (UK)
 12:32 **Neuromechanical reaction time in students with history of ACL tear & concussion** Moran R (USA)
 12:40 **Towards the potential of inertial sensors for assessing ACL injury risk** Baldazzi A (ITA)
 12:48 **Functional jump tests alterations in neuromuscular performance post ACL surgery** Ranzini A (ITA)
 12:56 **From the mat to mastery: professional judokas' experiences after ACL injury** Piussi R (SWE)
 13:04 **5-10-5 shuttle performance does not differ between ACLr and controls** Chaput M (USA)
 13:12 *Discussion*

13:30 *Lunch Break***ACL - REHABILITATION** Chairs Arundale A (USA), Respizzi S (ITA)

- 15:00 **Force & power testing post-ACLR - The state of the art of current practices** Compagnin A (UK)
 15:08 **Quadriceps strength associated with single-leg performance measures after ACLr** Jones D (USA)
 15:16 **Isokinetic strength and SL-hop in female ACL patients: a retrospective study** Marin V (UK)
 15:24 **Patient experiences with blood flow restriction training post ACL reconstruction** Koc B (BEL)
 15:32 **Impact of cross-education with BFR on quadriceps strength and function post ACLr** Sevinc C (TUR)
 15:40 **Injury angle specific isokinetic data: consideration for return to sport after ACLr** Guala S (ITA)
 15:48 **Good, bad and ugly of quadriceps tendon autograft: tips and tricks of rehab** Biller M (USA)
 15:56 **The influence of graft choice on quadriceps strength after ACL reconstruction** de Oliveira G (USA)
 16:04 **Fit to play? Cardiopulmonary fitness in ACLr rehabilitation: a scoping review** Otley T (USA)
 16:12 *Discussion*

16:30 *Coffee Break***ACL - STRENGTH & POWER** Chairs Buckthorpe M (UK), La Rosa G (ITA)

- 17:00 **Quantifying the effect of ACL injury on compound muscle action potentials** Stoneback L (USA)
 17:08 **Is ACL graft signal intensity a predictor of muscle function and proms?** Bialy M (POL)
 17:16 **Force & power testing in ACLr rehabilitation - A scoping review** Compagnin A (UK)
 17:24 **Impact of ACLr on hamstring peak torque and maximum effective angle** Bouzekraoui Aloui I (MAR)
 17:32 **Clinical contribution huber platform in functional evaluation after ACL injury** Godefroy PL (FRA)
 17:40 **Effects of isometric strength training on mid-stage ACL patients** Bravo Sánchez A (ESP)
 17:48 **Conventional and functional hamstring-quadriceps ratios after ACL reconstruction** Kafa N (TUR)
 17:56 *Discussion*

18:30 *End of the day*

CASE REPORTS - HAMSTRINGS

- Chairs* Del Barrio C (ESP), De Sario G (ITA)
- 08:30 **Uncommon presentation of semimembranosus herniation post-ACLR in athletes** Issaragrisil P (THA)
- 08:38 **Controlling the chaos: exploring the integration of an immersive training device** Chang W (UK)
- 08:46 **Semimembranosus intramuscular tendon injury in an international rugby player** O'Reilly A (UK)
- 08:54 **Proximal biceps tendon surgical repair, rehabilitation and return-to-play** Esteban García E (UAE)
- 09:02 **Rehabilitation of semimembranosus detachment and tendon injury in a young athlete** Enaba I (EGY)
- 09:10 **Too cold or too hot? Thermography in a biceps femoris grade II injury** Fernandez Cuevas I (ESP)
- 09:18 **Professional soccer player's hamstring injury** Marincic L (CRO)
- 09:26 **Early postoperative combined physical therapy for hamstring tendon reattachment** Wuerfel T (GER)
- 09:34 **BFRT & NOP approach by 800m runner return rehab after tear & stress fracture** Vervloet G (BEL)
- 09:42 *Discussion*

10:00 *Coffee Break*

CASE REPORTS - ACL INJURIES

- Chairs* Krutsch W (GER), Tosarelli F (ITA)
- 10:30 **Integrating neurocognitive testing in a female soccer player after ACL injury** González Alcántara JA (ESP)
- 10:38 **Scar tissue pain post ACL reconstruction with lateral extra-articular tenodesis** Palatulan E (USA)
- 10:46 **Conservative treatment of ACL injuries: a plea for more evidence-based criteria** Villalba M (ESP)
- 10:54 **Non-surgical platelet-rich plasma therapy for Anterior Cruciate Ligament injury** Wakayama T (JAP)
- 11:02 **Return to sport testing after ACLr, reverse the problem to get the solution** Gaspar M (FRA)
- 11:10 **A neurocognitive-motor rehabilitation: case study after ACL reconstruction** Ricupito R (ITA)
- 11:18 **Blending online and in person rehabilitation after ACLr: a case report rugby player** D'Ambra C (ITA)
- 11:26 **Third ipsilateral ACL injury in a recreational athlete: what went wrong?** Mattaini J (USA)
- 11:34 **RTP in a Female Football Player with ACLr and Meniscal Repairs** Scavone A (UK)
- 11:42 *Discussion*

