



BEIJING 2022



**OLYMPIC GAMES MEDICAL
MEETINGS**

**OLYMPIC ACADEMIC PROGRAMME
ON SPORT MEDICINE & SPORT
PHYSIOTHERAPY**

29 JANUARY - 20 FEBRUARY 2022





Saturday 29.1.22 - 16:00-17:00 - CdM hall Beijing OLV

Olympic Games preliminary medical meeting

Preliminary medical meeting with key information and Q&A session

Speakers: Beijing 2022, IOC

Zoom URL for those who cannot participate in person:

<https://ioc.zoom.us/j/99324703073>

Thursday 3.2.22 - 14:00-17:00 - CdM hall Beijing OLV

Olympic Games medical meeting

First part (14:00-15:30): Medicine & science

Second part (15:40-17:00): Anti-doping and other regulations

Speakers: Beijing 2022, IOC, ITA

Zoom URL for those who cannot participate in person:

<https://ioc.zoom.us/j/91982923700>

Saturday 5.2.22 - 14:00-15:00 - Virtual

Changes to glucocorticoid use in sport

Speakers: Mark Stuart, Alan Verneq, Lars Engebretsen

Zoom URL: <https://ioc.zoom.us/j/95702427062>

Sunday 6.2.22 - 14:00-15:00 - Virtual

Management of dental and orofacial trauma in winter Olympic sport

Speakers: Paul Piccininni, Anthony Clough, Jean Luc Dion, Francis Clough

Zoom URL: <https://ioc.zoom.us/j/92800751897>

Monday 7.2.22 - 14:00-15:00 - Virtual

Temperatures in the Winter Games - Protecting the athletes' health and performance

Speakers: Wolfgang Schobersberger, Yannis Pitsiladis, Marine Alhammoud, Sebastien Racinais

Zoom URL: <https://ioc.zoom.us/j/95578980800>



Tuesday 8.2.22 - 10:00-11:30 - Virtual

MRI and ultrasound of common athletic shoulder injuries

Speakers: Bruce Forster, Adnan Sheikh, Viviane Khoury

Zoom URL: <https://ioc.zoom.us/j/97631302840>

Wednesday 9.2.22 - 14:00-15:00 - Virtual

The characteristics of injuries in figure skating, short track and speed skating

Speakers: Eunkuk Kim, Jane Moran, Hiroya Sakai, Marieke Becker

Zoom URL: <https://ioc.zoom.us/j/99977451919>

Thursday 10.2.22 - 14:00-15:00 - Virtual

Concussions in ice hockey and practical skills using SCAT5

Speaker: Markku Tuominen

Zoom URL: <https://ioc.zoom.us/j/94426090344>

Friday 11.2.22 - 14:00-15:00 - Virtual

Management of athlete low back pain in winter sports

Speakers: Marie-Elaine Grant, Evert Verhagen

Zoom URL: <https://ioc.zoom.us/j/91787431392>

Saturday 12.2.22 - 14:00-15:00 - Virtual

Practical skills for field of play issues: What knowledge and skills must the physician and PT have?

Speakers: Marie-Elaine Grant, David Zideman

Zoom URL: <https://ioc.zoom.us/j/92363312222>

Sunday 13.2.22 - 14:00-15:00 - Virtual

Medical support and COVID-19 pandemic control for Chinese Olympic athletes

Speakers: Hui Zhan, Jing Li, Jingbin Zhou

Zoom URL: <https://ioc.zoom.us/j/93589562183>



Monday 14.2.22 - 14:00-15:00 - Virtual

Artificial intelligence during Beijing 2022

Speakers: Jian-Xin Zhou, Ruirui Li, Bimeng Jie, Jing Li

Zoom URL: <https://ioc.zoom.us/j/94134638906>

Tuesday 15.2.22 - 14:00-15:00 - Virtual

The prevention of harassment and abuse: Role of the medical entourage

Speakers: Susan Greinig, Kirsty Burrows, Margo Mountjoy

Zoom URL: <https://ioc.zoom.us/j/92752250821>

Wednesday 16.2.22 - 12:00-13:00 - Virtual

The IOC consensus on mental health and a new IOC screening tool (SMHAT-1)

