XXVII Isokinetic Medical Group Conference

Football Medicine Outcomes

ARE WE WINNING?

Camp Nou, Barcelona - 2nd, 3rd, 4th June 2018

Hosted by:

Scientific Programme
Dear colleagues and friends, it is our great pleasure to welcome you to the 27th Isokinetic Medical Group Conference. This is a unique opportunity to join the Football Medicine Community all in one place.

Stefano Della Villa  Josep Maria Bartomeu

Camp Nou Stadium, Barcelona

WELCOME
2nd, 3rd, 4th June 2018

Dear colleagues and friends, it is our great pleasure to welcome you to the 27th Isokinetic Medical Group Conference. This is a unique opportunity to join the Football Medicine Community all in one place.

Stefano Della Villa  Josep Maria Bartomeu

Camp Nou Stadium, Barcelona

Football Medicine Outcomes ARE WE WINNING?

Come join the game to understand if the Football Medicine Community is really winning the battle with football injuries. The image of the golden ball suggests we are on the right path. Understand more, and find out with us!

3000 attendees, 95 countries, 220 leading experts
Our main focus is treating the patients with a multidisciplinary team approach: teamwork between sports medicine physicians, physiotherapists, hydrotherapists, rehabilitation specialists, sports scientists, osteopaths and chiropractors. We treat around 11,000 patients each year with a range of different injuries, across many sporting levels. Our therapeutic ambition is based on exercise as medicine and we adopt a holistic approach including acute injury management, hydrotherapy, targeted neuromuscular training, sport specific reconditioning and on-field rehabilitation. We firmly believe in providing objectivity to the rehabilitation process by performing a number of functional evaluations including the isokinetic test, threshold test and movement analysis test (MAT). Our goal is a positive outcome for the patient.

Isokinetic Medical Group’s “cultural heart” is its Education and Research Department, whose goal is to share KNOW-HOW across all of our 8 clinics. There is an ever increasing wealth of knowledge, both from scientific research articles and CASE HISTORIES submitted by doctors from all over the world. This data set is supplemented from within our group of practitioners. Our RESEARCH AND DEVELOPMENT activity aims to translate new findings into practice and study patient outcomes to improve our treatment approach. We feel a strong commitment to participating in SCIENTIFIC ACTIVITIES: from organising the biggest Football Medicine Conference in the world, through to publishing papers and books. Additionally, we have strong INTERNATIONAL CONNECTIONS with scientific associations. Through a focus on high performance culture, we challenge our whole team to pursue daily excellence and provide them with comprehensive TRAINING and UPDATING programmes.
Barça Innovation Hub aims to be the worldwide number one sports industry center for knowledge and innovation, with the idea of creating value both for the Club and society in general. This is the project that enables the Club to innovate, generate, attract, manage and share both its own and external knowledge. The main goal is to promote a culture of excellence and collaboration with prestigious brands, universities, research centres, start-ups, entrepreneurs, students, athletes, investors, and visionaries around the world, attracting the best international talent and promoting an open and collaborative culture.

**ACQUIRE, GENERATE & SHARE**
Knowledge

**CO-DEVELOP, TEST & LAUNCH**
New products and services

**PROMOTE & FACILITATE**
A relevant ecosystem

**MEDICAL SERVICES & WELLNESS**

**TEAM SPORTS PERFORMANCE**

**SMART FACILITIES**

**FAN ENGAGEMENT**

**SOCIAL IMPACT**
Camp Nou - Conference Area

PRESIDENTS
Josep Maria Bartomeu
Stefano Della Villa

SCIENTIFIC BOARD
Peter Brukner
Karim Khan
Gil Rodas
Giulio Sergio Roi

CONFERENCE TEAM
Emanuela De Col
Laura Della Villa
Margherita Ricci
Alexia Sotiropoulou
Cristina Zanetti

ISOKINETIC POINT
Information desk

Main entrance 7
Secondary entrance 9
Registration
Secondary entrance 15

EXHIBIT AREA
Sponsor spaces

1st floor
2nd floor
0 ground
-1st floor

AUDITORI
Invited speaker sessions

TRIBUNA
Invited speaker sessions

ROMA ROOM
Free Oral Presentations

FUNDACIÓ
Workshops

POSTER AREA
Free Poster presentations

PRESS
Best case report contest Workshops

@footballmed
Football Medicine Strategies
@isokinetic_officialpage
Football Medicine Strategies
conference@isokinetic.com
footballmedicinestrategies.com
isokinetic.com

hosted by:
BARÇA INNOVATION HUB

ISOKINETIC MEDICAL GROUP
FIFA
MEDICAL CENTRE OF EXCELLENCE
One shot Scientific Programme