CONCUSSION & HEADING

- Chairs* Ahmed O (UK), Chiampas G (USA), Ciuti L (ITA)
- 12:00 **Developing ethical guidelines for post-concussion return-to-play in football** Sesa G (BEL)
- 12:08 **Permanent concussion substitution - report from de CBF medical committee** Nishimura R (BRA)
- 12:16 **Is it just me? Work environment and clinicians' concussion-related self-efficacy** Postawa A (IRL)
- 12:24 **Concussion knowledge & attitude of professional footballers in Volta region, Ghana** Asante D (GHA)
- 12:32 **An exploration of elite coaches' attitudes towards heading guidelines** Peek K (UK)
- 12:40 **Exploration of professional footballers' perceptions towards heading guidelines** Ahmed O (UK)
- 12:48 **An evaluation of BESS in female soccer players following soccer heading** Kakavas G (GRE)
- 12:56 **Mental health status of professional football referees in Cameroon** Tankeng L (CMR)
- 13:04 **Mental health and wellbeing in athletes: what can we learn from rugby?** Griffin S (UK)
- 13:12 *Discussion*

13:30 *Lunch Break*

PREVENTION & RECONDITIONING

- Chairs* McCall A (UK), Webster K (AUS)
- 14:30 **Efficacy of FIFA11+ injury prevention in Cameroon University football athletes** Douryang M (CMR)
- 14:38 **Modern injury prevention strategies in the Greek superleague U19, U17, U15** Pantelidis G (GRE)
- 14:46 **Biomechanical insights into squat depth and knee valgus: a systematic review** Raizaday S (IND)
- 14:54 **Screening, injury prevention and performance enhancement in volleyball** D'Antonio L (ITA)
- 15:02 **Stress and performance: insights from tactical scenarios to football** Stergiou M (GRE)
- 15:10 **Correlation between asymmetries of jumping and isokinetic strength assessment** Bauchard A (SUI)
- 15:18 **Impact of instructional cues on force production in isokinetic leg extension** Pecci J (ESP)
- 15:26 **One-week test-retest reliability of error and sway index scoring on the MBESS** Moran R (USA)
- 15:34 **Heart rate responses during hit in top-class adult and young football players** Trapletti M (ITA)
- 15:42 **Power performance during CMJ in top-class adult and young football players** Trapletti M (ITA)
- 15:50 **Active primitive reflexes: prolonged rehab & return-to-training in football** Bastiere J (FRA)
- 15:58 **Relationship between workload and injury incidences in soccer: systematic review** Inal B (ESP)
- 16:06 *Discussion*

16:30 *Coffee Break*

PLAYER'S PERSPECTIVE & MEDICAL ISSUES

- Chairs* Pedrinelli A (BRA), Susta D (ITA)
- 17:00 **From evidence to action: effective decision-making in elite sports medicine** Babelyuk D (UK)
- 17:08 **Investigating immune and endocrine alterations associated with overtraining** Baker C (UK)
- 17:16 **Monitoring recovery in different elite football players: psychometric scale and sleep-like main methods in season** Malizia G (ITA)
- 17:24 **Optimizing athletic health with vitamin D: a seasonal perspective** Pegreffo F (ITA)
- 17:32 **Sudden cardiac arrest in Cameroonian football: prevention and emergency response** Tankeng L (CMR)
- 17:40 **A review of injuries occurring within UK football pitch safety run-off areas** Gillespie C (UK)
- 17:48 **Athletes' perspectives on joint injuries and regenerative therapies** Verges J (ESP)
- 17:56 **An examination of injury prevention knowledge and confidence levels among youth football coaches** Janosky J (USA)
- 18:04 **A small bowel perforation in a soccer player: a case report and return-to-play** Bianchi MV (BRA)
- 18:12 **Precision approach in a male professional soccer athlete** Silvestre Knack R (BRA)
- 18:20 **Traumatic brachial plexopathy (stingers) in a professional rugby player** Ibarra Baquero C (ECU)
- 18:28 *Discussion*

18:45 *End of the day*

TENDON & MUSCLE INJURIES*Chairs* Gamberini J (ITA), Padron M (ESP)

- 08:30 **Reduced Achilles symptoms, but not pain, relate to perceived recovery** Murphy M (AUS)
- 08:38 **Single vs three PRP injections for Achilles tendinopathy: a 24-month RCT** Romandini I (ITA)
- 08:46 **Early benefits of combined treatment in athletic Achilles tendinopathy** Vulpiani MC (ITA)
- 08:54 **Management of Achilles ruptures: systematic review and network meta-analysis** Pisano A (ITA)
- 09:02 **Evidence-based criteria for return to running after Achilles tendon rupture** Mazeas J (FRA)
- 09:10 **Breaking the injury cycle in thigh muscles through effective risk management** Rekik RN (QAT)
- 09:18 **Muscle injuries in the Bundesliga-registry - results of the first two years** Szymiski D (GER)
- 09:26 **Impact of patellar tendon rupture on European professional soccer players** Annibaldi A (ITA)
- 09:34 **Injection of adipose-derived SVF for the treatment of patellar tendinopathy** Boffa A (ITA)
- 09:42 *Discussion*

10:00 *Coffee Break***WOMEN FOOTBALL INJURIES***Chairs* Huurman S (NED), Okholm-Kryger K (UK)