Speakers: Vincent Gouttebauge, Margo Mountjoy, Abhinav Bindra, Carla Edwards

Zoom URL: <https://ioc.zoom.us/j/91789104170>

Thursday 17.2.22 - 16:00-17:00 - CdM hall Beijing OLV

Olympic Games medical debrief meeting

Debrief of the medical services and anti-doping in the Beijing 2022 Olympic Games

Speakers: Beijing 2022, IOC, ITA, participation from NOC and IF medical team members

Zoom URL for those who cannot participate in person:

<https://ioc.zoom.us/j/91982923700>

Friday 18.2.22 - 14:00-15:00 - Virtual

Respiratory viral infections in athletes – known and unknown

Speakers: Maarit Valtonen, ...

Zoom URL: <https://ioc.zoom.us/j/94289401597>

PROGRAMME DETAILS





Olympic Games preliminary medical meeting

Saturday 29.1.22, 16:00 - 17:00, CdM Hall Beijing OLV

Zoom URL for those who cannot participate in person:

<https://ioc.zoom.us/j/99324703073>

Chair: IOC Medical and Scientific Director, Richard Budgett

16:00-16:05 Welcome to Beijing 2022

Richard Budgett - Director, IOC Medical and Scientific Department

Jian-Xin Zhou - Chief Medical Officer, Beijing 2022

16:05-16:15 Medical update

Beijing 2022 MED

16:15-17:00 Questions and Answers

Beijing 2022 MED, IOC Medical and Scientific Department, IOC Medical and Scientific Commission Games Group, including the Chair of Medical Expert Panel



Olympic Games medical meeting

Thursday 3.2.22, 14:00 - 17:00, CdM Hall Beijing OLV

Zoom URL for those who cannot participate in person:

<https://ioc.zoom.us/j/91982923700>

**Chair: IOC Medical and Scientific Commission Chairperson,
Professor Dr Uğur Erdener**

Medicine and Science

14:00-14:10 Welcome to Beijing 2022

Ugur Erdener - Chairperson, IOC Medical and Scientific Commission
Richard Budgett - Director, IOC Medical and Scientific Department
Jian-Xin Zhou - Chief Medical Officer, Beijing 2022

14:10-14:40 The Beijing 2022 Games Health Care

Jian-Xin Zhou, Qi Shiming, Beijing 2022 medical team

14:40-14:55 COVID-19 countermeasures

Brian McCloskey, Pau Mota

14:55-15:00 The IOC Needle and Equipment Policies

Richard Budgett

15:00-15:10 Safeguarding athletes, mental health and IOC offices at the Beijing Polyclinic

Susan Greinig

15:10-15:15 The academic programme in the Beijing Games

Lars Engebretsen

15:15-15:30 Injury and illness surveillance in the Beijing Games

Torbjørn Soligard

Doping Control and other regulations

15:40-15:45 Introduction

IOC

15:45-16:15 General information

Whereabouts & Rooming information

Communication line (ADCOM)

Sport Specific Protocols

Dried Blood Spot testing procedure

Therapeutic Use Exemptions

Reveal

ITA

16:15-16:40 General information on Beijing DOP structure

Covid countermeasures for doping control

Dedicated athletes' transport following doping control

Beijing 2022

16:40-16:50 Questions and answers



Changes to glucocorticoid use in sport

Saturday 5.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/95702427062>

Chair: Mark Stuart

14:00-14:15 Clinical considerations

Lars Engebretsen (Norway/Switzerland)

Head of Scientific Activities, IOC Medical and Scientific department,

lars.engebretsen@medisin.uio.no

14:15-14:30 New WADA rules for 2022

Mark Stuart (UK/Australia)

IOC Medical & Scientific Commission Games Group, markcstuart@gmail.com

14:30-14:45 Practical considerations for Therapeutic Use Exemptions

Alan Vernec (Canada)