Football Medicine part 1
- Winning outcomes for world class players
- Injury Prevention: are we winning?
- Anterior Cruciate Ligament frontier: state of the art
- Short, medium and long-term outcomes for knees
- Lateral ankle instability leads to less goals scored in the season
- Treatment and tendinopathy: the game is still open
- On and off field management of Concussion

Football Medicine part 2
- Findings from UEFA Champions League studies
- Hip outcomes: are we intervening too much?
- A new horizon for groin pain management
- Is it possible to improve hamstring injury outcomes?
- Improve outcomes in muscle injuries with exercise and on field rehab
- Can we win? Perspectives of the leaders of the future
- Less surgery and more rehab in Sports Medicine?
- Managing meniscal injuries for improved outcomes
- How to improve outcomes of cartilage lesions and early OA
- Regenerative Medicine Outcomes: are we winning?

ACL Symposium: Return to Football
- From the football pitch and back again
- Rehabilitation, reconditioning, return to play
- Fighting the high risk of second ACL injury in young athletes
- ACL injuries outcomes in women's football

Sports Science Summit: Football Performance Innovation
- Player Monitoring
- Impacting Practice through Data Science
- Nutrition & Injury
- Youth to Senior: Performance & Wellbeing

New Research & Contest
- Free oral papers on Football Medicine
- Free oral papers on “Learning from other sports”
- Poster presentations on Football Medicine
- Poster presentations on “Learning from other sports”
- Best case report award on “Return to Play”

Parallel Workshops
- Scientific Societies’ Focus Meetings
- Sports Technology workshops

From the football pitch and back again
Rehabilitation, reconditioning, return to play
Fighting the high risk of second ACL injury in young athletes
ACL injuries outcomes in women's football
Scientific Programme
Saturday 2nd June 2018 - Morning

Winning outcomes for world class players
Chairs: Della Villa S (ITA), D’Hooghe M (BEL)

09:15 Winning two consecutive Champions League titles after a serious quadriceps injury
Olmo J (ESP)

09:30 The two careers of a World Cup winner: before and after disc surgery
Tencone F (ITA)

09:45 Accelerated bone healing before the UEFA 2016 European Championships
Houghton J (UK)

10:00 Return to play eleven weeks after ACL surgery before the World Cup 2002
Zaffagnini S (ITA)

10:15 Winning all football titles after non-operative treatment of a tendon avulsion
Ueblacker P (GER)

10:30 Discussion

11:00 Coffee Break

Injury Prevention: are we winning?
Chairs: Bahr R (NOR), Dvorak J (SUI)

11:30 Introduction: Prevention - are we winning?
Bahr R (NOR)

11:35 Hamstring injuries - how can we win?
Thorborg K (DEN)

11:45 Groin injuries - how can we win? Hardy J (NOR)

11:55 Knee injuries - how can we win? Walden M (SWE)

12:05 Concussion - how can we win? Dvorak J (SUI)

12:15 Real-world implementation - are we winning?
O’Brien J (AUT)

12:30 Real-world implementation - how can we win?
Ekstrand J (SWE)

12:45 Discussion

13:00 Lunch Break

Scientific Programme
Saturday 2nd June 2018 - Afternoon

Anterior Cruciate Ligament Frontier: State of the Art
Chairs: Gillogly S (QAT), Zorzi C (ITA)

14:30 ACLR Outcomes - Where the bar needs to be set in 2018
Sonnery-Cottet B (FRA)

14:45 Bone Patella Tendon: the work horse
Williams A (UK)

15:00 The Quadriceps Tendon. The new player why?
Pombo M (USA)

15:15 How to minimize risk and potentiate the result in ACL
Espregueira-Mendes J (POR)

15:30 We are not winning if we accept close enough
Knowles B (USA)

15:45 Discussion

16:00 Break

Short, medium and long-term outcomes for knees
Chairs: Karlsson J (SWE), Sweetnam D (UK)

16:30 Does no difference really means no difference?
Fu F (USA)

16:45 How to minimize risk and potentiate the result in ACL
Espregueira-Mendes J (POR)

17:00 We are not winning if we accept close enough
Knowles B (USA)