- 10:30 **Injury, illness, and mental health problems at the 2023 FIFA Women's World Cup** Mosler A (AUS)
- 10:38 **The incidence and severity of injuries in English women's professional football** Varley I (UK)
- 10:46 **Incidence and severity of hamstrings and ACLs in women's professional football** Sprouse B (UK)
- 10:54 **Epidemiology of head injuries in United States collegiate soccer** Boltz A (USA)
- 11:02 **Strengthening the neck, safeguarding the brain: impact of targeted exercises on female soccer players** Anderson M (USA)
- 11:10 **ACL risk monitoring in female academy football: is in season screening possible** Moore K (UK)
- 11:18 **Considerations in football cleat design for female athletes: a scoping review** Jagiello A (USA)
- 11:26 **Potential effects of altitude during initial adaptation in youth women's soccer** Dix C (USA)
- 11:34 **Performance testing in elite female academy footballers: test retest reliability** Moore K (UK)
- 11:42 *Discussion*

HIP & SHOULDER INJURIES*Chairs* Andersen TE (NOR), Davies G (USA)

- 12:00 **Shoulder dislocations in professional football** Schneider K (GER)
- 12:08 **Upper extremity return to sport functional testing: a systematic review** Pontillo M (USA)
- 12:16 **Rehabilitation and virtual reality in goalkeepers upper limb injuries** Mignanelli G (ITA)
- 12:24 **Don't fall into the diagnostic trap: a case of posterior shoulder dislocation** Estes K (USA)
- 12:32 **Greater bony deformity is associated with greater intra-articular injury in FAI** Mullins K (IRL)
- 12:40 **Shockwave therapy outcomes in soccer players with athletic pubalgia** Vetrano M (ITA)
- 12:48 **Return to sport activity after total hip replacement surgery in a young sportsman** Gavioli M (ITA)
- 12:56 **Unlike knees, endogenous pain modulation is not impaired in hip osteoarthritis** Murphy M (AUS)
- 13:04 **Muscle activity and kinematic parameters during shoulder rotation** Ganokroj P (THA)
- 13:12 *Discussion*

13:30 *Lunch Break***NEWS IN FOOTBALL SURGERY***Chairs* Axe M (USA), Huylebroek J (BEL)

- 14:30 **Headless tapered screw fixation for fifth metatarsal stress fracture** Kim J (KOR)
- 14:38 **8 out of 10 patients return to their desired level of sports after topic surgery** Dahmen J (NED)
- 14:46 **3 pro footballers return to play after medial malleolus stress fracture surgery** Ramsodit K (NED)
- 14:54 **Surgical treatment of hamstring avulsion injuries compared with nonsurgical** Hardy A (FRA)
- 15:02 **Predictors of early return to sport after surgical repair of proximal hamstring** Hardy A (FRA)
- 15:10 **Transosseous repair outperforms corkscrew fixation for rectus femoris injuries** Vandeputte FJ (BEL)
- 15:18 **Biomimetic scaffold for knee osteochondral lesions: long-term clinical results** Romandini I (ITA)
- 15:26 **MCL repair with suture augmentation restores valgus stability: a robotic study** Mueller MM (USA)
- 15:34 **10-year outcomes of arthroscopy for femoroacetabular impingement in athletes** Mullins K (IRL)
- 15:42 **Medial sleeve fractures in elite football players: case-based considerations** Ramsodit K (NED)
- 15:50 **Minimally invasive lumbar disc surgery in elite professional football players** Ishak B (GER)
- 15:58 **A novel approach to spine surgery in athletes - A pilot case series of 20 patients** Dzukaev DN (RUS)
- 16:06 *Discussion*

16:30 *Coffee Break***AI, VIRTUAL REALITY & BEYOND***Chairs* Di Paolo S (ITA), Metsavaht L (BRA)

- 17:00 **Biokinetic profiles of patellofemoral pain during unilateral step-down task** Metsavaht L (BRA)
- 17:08 **Visualization and neurofeedback: a case report in a professional Football Club** Sonkin K (USA)
- 17:16 **Improving female football movement execution with personalized verbal feedback**
Nijmeijer E (NED)
- 17:24 **Using kinematics and machine learning for injury prediction in football players** Zingarelli E (ITA)
- 17:32 **Deep learning model in diagnosis for Anterior Cruciate Ligament injury** de Oliveira G (USA)
- 17:40 **Machine learning approaches to injury risk prediction in sport: a scoping review** Leckey C (IRL)
- 17:48 **An innovative virtual-reality protocol for cognitive and visuo-motor skills** Witbeck C (CAN)
- 17:56 **Urinary biomarkers as indicators of virtual reality cognitive training efficacy** Sumner B (CAN)
- 18:04 *Discussion*

18:30 *End of the day*

POSTER AREA Posters

GROUND FLOOR

14:00-15:00

ACL SURGERY

Chairs Canata GL (ITA), Tomaello L (ITA)