Medical Director, World Anti-Doping Agency, alan.vernec@wada-ama.org

14:45-15:00 Discussion and questions

All



Management of dental and orofacial trauma in winter Olympic sport

Sunday 6.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/92800751897>

Chairs: Paul Piccininni, Anthony Clough

14:00-14:15 **Introduction / Identification and management of dental injuries**

Anthony Clough (UK)

Member IOC Medical and Scientific Games Group; afclough@gmail.com

14:15-14:27 **Treatment options for orofacial soft tissue injuries**

Jean Luc Dion (Canada)

Sport Medicine Staff, Quebec Remparts (CHL); drjldion@videotron.ca

14:27-14:39 **Maxillary and mandibular fractures / Prevention of dental injuries**

Paul Piccininni (Canada)

Member IOC Medical and Scientific Games Group, peachtor@aol.com

14:39-14:51 **When can I return to play after a dental injury?**

Francis Clough (UK)

Dental Trauma Consultant, Beijing Olympic Games Ice Hockey, frankclough@gmail.com

14:51-15:00 **Discussion and questions**

All



Cold environments, health and performance

Monday 7.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/95578980800>

Chair: Wolfgang Schobersberger

14:00-14:12 Introduction: a short summary and outlook of sport in a cold environment

Wolfgang Schobersberger (Austria)

Professor in Sports Medicine, Innsbruck; Member IOC Medical and Scientific Games Group;

wolfgang.schobersberger@tirol-kliniken.at

14:12-14:24 Impact of acute and chronic cold exposure on metabolism and performance

Yannis Pitsiladis (UK)

Professor of Sport and Exercise Science, University of Brighton; Member IOC Medical and

Scientific Commission; y.pitsiladis@brighton.ac.uk

14:24-14:36 Injury pattern in elite alpine skiers in the winter and summer

Marine Alhammoud (France)

Medical consultant, Aspetar, Qatar, marinealhammoud@hotmail.com

14:36-14:48 How environmental conditions are affecting elite Alpine skiers: from the lab to the winter Olympics

Sebastien Racinais (France)

Head of research, Aspetar. Qatar, sebastien.racinais@aspetar.com

14:48-15:00 Discussion

All





MRI and ultrasound of common athletic shoulder injuries

Tuesday 8.2.22, 10:00 - 11:30, Virtual:

<https://ioc.zoom.us/j/97631302840>

Chair: Bruce Forster

10:00-10:20 **MR imaging of shoulder instability**

Adnan Sheikh (Canada)

Clinical Associate Professor, UBC Dept of Radiology, adnan.sheikh@vch.ca

10:20-10:40 **Rotator cuff tears on ultrasound: How to diagnose them and pitfalls to avoid**

Viviane Khoury (Canada)

MSK Radiologist, Medvue Medical Imaging, Montreal, viviane.khoury@gmail.com

10:40-11:00 **State of the art imaging of AC and SC joints**

Bruce Forster (Canada)

Professor, UBC Dept of Radiology, and Member IOC Medical and Scientific Games Group,

bruce.forster@ubc.ca

11:00-11:30 **Discussion and questions**

All



The characteristics of injuries in figure skating, short track and speed skating

Wednesday 9.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/99977451919>

Chairs: Eunkuk Kim

14:00-14:15 Ice skating injury surveillance across disciplines

Eunkuk Kim (Republic of Korea)

MD, PhD/ISU medical advisor, eunkuk.kim@gmail.com

14:15-14:30 Common figure and short track skating injuries

Jane Moran (Canada)

MD/Chair of ISU Medical Advisor, jmmoran09@gmail.com

Eunkuk Kim (Republic of Korea)

MD, PhD/ISU medical advisor, eunkuk.kim@gmail.com

14:30-14:45 Efficacy of preventive exercise program for non-contact skating injuries

Eunkuk Kim (Republic of Korea)