17:15 MCL: conservative and surgical outcomes
Haddad F (UK)

17:30 Long term winning: prevention of osteoarthritis
Neyret P (FRA)

17:45 Discussion

18:00 End of the day
**Scientific Programme**  
**Saturday 2nd June 2018 - Morning**

**Lateral ankle instability leads to less goals scored in the season**

Chairs: Benazzo F (ITA), Nikolaou P (GRE)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30</td>
<td>Anatomy of the lateral ankle ligaments</td>
</tr>
<tr>
<td></td>
<td>Dalmau M (ESP)</td>
</tr>
<tr>
<td>11:45</td>
<td>Giving way in a stable ankle... how to treat?</td>
</tr>
<tr>
<td></td>
<td>Kerkhoffs G (NED)</td>
</tr>
<tr>
<td>12:00</td>
<td>Is arthroscopic treatment the best to treat</td>
</tr>
<tr>
<td></td>
<td>lateral ligament instability? D’Hooghe P (QAT)</td>
</tr>
<tr>
<td>12:15</td>
<td>Open surgery for lateral ankle instability</td>
</tr>
<tr>
<td></td>
<td>still the gold standard in football Calder J (UK)</td>
</tr>
<tr>
<td>12:30</td>
<td>Lateral ankle instability in NYC:</td>
</tr>
<tr>
<td></td>
<td>this is how we do it! Kennedy J (USA)</td>
</tr>
<tr>
<td>12:45</td>
<td>Discussion</td>
</tr>
<tr>
<td>13:00</td>
<td>Lunch Break</td>
</tr>
</tbody>
</table>

**Scientific Programme**  
**Saturday 2nd June 2018 - Afternoon**

**Treatment and tendinopathy: the game is still open**

Chairs: Jones H (POR), Schneider C (GER)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:30</td>
<td>The field - Understanding tendinopathies:</td>
</tr>
<tr>
<td></td>
<td>etiopathology and treatment rationale</td>
</tr>
<tr>
<td></td>
<td>Cook J (AUS)</td>
</tr>
<tr>
<td>14:45</td>
<td>Game 1 - Traditional treatment vs biologics</td>
</tr>
<tr>
<td></td>
<td>for plantar fasciitis Maffulli N (ITA)</td>
</tr>
<tr>
<td>15:00</td>
<td>Game 2 - Traditional treatment vs biologics</td>
</tr>
<tr>
<td></td>
<td>for Achilles tendinopathy Alfredson H (SWE)</td>
</tr>
<tr>
<td>15:15</td>
<td>Game 3 - Traditional treatment vs biologics</td>
</tr>
<tr>
<td></td>
<td>for patellar tendinopathy Filardo G (ITA)</td>
</tr>
<tr>
<td>15:30</td>
<td>Exercise: your reliable teammate for any</td>
</tr>
<tr>
<td></td>
<td>treatment Whiteley R (QAT)</td>
</tr>
<tr>
<td>15:45</td>
<td>Discussion</td>
</tr>
<tr>
<td>16:00</td>
<td>Break</td>
</tr>
</tbody>
</table>

**On and off field management of Concussion**

Chairs: Edwards T (NZL), Pedrinelli A (BRA)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:30</td>
<td>Introduction to the topic Dvorak J (SUI)</td>
</tr>
<tr>
<td>16:45</td>
<td>Concussion recognition tool, Scat S</td>
</tr>
<tr>
<td></td>
<td>Putukian M (USA)</td>
</tr>
<tr>
<td>17:00</td>
<td>Neurological and neuro-otological exam</td>
</tr>
<tr>
<td></td>
<td>Feddernann N (SUI)</td>
</tr>
<tr>
<td>17:15</td>
<td>Rehabilitation and treatment strategies</td>
</tr>
<tr>
<td></td>
<td>Bizniz M (SUI)</td>
</tr>
<tr>
<td>17:30</td>
<td>What we need from the officials? Are we</td>
</tr>
<tr>
<td></td>
<td>winning? Dvorak J (SUI)</td>
</tr>
<tr>
<td>17:45</td>
<td>Discussion</td>
</tr>
<tr>
<td>18:00</td>
<td>End of the day</td>
</tr>
</tbody>
</table>
Scientific Programme
Sunday 3rd June 2018 - Morning

