

**Online Supplemental Material – File A:** Consensus group panel.

Name/Initial	Nation of Employment/ International Body	Educational Background	Reason for Panel Selection	Role in the Panel	Specific Contributions
<b>Principle Investigator</b>					
Jörg Spörri (JSP)	SUI	Sports and Exercise Scientist	First author and panel chair mandated by FIS	Principal Investigator	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Kerry McGawley (KMG)	SWE	Sports and Exercise Scientist	Second author and general expertise across all snowsports and health considerations	Co-Principal Investigator	5, 6, 7, 8, 9, 10
<b>Subgroup - Snowsport Discipline Specifics</b>					
Matthias Gilgien (MG)	NOR	Sports and Exercise Scientist	Focus on "Alpine/Cross Ski & Snowboard aspects"	S-SDS	4, 5, 6, 10
Caitlin Dios (CD)	USA	Sports and Exercise Scientist	Focus on "Freestyle Ski & Snowboard aspects"	S-SDS	5, 6, 10
Tom Kastner (TK)	GER	Physician; Sports and Exercise Scientist	Focus on "Cross-country Skiing aspects"	S-SDS	5, 6, 10
Oleane Marthea Rebne Stenseth (OMRS)	NOR	Physician	Focus on "Ski Jumping aspects"	S-SDS	5, 6, 10
<b>Subgroup - Application Context Specifics</b>					
Kathrin Wagner (KW)	GER	Sports and Exercise Scientist	Focus on "NSSA health surveillance"	S-ACS	4, 5, 6, 10
Lars Haugvad (LH)	NOR	Physiotherapist	Focus on "NOC health surveillance"	S-ACS	5, 6, 10
Torbjørn Soligard (TS)	IOC	Sports and Exercise Scientist	Focus on "IOC and mass event health surveillance" and panellist of the original IOC consensus statement	S-ACS	5, 6, 10
Gerhard Ruedl (GR)	AUT	Sports and Exercise Scientist	Focus on "ski resorts health surveillance"	S-ACS	5, 6, 10

<b>Subgroup - Level Specifics</b>					
Lisa Steidl-Müller (LSM)	AUT	Sports and Exercise Scientist	Focus on "youth athletes"	S-LS	4, 5, 6, 10
Maria Westin (MW)	SWE	Physiotherapist	Focus on "adolescent athletes"	S-LS	5, 6, 10
Marine Alhammoud (MA)	FRA	Physician	Focus on "elite athletes"	S-LS	5, 6, 10
<b>Subgroup - Sex Specifics</b>					
Margo Mountjoy (MM)	CAN	Physician	Focus on "female athlete specifics" and panellist of the original IOC consensus statement and the female athlete supplement; lead author of the mental health supplement	S-SS	4, 5, 6, 10
Astrid Uhrenholdt Jacobsen (AUJ)	NOR	Physician	Focus on "female athlete specifics"	S-SS	5, 6, 10
Dionne Noordhof (DN)	NOR	Sports and Exercise Scientist	Focus on "female athlete specifics"	S-SS	5, 6, 10
<b>Subgroup – Overarching Topics</b>					
Helen Hanstock (HH)	SWE	Sports and Exercise Scientist	Focus "exercise immunology"	S-OT	5, 6, 10
Johannes Scherr (JSC)	SUI	Physician	Focus "internal medicine"	S-OT	5, 6, 10
Vincent Gouttebarga (VG)	NED	Sports and Exercise Medicine Scientist	Focus "mental health" and panellist of the mental health supplement to the original IOC consensus statement	S-OT	5, 6, 10
Roald Bahr (RB)	NOR	Physician	Focus "methods for recording and reporting of epidemiological data". Lead author of the original IOC consensus statement and panellist of one sport-specific extension	S-OT	5, 6, 10
<b>Conceptualisation and Advisory Board (CAB)</b>					
Gerald Mitterbauer (GM)	FIS	Physiotherapist	FIS Athlete Health Unit process manager	CAB	1, 2, 3, 5, 6, 10

Maarit Valtonen (MV)	FIS	Physician	FIS medical committee	CAB	1, 5, 6, 10
Lars Engebretsen (LE)	IOC	Physician	Head of scientific activities – IOC medical and scientific department and panellist of the original IOC consensus statement, and its mental health supplement	CAB	1, 5, 6, 10
Wolfgang Schobersberger (WS)	IOC/FIS	Physician	IOC medical and scientific commission games group chair for the 2022 OWG/FIS medical committee	CAB	1, 5, 6, 10
Hubert Hörterer (HH)	FIS	Physician	Chair FIS medical committee	CAB	1, 5, 6, 10
<b>Senior Investigator</b>					
Benjamin Clarsen (BC)	NOR	Physiotherapist	Second last author and panellist of the original IOC consensus statement, two of its sport-specific extensions and its female athlete supplement	Co-Senior Investigator	5, 6, 7, 8, 9, 10
Evert Verhagen (EV)	NED	Epidemiologist/Sports and Exercise Scientist	Last author and panellist of the original IOC consensus statement, two of its sport-specific extensions and its female athlete supplement	Senior Investigator	1, 2, 3, 4, 5, 6, 7, 8, 9, 10

*NSSA: National Ski and Snowboard Associations; NOC: National Olympic Committee; FIS: International Ski and Snowboard Federation; IOC: International Olympic Committee; S-SDS: Subgroup - Snowsport Discipline Specifics; S-ACS: Subgroup - Application Context Specifics; S-LS: Subgroup - Level Specifics; S-SS: Subgroup – Sex Specifics; S-OT: Subgroup – Overarching Topics; Conceptualisation and Advisory Board (CAB). 1: Conceptualisation; 2: Panel selection; 3: Process organisation and coordination; 4: Subgroup leader; 5: Basic content contribution; 6: Specific content contribution; 7: Consensus building; 8: Graphical illustration; 9: Manuscript writing; 10: Manuscript revision and final approval.*

The *Subgroup – Snowsport Discipline Specifics (S-SDS)* was responsible for providing inputs especially relevant for Alpine Skiing, Freestyle Skiing, and Snowboarding, as well as the three Nordic skiing disciplines Cross-Country Skiing, Ski Jumping, and Nordic Combined. The *Application Context Specifics Subgroup (S-ACS)* focused on setting-dependent recommendations for recording and reporting of epidemiological data within National Ski and Snowboard Associations (NSSAs), National Olympic Committees (NOCs), the international snowsports governing body FIS, at IOC and mass events, or as part of systematic registration routines in ski resorts (recreational sector). The *Subgroup – Level Specifics (S-LS)* and *Subgroup – Sex Specifics (S-SS)* aimed at elaborating the differences in injury surveillance between the different age groups/levels and genders. The *Subgroup –*

*Overarching Topics* (S-OT) was launched to ensure a holistic perspective on the top, as well as sufficient congruency with existing IOC consensus statements in the areas of injury, illness and mental health surveillance. Finally, a *Conceptualisation and Advisory Board* (CAB) was installed to provide sufficient connection to decision-taking bodies within FIS and IOC and to guarantee a maximally high impact of corresponding knowledge dissemination.