- PH00** Anterior Cruciate Ligament graft choice affects AMI post ACLr Kakavas G (GRE)
- PH01** Anterior Cruciate Ligament reconstruction Busto Villarreal JM (MEX)
- PH02** Impact of leap augmentation on rerupture risk after ACLr in adolescents Hardy A (FRA)
- PH03** Technical note: remnant-preservation Anterior Cruciate Ligament reconstruction Ho An (VIE)
- PH04** MRI in flexion might increase the sensitivity of ramp lesions in ACL knees Intzoglou K (GRE)
- PH05** Characteristics of meniscal tears in soccer players with combined ACL injuries Kamada K (USA)
- PH06** Pilot study: clinical impact of tibial tunnel position in ACL reconstruction Karaduman ZO (TUR)
- PH07** Anterior Cruciate Ligament epidemiology in the best European Football Leagues Ortiz Sánchez D (ESP)
- PH08** Pilot study: radiographic VS MRI tibial tunnel angles in ACL reconstruction Sağlam S (TUR)
- PH09** Graft choice in ACL reconstruction: hamstring or patellar tendon? Ziyad SA (KSA)

HAMSTRINGS INJURIES

Chairs Bayrakci Tunay V (TUR), Lucenteforte G (ITA)

- PL01** Assessing nerve risk in hamstring surgery using a self-retaining retractor Vandeputte FJ (BEL)
- PL02** Comprehensive treatment of partial tear of the semimembranosus in football Enaba I (EGY)
- PL03** Pre-season strength assessment and hamstring strain injuries in elite soccer Gonosova Z (CZE)
- PL04** Hamstring injury RTP criteria: does the type of injury matter? Perna P (UK)
- PL05** Surgical proximal hamstring tendon in footballers: healing process by MRI Puigdellivol J (ESP)
- PL06** Transcriptomic profiling of biceps femoris muscle biopsy following soccer match Rodas G (ESP)
- PL07** Myositis ossificans following thigh contusion in a professional footballer Simões D (POR)

MEDICAL ISSUES

Chairs Chiquito C (ESP), de La Torre A (ESP)

- PM00** Intra-articular triamcinolone acetonide is safe for articular cartilage health Axe MJ (USA)
- PM01** Beyond medicine: culture and faith in African football injury recovery Bahdur K (LUX)
- PM02** The effect of hypoxia training on intermittent running performance in football Isiksal FD (ESP)
- PM03** Complex ocular injury in a professional soccer player Lauga A (UK)
- PM04** Validation study of the Serbian version of sport psychological safety inventory Maricic J (SRB)
- PM05** Effect of mindfulness intervention (MSPE) on performance of school footballers Mascarenhas DAM (IND)
- PM06** Inflammation, Immune Age and adaptation dynamics in football players Mendizabal-Sasieta A (USA)
- PM07** Solitary kidney: how much impact does that have on football? Moreno L (POR)
- PM08** Concussion conundrum: managing the urgent over the important Vicente Rodriguez O (ESP)

POSTER AREA Posters

GROUND FLOOR

14:00-15:00

JOINT INJURIES

Chairs Frizziero A (ITA), Prill R (GER)

- PN01** Elite footballers fully recover after needle arthroscopy & syndesmosis fixation Ramsodit K (NED)
- PN02** Rehabilitation journey and return-to-play following a fifth metatarsal stress fracture in a professional soccer player Piskopakis A (GRE)
- PN03** Biokinetic changes in elite distance runners: a multidisciplinary approach Bentivogli R (ITA)
- PN04** Imaging of medial malleolar stress fractures Ghany J (UK)
- PN05** Impact of valgizing insole in a knee osteoarthritis population with genu varum Godefroy PL (FRA)
- PN06** Injectable porcine COL1 on LPAA injuries: an observational case-control study Lopresti E (ITA)
- PN07** Return to play after osteitis pubis in a 26-year-old male amateur football player Marino F (ITA)
- PN08** Quantitative sensory testing does not predict osteoarthritis outcomes Murphy M (AUS)
- PN09** Sport/growth associated knee pathology: Osgood-Schlatter impact in adult athlete Villalba M (ESP)

CASE REPORTS

Chairs Gard S (SUI), Gastaldo M (ITA)

- PP01** Applying Lightback® for sciatic radicular pain rehabilitation in a soccer player Cotteret C (ESP)
- PP02** Rehabilitation of stem cell microfracture surgery: a case report from Indonesia Maulana Firdausi K (INA)
- PP03** US-guided injection with collagen for trigger finger in a rowing athlete Pesaresi A (ITA)
- PP04** Case report: conservative management of an isolated distal grade III LCL injury Ruiz Nunes V (BRA)
- PP05** Landing into trouble: a soccer player's sudden heel turn Saiyed MA (USA)
- PP06** Falling hard: a collegiate soccer player's struggle with hand injury Saiyed MA (USA)
- PP07** Under pressure: unraveling the cause of an athlete's persistent foot pain Saiyed MA (USA)
- PP08** Case report of hamstring injury rehabilitation in elite football player Šoš K (CRO)
- PP09** Using GPS data to mitigate overuse injuries in a youth football player Southall K (USA)
- PP10** RTP after surgical management of inguinal hernia: a case report Talpalaru MF (ROM)

FEMALE FOOTBALL

Chairs Brockwell E (UK), Pirotti E (UK)