Findings from UEFA Champions League studies
Chairs Cohen M (BRA), Serratosa L (ESP)
08:30 Injury prevention in elite football - are we winning?
Injury burden as an outcome measure Ekstrand J (SWE)
08:45 Understanding the basis of success: which injury variables correlate to performance? Häggblund M (SWE)
09:00 Which outcome measures are the most important for safe RTP after ACLR? Surgeon? Graf? Rehab? Player mentality? Walden M (SWE)
09:15 How can we help coaches reduce the risk of muscle injuries? Bengtsson H (SWE)
09:30 Winning trophies is the ultimate goal at elite level. Key factors to achieve Davison M (UK)
09:45 Discussion
10:00 End of the Session

Hip outcomes: are we intervening too much?
Chairs Batty P (UK), Beasley I (UK)
10:00 Hip experience from UEFA Champions League Clubs Puga N (POR)
10:15 Choosing the right patient and working as a team Griffin D (UK)
10:30 The role of imaging in the management process Healy J (UK)
10:45 Practical tips to improve outcomes through conservative management Holmich P (DEN)
11:00 The football hip: rehabilitation strategies Fevre D (UK)
11:15 Discussion
11:30 Coffee Break

A new horizon for groin pain management
Chairs English B (UK), Schilders E (UK)
12:00 Differential diagnosis and pathways for enhanced outcomes of groin pathologies Weir A (NED)
12:15 Navigating the groin triangle through movement analysis Franklyn-Miller A (IRL)
12:30 How to maximise outcomes when pursuing the surgical route Muschaweck U (GER)
12:45 Groin pain: the Chelsea Football Club experience Fearn J (UK)
13:00 Hip and groin exercises Marconato A (UK)
13:15 Discussion
13:30 Lunch Break

Is it possible to improve hamstring outcomes with exercise and on field rehab
Chairs Pruna R (ESP), Theos C (GRE)
17:00 Classification of muscle injuries to guide management Pollock N (UK)
17:15 What can the MRI tell us about muscle injuries? Connell D (AUS)
17:30 Clinical assessment of muscle injuries Van Dyk N (QAT)
17:45 Using exercise in muscle treatments Askling C (SWE)
18:00 On field rehabilitation and return to performance after muscle injuries Glasgow P (IRL)
18:15 Discussion
18:30 End of the day

Scientific Programme
Sunday 3rd June 2018 - Afternoon

Best case report award ceremony
16:30-17:00
Judges Brukner P (AUS), Delcogliano A (ITA), Olmo J (ESP), Peterson L (SWE)
Guest Grabowski R (POL) winner of best case report contest 2017

Improve outcomes in muscle injuries with exercise and on field rehab
Chairs Pruna R (ESP), Theos C (GRE)
17:00 Classification of muscle injuries to guide management Pollock N (UK)
17:15 What can the MRI tell us about muscle injuries? Connell D (AUS)
17:30 Clinical assessment of muscle injuries Van Dyk N (QAT)
17:45 Using exercise in muscle treatments Askling C (SWE)
18:00 On field rehabilitation and return to performance after muscle injuries Glasgow P (IRL)
18:15 Discussion
18:30 End of the day
Can we win? Perspectives of the leaders of the future
Chairs: Salzmann G (SUI), Sas K (BEL)
08:30 Mental aspect: from the perspective of the player's union
Gouttebarge V (NED)
08:45 The patello femoral cartilage: from the perspective of the upcoming orthopaedic surgeon
Panics G (HUN)
09:00 The groin: from the perspective of the clinical researcher
Serner A (QAT)
09:15 Are we winning? Are we evolving? The perspective of a football doctor about muscle injuries
Varandas F (POR)
09:30 The load monitoring: from the perspective of a coach
Requena B (ESP)
09:45 Discussion
10:00 End of the Session

Less surgery and more rehab in Sports Medicine?
Chairs: Ardern C (SWE), Pigozzi F (ITA)
10:00 Is non-surgical ACL treatment a reasonable option for active, young people? Ross E (DEN)
10:15 Do we have enough evidence to abandon partial meniscectomy? Jarvinen T (FIN)
10:30 Can surgery myths: why straight to surgery should be a straight red card
Agricola R (NED)
10:45 Treating the football player with femoroacetabular impingement: eat, sleep, optimal load, repeat
Kemp J (AUS)
11:00 Is non-surgical treatment the best option for spondylolysis? Fahy D (UK)
11:15 Discussion
11:30 Coffee Break