MD, PhD/ISU medical advisor, eunkuk.kim@gmail.com

14:45-15:00 Panel discussion and questions

Jane Moran, Hiroya Sakai, Marieke Becker, Eunkuk Kim

ISU medical advisors



Concussions in ice hockey and practical skills using SCAT5

Thursday 10.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/94426090344>

Chairs: Markku Tuominen

14:00-14:45 Concussions in ice hockey and practical skills using SCAT5

Markku Tuominen (Finland)

MD, PhD, Chief Physician, Member of the IIHF Medical Committee, markku.tuominen@medisport.fi

14:45-15:00 Discussion and questions

All



Management of athlete low back pain in winter sports

Friday 11.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/91787431392>

Chairs: Marie-Elaine Grant, Evert Verhagen

14:00-14:05 **Introduction**

Evert Verhagen (Netherlands)

Amsterdam Collaboration on Health & Safety in Sports, Department of Public and Occupational Health, Amsterdam UMC, e.verhagen@amsterdamumc.nl

14:05-14:15 **An athlete's story (video)**

14:15-14:30 **Clinical Management**

Marie-Elaine Grant (Ireland)

IOC Medical and Scientific Commission Games Group, University College Dublin - Institute of Sport & Health, megrant11@icloud.com

14:30-14:40 **Rehabilitation**

Evert Verhagen (Netherlands)

Amsterdam Collaboration on Health & Safety in Sports, Department of Public and Occupational Health, Amsterdam UMC, e.verhagen@amsterdamumc.nl

14:40-14:50 **Return to play**

Marie-Elaine Grant (Ireland)

IOC Medical and Scientific Commission Games Group, University College Dublin - Institute of Sport & Health, megrant11@icloud.com

14:45-15:00 **Questions and answers**

All



Practical skills for field of play issues: What knowledge and skills must the physician and PT have?

Saturday 12.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/92363312222>

Chairs: Marie-Elaine Grant, David Zideman

14:00-14:05 Introduction

David Zideman (UK)

IOC Medical and Scientific Commission Games Group, Thames Valley Air Ambulance, Oxford,

david.zideman@gmail.com

14:05-14:15 Practical skills for the field of play: The key criteria

David Zideman (UK)

**14:15-14:30 Preventing risk of further injury: The multidisciplinary Field of Play team
roles and responsibilities**

Marie-Elaine Grant (Ireland)

IOC Medical and Scientific Commission-Games Group, University College Dublin - Institute of Sport & Health,

megrant11@icloud.com

**14:30-14:40 Setting standards for Field of Play injury prevention: When response time,
technical skills and competence are non-negotiable**

David Zideman (UK)

**14:40-14:50 Preventing adding insult to injury: The importance of FOP in sports-specific
and non-technical skills**

Marie-Elaine Grant (Ireland)

14:50-15:00 Questions and answers

All



Medical support and COVID-19 pandemic control for Chinese Olympic athletes

Sunday 13.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/93589562183>

Chair: Hui Zhan

14:00-14:15 **COVID-19 pandemic control for Chinese athletes preparing and participating for Tokyo 2020**

Hui Zhan (China)

Secretary General, Chinese Association of Sports Medicine; Chief CLO, Chinese Olympic Delegation for Tokyo 2020, zhanhui2003@126.com

14:15-14:30 **Medical care system of Chinese Olympic athletes**

Jing Li (China)

CMO, Chinese Olympic Delegation of Tokyo 2020, lljj8848@sina.com

14:30-14:45 **The treatment strategies and returning to play after ACL injuries for Chinese elite athletes**

Jingbin Zhou (China)

Deputy Secretary General, Chinese Association of Sports Medicine; Director, Sports Injury Department of China National Institute of Sports Medicine, jjingbinzhou@163.com

14:45-15:00 **Discussion and questions**

All





Artificial intelligence during Beijing 2022

Monday 14.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/94134638906>

Chair: Jian-Xin Zhou

14:00-14:15 AI lights up the medical security of 2022 Beijing Winter Olympics Games

Ruirui Li (People's Republic of China)

Professor, Beijing University of Chemical Technology, and Chief Architect in Futong Technology (HK),
ilydouble@gmail.com

14:15-14:30 Intelligent diagnosis and treatment platform for frostbite and maxillofacial trauma based on artificial intelligence in Winter Olympics