- PQ01** The return to play of a sunk case in women's elite football Almeida J (POR)
- PQ02** Epidemiology of injuries in Argentinian elite female football players Esquide M (ARG)
- PQ03** Kinematic and muscle recruitment differences in ACL Injury Risk in Semi-Professional female football players Ferrández-Laliena L (ESP)
- PQ04** Graft choice and psychological readiness in female football players after ACLr Ferré Aniorte A (ESP)
- PQ05** Unilateral training may enhance change of direction in female football players Forelli F (FRA)
- PQ06** Concussion in female soccer players. Umbrella review Guzman Vasquez D (ESP)
- PQ07** Angle specific hamstring-to-quadriceps ratios in female football players Musialová L (CZE)
- PQ08** Implementation of injury surveillance practice in elite Female Football Orlando F (ITA)
- PQ09** Anthropometric and body composition profile in elite female football players Porta M (ESP)
- PQ10** Normative values of performance metrics in professional female soccer players Tomaghelli L (ARG)

Muscle injuries: how to tackle the big four*Chairs* Huurman S (NED), Tol H (NED)08:30 **New trends in hamstring injuries rehabilitation** Heiderscheidt B (USA)08:45 **Proximal rectus femoris injuries: an increasing concern in football** Kassarian A (ESP)09:00 **The future of the triceps surae: from diagnosis to return to play** Pedret C (ESP)09:15 **Adductors injuries in football players: present and future** Eirale C (QAT)09:30 **The evolution of surgical indications for muscle injuries** Puigdellivol J (ESP)09:45 *Discussion*10:00 *Coffee Break***The future of ACL injury prevention***Chairs* Osbahr D (USA), Webster K (AUS)10:30 **The frontiers of ACL injury prevention** Mandelbaum B (USA)10:45 **The movement phenotypes and ACL injury risk: implication for prevention** Di Paolo S (ITA)11:00 **From the lab to the world: new solutions for ACL prevention implementation** Pearle A (USA)11:15 **Don't forget the hardware but target the software: the future is the brain** Grooms D (USA)11:30 **Second ACL injury prevention: emerging trends and biomechanical data** King E (QAT)11:45 *Discussion***Chasing return to performance after injury: what's new?***Chairs* Gregson W (UK), Isla Paredes E (ESP)12:00 **The moving target: what Football will look like in 2030** Bradley P (UK)12:15 **The new outlook of on-field rehabilitation: the gateway to performance** Buckthorpe M (UK)12:30 **What is return to performance and how to get there** Clubb J (UK)12:45 **Running progression after muscle injuries: beyond GPS confusion to practical solutions** Buchheit M (FRA)13:00 **Getting back to the game: what matters most?** Knowles B (USA)13:15 *Discussion*13:30 *Lunch Break***Current trends in RTP testing: biomechanics and beyond***Chairs* Mandelbaum B (USA), Zago M (ITA)14:30 **Back to the future: isokinetic test as a never-ending example of innovation** Davies G (USA)14:45 **Current trends in biomechanical testing for return to play** Powers C (USA)15:00 **Using force plate assessments to optimize return to sport readiness** Read P (UK)15:15 **Integrating GPS data in return to football** Olmo J (UK)15:30 **What the player wants: exploring psychological & contextual factors in RTP** Bolling C (NED)15:45 *Discussion*16:00 *End of the Conference***Next Generation Leaders****Football reconditioning***Chairs* Lucarno S (SUI) - Mazzone S (ITA)08:30 **KEYNOTE LECTURE - Football Reconditioning: humans versus machines** McCall A (UK)08:45 **ACL injuries and their impact on performance metrics in professional football** Mazza D (ITA)08:55 **Cutting technique of ACLr football players: on the field matched control study** Mendicino M (ITA)09:05 **Return to sport 8 months post-ACLR: over 1 in 3 report running pain** El Hariri B (FRA)09:15 **Relationship of hip abductor strength with change of direction and knee valgus** Kafa N (TUR)09:25 **A stepdown task that identifies visual reliance in ACL reconstructed athletes** Vitharana T (IRL)09:35 **On-field rehabilitation workload quantification in football players after Achilles tendon rupture** Busà M (ITA)09:45 *Discussion*10:00 *Coffee Break***Latin Football Session****Planning the season: from screening to match schedule***Chairs* Pangrazio O (PAR), Varandas F (POR), Villalon JM (ESP)10:30 **Preparing a top team to face a challenging season** Yanguas Leyes J (ESP)10:45 **Preventing injuries in a challenging context: the CONMEBOL experience** Forriol F (ESP)10:55 **ACL Injuries in women football: new trends** Pedrinelli A (BRA)11:05 **Integrating preseason screening and targeted injury reduction strategies** Bittencourt N (BRA)11:15 **Performance planning: ACL Return-to-Play testing** Del Barrio C (ESP)11:25 **Maximising biomechanical screening in injury prevention: the Brazilian experience** Metsavaht L (BRA)11:35 *Discussion***Latin Football Session****Top clubs' best strategies to Return to Play***Chairs* Celada O (ESP), Martinez D (ARG)12:00 **Return to play after ACL reconstruction** Lasmar R (BRA)12:15 **Managing complex knee surgeries in top level football: from injury to RTP** Leyes M (ESP)12:25 **ACL injuries in youth football players: priorities to consider** Monaco E (ITA)12:35 **New trends in cartilage injuries in South American football** Cohen C (BRA)12:45 **Present and future of hamstring injury management: the FC Barcelona experience** Rodas G (ESP)12:55 **Key principles of football rehabilitation for ankle sprains** Til L (FRA)13:05 *Discussion*13:30 *Lunch Break***Latin Football Session****CONMEBOL SESSION - Football in South America***Chair* Pangrazio O (PAR)13:45 **CONMEBOL medical protocols** Pedrinelli A (BRA)13:55 **Injuries in female and youth football players** Cheyre J (CHI)14:05 **Copa Libertadores and Copa Sudamericana 2022-2024** Forriol F (ESP)14:15 **Anti-doping controls in South America** Pangrazio O (PAR)14:25 *Discussion***Latin Football Session****Monitoring the recovery & maximising performance***Chairs* Martinez G (PAN), Vazquez C (ESP)14:45 **Build the framework, rebuild the player** Buchheit M (FRA)15:00 **Specificities of performance enhancement in female football** Romero Moraledad B (ESP)15:10 **Fatigue monitoring to target recovery in a South American National team** Chiquito C (ESP)15:20 **Optimizing the loading through the foot: a professional football experience** Alfaro V (ESP)15:30 **Getting back to the top after a long-term injury** Tosarelli F (ITA)15:40 *Discussion*16:00 *End of the Conference*