Managing meniscal injuries for improved outcomes
Chairs: Angele P (GER), Denti M (ITA)
12:00 Return to play after medial and lateral meniscus injuries Ball S (UK)
12:15 Why repair - decision making in the sportsman?
von Bormann R (RSA)
12:30 Meniscus repair techniques Erggelet C (SUI)
12:45 What to do when the meniscus is lost
Spalding T (UK)
13:00 What exercises do what to the knee Zanobbi M (UK)
13:15 Discussion
13:30 Lunch Break

How to improve outcomes of cartilage lesions and early OA
Chairs: Guillen P (ESP), Rosa D (ITA)
15:00 Conservative or surgical solutions for cartilage lesions in athletes Zaslav K (USA)
15:15 Use of BMAC combined with hyaluronan based scaffold for early OA in athletes Gobbi A (ITA)
15:30 Bone marrow edema treatment Kon E (ITA)
15:45 Cartilage repair surgery outcomes in high demand athletes: what is the evidence? Williams R (USA)
16:00 Early osteoarthritis in end-career athletes Papalia R (ITA)
16:15 Discussion
16:30 Break

Regenerative Medicine outcomes: are we winning?
Chairs: De Girolamo L (ITA), Peretti G (ITA)
17:00 Regenerative medicine in musculoskeletal system: from chaos to an absolute order Correa D (USA)
17:15 PRP-based regenerative outcomes Cugat R (ESP)
17:30 Expanded BMSC in early OA Peirau X (ESP)
17:45 Expanded ASC in OA + BMAC Jorgensen C (FRA)
18:00 Imaging based measures for reliable evaluation of clinical outcomes: a focus on the musculoskeletal system Turmezei T (UK)
18:15 Discussion
18:30 End of the day
 Scientific Programme

**Monday 4th June 2018**

**TRIBUNA**

### The ACL return to football symposium

**Chairs:** Nathwani D (UK), Seil R (LUX)

08:30 The most common playing situations leading to ACL injury in male professional football
- Andersen TE (NOR)

08:45 The evolution of ACL injury management over the last decades
- Reider B (USA)

09:00 ACL injury management in adolescent footballers
- Grindem H (NOR)

09:15 Biological considerations after ACL reconstruction: the ligamentisation process
- Class S (BEL)

09:30 Functional aspects: progressively adding the optimal stimuli to improve outcomes
- Knowles B (USA)

10:45 Discussion

10:00 End of the Session

#### Rehabilitation, reconditioning, return to play

**Chairs:** Krutsch W (GER), Meleagti G (ITA)

10:00 Criterion based rehabilitation guidelines after ACL reconstruction
- Berruto M (ITA)

10:15 Combining hydrotherapy and gym exercises during the rehabilitation phases
- Clancy D (UK)

10:30 Progressive loading and management during the on-field reconditioning
- Buckthorpe M (ITA)

10:45 Body and mind in balance: helping players achieve readiness for Return to Play
- Arundale A (SWE)

11:00 Return to play: are we really achieving good results and focusing on the correct variables?
- Witvrouw E (BEL)

11:15 Discussion

11:30 Coffee Break

### Fighting the high risk of second ACL injury in young athletes

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

12:00 The re-injury risk in adult and young populations
- Webster K (AUS)

12:15 Understanding the biomechanics of ACL injuries
- Hewett T (USA)

12:30 Qualitative movement analysis testing and targeted neuromuscular training
- Dellia Villa F (USA)

12:45 Key components of ACL rehab to prevent re-injuries
- Arundale A (SWE)

13:00 Preventing and managing secondary injuries in the young: the orthopaedic perspective
- Saris D (USA)

13:15 Discussion

13:30 Lunch Break

### ACL injuries outcomes in women's football

**Chairs:** Millson H (RSA), Servien E (FRA)

14:30 What are the differences between men's and women's football?
- Geertsema C (QAT)

14:45 Conservative and surgical management of ACL deficient knees in women's football
- Grindem H (NOR)

15:00 Primary and secondary prevention in female footballers
- Silvers H (USA)

15:15 Managing patello femoral pain in female athletes
- Culvenor A (AUS)

15:30 ACL rehabilitation and return to sport in women's football
- Hambly K (RSA)

15:45 Discussion

16:00 End of the Conference

---

**Scientific Programme**

**Monday 4th June 2018**

**AUDITORI**

### Football Performance Innovation: Are We Winning?

**Chairs:** Eirale C (QAT), Roberts C (UK)

08:30 Where is the impact in player monitoring?
- Duport G (FRA)