Bimeng Jie (People's Republic of China)

MD,DDS, Peking University Hospital and School of Stomatology, jiebimeng0522@163.com

14:30-14:45 Research on emergency medical AI decision support system for 2022 Beijing Winter Olympics Games

Jing Li (People's Republic of China)

Associate Professor, Beijing JiaoTong University, jingli@bjtu.edu.cn

14:45-15:00 Panel discussion

All



The prevention of harassment and abuse: Role of the medical entourage

Tuesday 15.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/92752250821>

Chair: Susan Greinig, Kirsty Burrows, Margo Mountjoy

14:00-14:10 Harassment and abuse in sport: Background & introduction

Susan Greinig (UK/Switzerland)

IOC Medical Programmes Senior Manager, IOC Safeguarding Officer, susan.greinig@olympic.org

14:10-14:20 Scientific background & examples from a medical perspective

Kirsty Burrows (UK)

IOC Deputy Safeguarding Officer, kirsty.burrows@olympic.org

14:20-14:35 Role of the health team entourage: The clinical approach

Margo Mountjoy (Canada)

Professor, McMaster University School of Medicine, IOC Prevention of Harassment & Abuse in Sport Working Group, mmsport@mcmaster.ca

14:35-14:50 Beijing safeguarding and mental health Games-time initiatives

Susan Greinig (UK/Switzerland), Kirsty Burrows (UK)

14:50-15:00 Discussion

All



The IOC consensus on mental health and a new IOC screening tool (SMHAT-1)

Wednesday 16.2.22, 12:00 - 13:00, Virtual:

<https://ioc.zoom.us/j/91789104170>

Chairs: Vincent Gouttebarga, Margo Mountjoy

12:00-12:07 **View of an Olympic Champion**

Abhinav Bindra (India)

Olympic Champion + Member of the IOC Athletes Commission, lg12931@gmail.com

12:07-12:22 **The IOC consensus statement on mental health in elite athletes**

Margo Mountjoy (Canada)

IOC Medical and Scientific Commission Games Group + Member of the IOC Mental Health Working Group, mmsportdoc@mcmaster.ca

12:22-12:37 **Screening for mental health symptoms in elite sports**

Vincent Gouttebarga (Netherlands)

Chair of the IOC Mental Health Working Group, v.gouttebarga@amsterdamumc.nl

12:37-12:52 **Mental health in elite sports: case illustrations**

Carla Edwards (Canada)

High Performance Mental Health Advisor, Sports Psychiatrist - Swimming Canada, Cycling Canada, edwardcd@mcmaster.ca

12:52-13:00 **Questions and answers**

All



Olympic Games medical debrief meeting

Thursday 17.2.22, 16:00 - 17:00, CdM Hall Beijing OLV

Zoom URL for those who cannot participate in person:

<https://ioc.zoom.us/j/91982923700>

**Chair: IOC Medical and Scientific Commission Chairperson,
Professor Dr Uğur Erdener**

16:00-16:05 Welcome

Ugur Erdener - Chairperson, IOC Medical and Scientific Commission
Richard Budgett - Director, IOC Medical and Scientific Department
Jian-Xin Zhou - Chief Medical Officer Beijing 2022

16:05-16:15 Summary of the healthcare provision during the Beijing 2022 Games

Jian-Xin Zhou, Qi Shiming, Beijing 2022 medical team

16:15-16:20 I&I surveillance – preliminary numbers

Lars Engebretsen

16:20-16:35 Feedback time! Menti debrief

Torbjørn Soligard

16:35-16:40 COVID-19 countermeasures

Brian McCloskey, Pau Mota

16:40-16:45 Anti-doping

ITA

16:45-16:55 Discussion and Q&A

IOC

16:55-17:00 Conclusions

IOC



Respiratory viral infections in athletes – known and unknown

Friday 18.2.22, 14:00 - 15:00, Virtual:

<https://ioc.zoom.us/j/94289401597>

Chair: Maarit Valtonen

Full details to come