**LIFE
UNIVERSITY**

Saturday 3rd - 13:30-14:30 - FLEXIBOX 2
Sensory Prediction Error Management: Hypothesis, Field test, Resolution

Chairs Ferrari R (ITA), Scott R (USA)

13:30 **Opening welcome** Scott R (USA)

13:35 **Introduction of the topic** Ferrari R (ITA)

13:40 **Current research identifying Sensory Prediction Error as causative factor in non-contact ACL injuries** Downes J (USA)

13:55 **Demonstration / Workshop of Global Neuromechanical Assessment protocol and resolution options for positive assessment findings** Downes J (USA)

14:20 **Q and A moderated for additional information / training / research**

14:30 *End of the workshop*

**SPORTS
DENTISTRY**

Saturday 3rd - 15:00-16:00 - FLEXIBOX 2
Introducing international standards in dental prevention, diagnostics and therapies in high-performance sports

Chairs Avgerinos S (GER), Frisch T (GER), Stamos A (GRE)

15:00 **Opening Welcome**

15:05 **The prevention imperative in sports dentistry** Avgerinos S, Frisch T (GER)

15:20 **Standardised internationally coordinated diagnostics** Stamos A (GRE)

15:35 **The future of sports dentistry as a pioneer of preventive, affordable and sustainable medicine** Avgerinos S, Frisch T (GER)

15:50 *Discussion*

16:00 *End of the workshop*

MASTELLI

Saturday 3rd - 16:30-17:30 - FLEXIBOX 2
Therapeutic use of Polynucleotides HPT® in orthopaedics: The weight of evidence

Chair Kon E (ITA)

16:30 **Opening Welcome**

16:35 **The game-changer in Orthopaedics: Condrotide®** Conte P (ITA)

16:45 **Intra-meniscal injections with Condrotide® for degenerative meniscus: Clinical Study Results** Kon E (ITA)

16:55 **Degenerative Medial Meniscus Lesion in a professional Dancer Treated with Condrotide® Injections** Kon E (ITA)

17:05 **Back in the game reducing pain: Intra-articular use of Condrotide® in athletes** Sas K (BEL)

17:15 **Tropho Tend® in Tendinopathies: Preliminary Clinical Study Data on Rotator Cuff** Porcellini G (ITA)

17:30 *End of the workshop*

**MEDTECH
Medizintechnik**

Sunday 4th - 09:00-10:00 - FLEXIBOX 2
Faster return to sport - MBST® as a strong partner in combination therapy

Chair Stiller P (GER)

09:00 **Welcome**

09:05 **Case Presentations - MBST® as a game changer in my toolbox for successful patient outcomes** Stiller P (GER)

09:25 **Focus on Neuromodulation in Superior Combination Therapy** Bergamo R (ITA)

09:45 **Discussion: which therapeutic modalities can be combined in the best way**

10:00 *End of the workshop*

**OLYMPIA
MADRID
QUIRONALUD
HOSPITAL
GROUP**

Sunday 4th - 10:30-11:30 - FLEXIBOX 2
What's new in ACL injuries in professional soccer players? Update on advances in the diagnosis, surgery and rehabilitation

10:30 **Welcome**

10:35 **Key Points of Diagnosis on MRI** Kassarijian A (ESP)

10:50 **Key Points of Surgical Treatment** Leyes M (ESP)

11:05 **Key Points of Rehabilitation and Return to Play** Asensio J (ESP), Murias R (ESP), Reyes F (ESP), Vazquez I (ESP)

11:20 *Discussion*

11:30 *End of the workshop*

ECOSEP

Sunday 4th - 13:30-14:30 - FLEXIBOX 1
Sports On field Trauma Emergency

Chair Ghrairi M (UAE), Tsapralis K (GRE)

13:30 **On field injured athlete's assessment** Pakravan A (UK)

13:40 **Loss of consciousness is not always a concussion** Malliaropoulos N (GRE)

13:50 **Traumatic patellar instability** Maffulli N (ITA)

14:00 **Orofacial trauma in football** Stamos A (GRE)