08:45 Understanding player loading in a club environment
- Burgess D (UK)

09:00 Player load. Are we measuring what we think we are measuring?
- Vanrenterghem J (BEL)

09:15 How well are we monitoring player wellness?
- Gregson W (QAT)

09:30 Monitoring the injured player
- Gimpel M (UK)

09:45 Discussion

10:00 End of the Session

#### Impacting Practice through Data Science

**Chairs:** Bangsbo J (DEN), Rodas G (ESP)

10:00 Hot topics in football data science
- Atkinson G (UK)

10:15 Big Data applications in reality
- Lisboa F (PRT)

10:30 Application of Big Data Techniques - Example 1
- Ruiz H (ESP)

10:45 Application of Big Data Techniques - Example 2
- Newell J (IRL)

11:00 Player tracking methods in FC Barcelona
- Reche X (ESP)

11:15 Discussion

11:30 Coffee Break

### Nutrition & Injury

**Chairs:** McCall A (UK), Medina D (USA)

12:00 UEFA Consensus on Nutrition
- Collins J (UK)

12:15 Nutrition and injury - is collagen the answer?
- Baar K (USA)

12:30 What's all the fuss about Vitamin D?
- Close G (UK)

12:45 Nutrition for the injured athlete - what can we learn from case studies?
- Morton J (UK)

13:00 Practical considerations on nutrition inside a club environment
- Jeukendrup A (UK)

13:15 Discussion

13:30 Lunch Break

### Youth to Senior: Performance & Wellbeing

**Chairs:** Cowie C (UK), Terrados N (ESP)

14:30 The landscape of mental wellbeing in footballers
- Luthardt C (GER)

14:45 Adopting a new model of mental stress management in transition to first team football
- Luthardt C (GER)

15:00 Practical sports psychology tools to support performance outcomes
- Ransom D (UK)

15:15 Talent development and mindset
- Langagergaard M (DEN)

15:30 Discussion

16:00 End of the Conference

---

**Nutrition & Injury**

- **Chairs:** McCall A (UK), Medina D (USA)
  - **12:00** UEFA Consensus on Nutrition
  - **12:15** Nutrition and injury - is collagen the answer?
  - **12:30** What's all the fuss about Vitamin D?
  - **12:45** Nutrition for the injured athlete - what can we learn from case studies?
  - **13:00** Practical considerations on nutrition inside a club environment

**Youth to Senior: Performance & Wellbeing**

- **Chairs:** Cowie C (UK), Terrados N (ESP)
  - **14:30** The landscape of mental wellbeing in footballers
  - **14:45** Adopting a new model of mental stress management in transition to first team football
  - **15:00** Practical sports psychology tools to support performance outcomes
  - **15:15** Talent development and mindset
**Free Oral Communications**

**Saturday 2nd June 2018**
- **Epidemiology**
  - Chairs: Nanni G (ITA), Tsouroudis N (GRE)
- **Female football players**
  - Chairs: Herrera H (ESP), Vannini F (ITA)
- **Medical Issues**
  - Chairs: Baluš R (ESP), Terrados N (ESP)
- **Biomechanics**
  - Chairs: Boldrini L (ITA), Tamisari A (ITA)
- **Case reports Contest**
  - Chairs: Brozzo E (ITA), Stride M (UK)
- **Case Reports orthopaedics**
  - Chairs: Respizzi S (ITA), Quaglia F (ITA)
- **Functional Assessment**
  - Chairs: Galilea P (ESP), Roi GS (ITA)
- **Joint Injuries**
  - Chairs: d’Orsi G (ITA), Praticò S (ITA)
- **Muscle and Tendon Injuries**
  - Chairs: Frizziero A (ITA), Til Perez L (POR)
- **Outcomes**
  - Chairs: Machì M (ITA), Jones C (UK)
- **Prevention**
  - Chairs: Tomaello L (ITA), Turmo A (ESP)

**Sunday 3rd June 2018**
- **News in orthopedic surgery**
  - Chairs: Ardevol Cuesta J (ESP), De Carli A (ITA)
- **Case Reports orthopaedics**
  - Chairs: Axe M (USA), Ayala Mejias J (ESP)
- **Orthopedic Surgery**
  - Chairs: Canata G (ITA), Pereira H (POR)
- **ACL injuries**
  - Chairs: Madonna V (ITA), Puigdellivol J (ESP)
- **Lessons from other sports**
  - Chairs: Papacostas E (GRE), Tsapralis K (ITA)
- **Neuromotor training and re-training**
  - Chairs: Drobnic F (ESP), Susta D (IRL)
- **News in diagnosis**
  - Chairs: Padron M (ESP), Zunarelli PP (ITA)
- **Case reports**
  - Chairs: Smith G (UK), Valle X (ESP)
- **Manual Therapies**
  - Chairs: Bhullar D (UK), Diquigiovanni A (ITA)

**Monday 4th June 2018**
- **Neuromotor training and re-training**
  - Chairs: Drobnic F (ESP), Susta D (IRL)
- **News in diagnosis**
  - Chairs: Padron M (ESP), Zunarelli PP (ITA)
- **Case reports**
  - Chairs: Smith G (UK), Valle X (ESP)
- **Manual Therapies**
  - Chairs: Bhullar D (UK), Diquigiovanni A (ITA)

**PRESS ROOM**
**Sunday 3rd June 2018**
- **Contest: best case report award**
  - First Session 10:00, Second Session 12:00

**Free Poster Communications**

**Saturday 2nd June 2018**
- **Biomechanics**
  - Chairs: Boldrini L (ITA), Tamisari A (ITA)
- **Case reports Contest**
  - Chairs: Brozzo E (ITA), Stride M (UK)
- **Case Reports orthopaedics**
  - Chairs: Respizzi S (ITA), Quaglia F (ITA)
- **Functional Assessment**
  - Chairs: Galilea P (ESP), Roi GS (ITA)
- **Joint Injuries**
  - Chairs: d’Orsi G (ITA), Praticò S (ITA)
- **Muscle and Tendon Injuries**
  - Chairs: Frizziero A (ITA), Til Perez L (POR)

**Sunday 3rd June 2018**
- **Outcomes**
  - Chairs: Machì M (ITA), Jones C (UK)
- **Prevention**
  - Chairs: Tomaello L (ITA), Turmo A (ESP)
- **Lessons from other sports**
  - Chairs: Danelon F (ITA), Manonelles P (ESP)
- **Young football players**
  - Chairs: Broman D (UK), Sisca G (ITA)
- **Monitoring athlete workloads**
  - Chairs: Buckthorpe M (ITA), Freschi M (ITA)
- **Prevention**
  - Chairs: Azzini M (ITA), Gasparre G (ITA)
Adrevo Cuel(Coauthor) (ESP) (Orthopaedic Surgeon, Past President of ESTRACE and President of the Scientific Committee of ESTRACE)

Arndt Keilig (KSJ) (Orthopedic Surgeon, Past Doctoral Research Fellow, Linkoping University)

Asking Carlo Stockholm (SWED) (Researcher and Lecturer the Swedish School of Sport and Health Science)

Atkinner Greg Middagh (UO) (Biostatistician and Health Scientist in Social Care Institute, Teesside University)

Axel Michael Bertacci (KSJ) (Orthopaedic Surgeon & Clinical Professor, University Hospital of Salerno)

Ayala Mejia Antonio (ITA) (Physiotherapist, Isokinetic Medical Group, FMCE - FIFA)

Babke Keith (USA) (Professor of Molecular Exercise Physiology and Director of the Functional Molecular Biology Laboratory, University of California Davis)

Bah Roro Osao (NOR) (Sports Medicine Physician and Professor, Oslo Sports Trauma Research Centre, FMCE - FIFA)

Baltzis Maria E (ESP) (Orthopedic Surgeon, Head of Orthopedics, University of Cordoba)

Barretto Joseph Maria (ITA) (FMCE FC Barcelona President)

Bethley Phil (UK) (Sports Medicine Physician, Isokinetic Medical Group, FMCE - FIFA)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)

Bhullar Dhirindar (NOR) (Sports Medicine Physician, Department of Orthopaedics, University of Oslo, Oslo Sports Trauma Research Center)
For registration please visit www.footballmedicinestrategies.com and fill the online form in the "Registration" section.

**KEY DATES**

**Deadline for submission of Scientific Contributions**
15th January, 2018

**Confirmation of acceptance of Scientific Contributions**
1st March, 2018

**Deadline for early bird registration**
26th March, 2018

**Online registration closes**
29th May, 2018

**TESTIMONIALS**

"This brochure was last updated on the 11th December 2017."