14:10 *Discussion*

14:30 *End of the workshop*

SETRADE

Sunday 4th - 14:00-15:00 - CLUB NORTE
Concussion in Football

With the collaboration of AEMEF and sponsored by AS&NL

Chairs Álvarez G (ESP), Puigdemívil J (ESP)

14:00 **Welcome**

14:05 **Update concussion & Rugby Experience - Concepts and medical management - RTP post concussion** Mendia L (ESP)

14:21 **New rules in football** Yanguas J (ESP)

14:29 **Clinical cases in flash** Villalón JM, Til L, De La Torre A, Arriaza R, Drobnic F

14:34 **Debate on the cases and controversy** González JC, Villalón JM, Drobnic F, Mendia L, Yanguas J, Til L, de la Torre A

14:50 **Nutrition and Supplementation** Drobnic F (ESP)

15:00 *End of the workshop*

APTISSEN

Sunday 4th - 14:00-15:00 - FLEXIBOX 2
Aptissen Academy - How can orthobiologic treatments enhance the therapy in professional athletes?

Chair Cohen C (BRA)

14:00 **Welcome**

14:05 **The panel will hold a Round Table on how can orthobiologic treatments enhance the therapy in professional athletes** Lasmar R (BRA), Gobbi A (ITA), Catalá-Lehnen P (GER)

15:00 *End of the workshop*

**SPORTS
DENTISTRY**

Sunday 4th - 15:30-16:30 - FLEXIBOX 2
Mouth-body connection and Sports Dentistry

Chair Angeles García López M (ESP)

15:30 **Welcome**

15:35 **Shoulder pain related to oral disorders: SPOD Syndrome** Angeles García López M (ESP)

15:45 **Beyond Protection: neuromuscular testing for performance optimization in elite athletes using mouthguards** Vilahur C (ESP)

15:55 **Beyond Protection: the evolving role of custom-made mouthguards in sports performance and recovery** Ferreira D (POR)

16:05 **The oral cavity as a key player in performance: the role of the Sports Dentist within the interdisciplinary team** Júdece A (POR), Brandao D (POR)

16:15 *Discussion*

16:30 *End of the workshop*

SIMI

Sunday 4th - 17:00-18:00 - FLEXIBOX 2
Reality Motion System

17:00 **Welcome**

17:05 **Innovation in AI-based 3D Markerless Motion Capture Technology for Sports** Schneider T (GER)

17:20 **Innovation in ACL injury risk detection: Automatic Test-Protocols based on markerless technology** Blobel T (GER)

17:35 **Innovation in muscle injury risk detection: Automatic screening based on markerless technology** Jordanov D (ESP)

17:50 *Discussion*

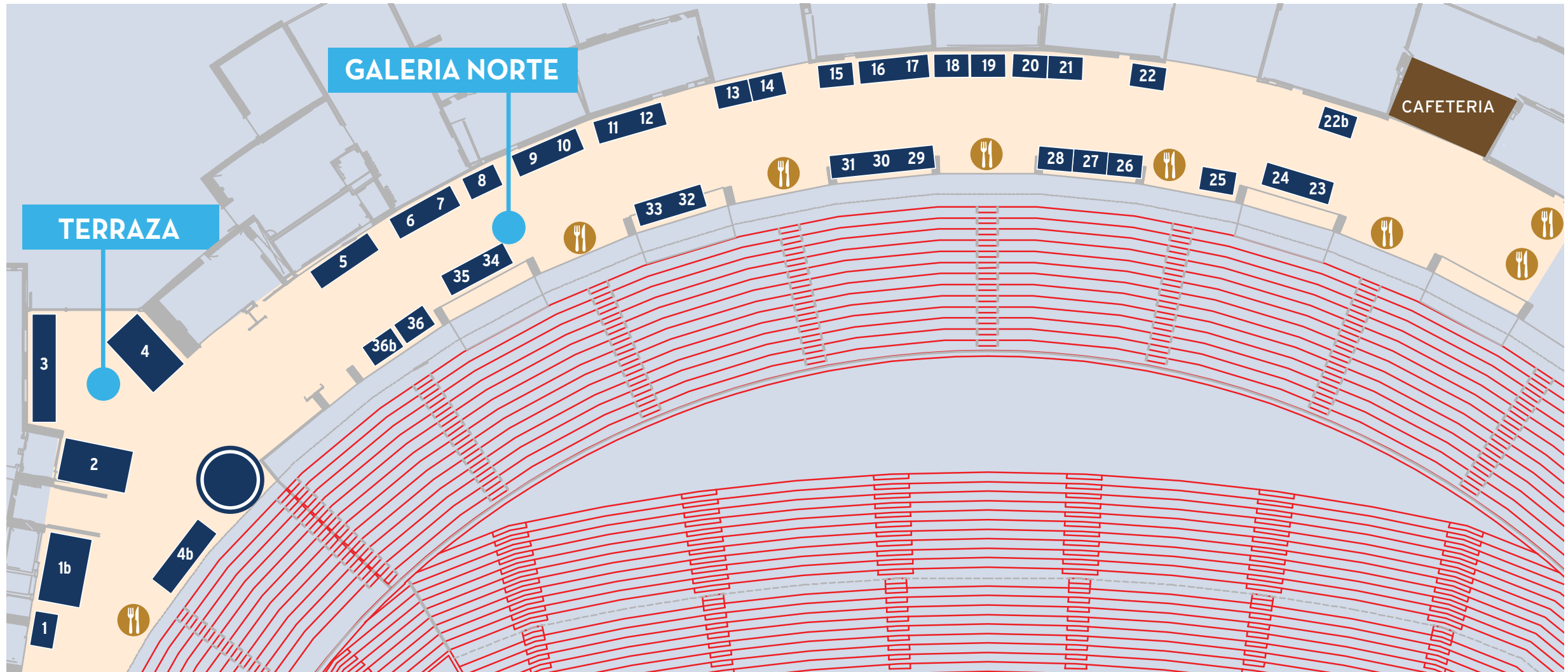
18:00 *End of the workshop*

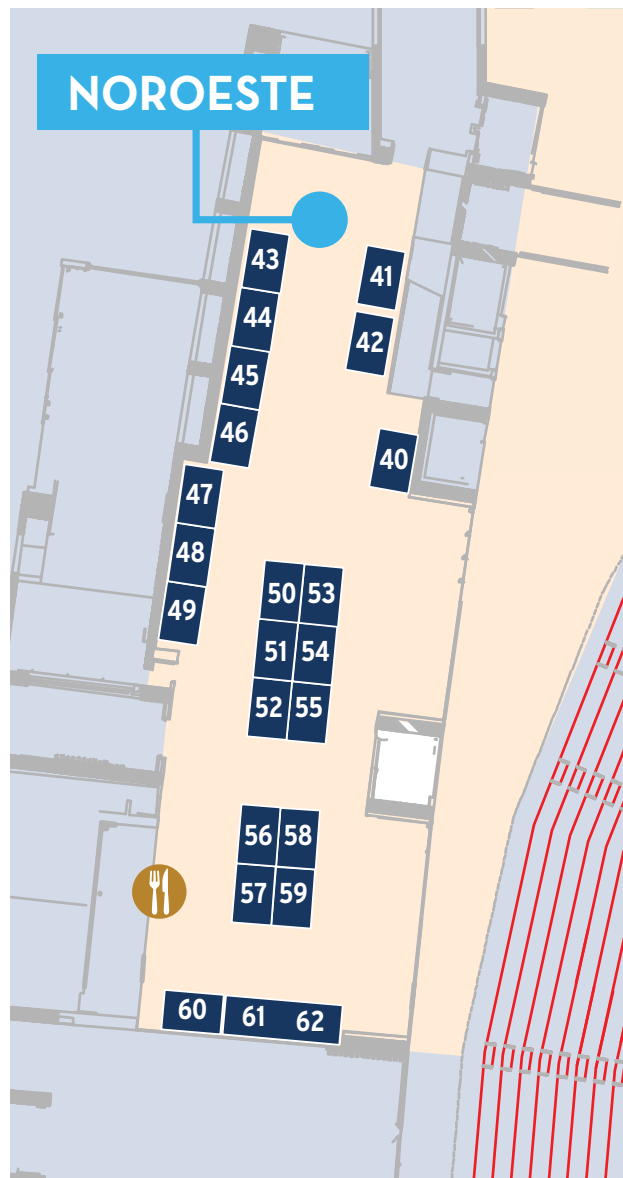
TERRAZA

-  ISOKINETIC POINT
- 1** H-RIG
- 1b** TECHNOGYM
- 2+3** FIDIA
- 4** MASTELLI
- 4b** ARTHREX

GALERIA NORTE

- | | | | |
|-------------------------|------------------------|--------------------------------------|---------------------------------|
| 5 APTISSEN | 15 UTC | 22b ICRS | 32+33 VALD |
| 6+7 AVANOS | 16+17 BIOVENTUS | 23+24 PHARMANUTRA | 34+35 HAWKIN |
| 8 STORZ | 18 IGEA | 25 REGENLAB | 36 SCRIBE PRO TEAM |
| 9+10 MDT'SA | 19 GUNA | 26 PHOTONSPORTS | 36b ISOKINETIC VIRTUAL + |
| 11+12 KINVENT | 20 MYOCENE | 27 MDURANCE | |
| 13 ESTAR MEDICAL | 21 SOLUTEX | 28 ORYX
Movement Solutions | |
| 14 HUR | 22 MEDTECH | 29+30+31 TRB CHEMEDICA | |





40	EASYTECH
41	USONO
42	POLARCOOL
43	BASEM
44	I-BRAIN
45	GYMNA
46	BAUERFEIND
47	KANGATECH
48	PAVIGYM
49	OLYMPIA QUIRON SALUD
50	PODOACTIVA
51	OUTPUT SPORTS
52	1080 MOTION
53	INERCIAL
54	NICE
55	INCREDIWEAR
56	DAWAKO
57	CRYO CONTROL
58	THERMOHUMAN
59	SOCCER SYSTEM PRO
60	ZAMAR
61+62	VITRONIC

And the Winner is...

COME TO THE TRIBUNA ON SUNDAY AT 16:30 AND DISCOVER THE AUTHORS OF THE BEST ABSTRACTS!

BEST WOMEN'S FOOTBALL PAPER

NEW

AWARD

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BEST ACL PAPER

NEW

AWARD

Winner
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AWARDS

1st place € 1500
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3rd place € 500

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