

# **FÉDÉRATION INTERNATIONALE DE MOTOCYCLISME**



**FIM  
MEDICAL**

## **FIM MEDICAL CODE**

**EDITION 2023**

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Articles amended as from 01.01.2023 are in **bold type**

Any references to the male gender in this document are made solely for the purpose of simplicity and refer also to the female gender except when the context requires otherwise.



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## MEDICAL CODE

- a) The Medical Code contains guidelines, standards and requirements for the following: medical fitness in order to obtain a rider's license (09.1 - 09.3), medical services at events (09.4 - 09.7), procedure in the event of an injured rider (09.8), insurance (09.9), professional confidence (09.10), statistics (09.11), Data Privacy (09.12) and documentation (Appendices A, B, C, D, E, **F1-6**, G, H1, H2, L, M, N, **O**).
- b) The requirements of the Medical Code must be met at all FIM events and are recommended for all other competitions.
- c) In circumstances not covered explicitly by the FIM Medical Code, a binding decision will be taken by the FIM International Medical Commission (CMI) after internal consultation by the CMI Bureau.
- d) If such a situation occurs during a FIM event, a binding decision will be made by mutual agreement between the CMO, Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Officer (GP) and FIM Medical Representative, if present.
- e) Any amendments to the GP Medical Code must be approved by the GP Commission.
- f) Any amendments to the **WorldSBK** Medical Code must be approved by the **WorldSBK** Commission.
- g) The FIM Circuit Racing Grand Prix World Championships: Moto3, Moto2 and MotoGP will be herein collectively referred to as "GP".
- h) The Superbike & Supersport World Championships will be herein collectively referred to as "**WorldSBK**".

### 09.1 MEDICAL CERTIFICATE AND EXAMINATION

- a) Every rider taking part in motorcycle competition events must be medically fit. For this reason, a satisfactory medical history and examination are essential. It is the responsibility of the rider to immediately inform the relevant FIM Medical Officer (GP), FIM **WorldSBK** Medical Director, FIM Medical Director, FIM Medical Representative and the CMO of any state of health or medical condition or any deterioration in their health or medical condition that may adversely affect their ability to ride or compete safely. Failure to do so will result in an immediate exclusion from competition and may lead to further sanctions.
- b) The medical certificate is valid for not more than one year. In the event of serious injury or illness occurring following the issue of a medical certificate, a further examination and medical certificate are necessary.
- c) In addition to the medical examination, an applicant for any license in Cross-Country Rallies (World Championship, FIM Prize, international events) must undergo and pass successfully an echocardiogram once in his/her lifetime prior to the issuing of the license. An exercise tolerance electrocardiogram must be conducted and successfully



passed with this echocardiogram and is then required every three years.

- d) Regarding the duration of convalescence after injury please refer to Appendix D.

### 09.1.1 Guidelines for the Examining Doctor

The examination should be performed by a doctor familiar with the applicant's medical history. The examining doctor must be aware that the person to be examined is applying for a license to participate in motorcycle events. The purpose of the examination is to determine whether the applicant is physically and mentally fit to control a motorcycle in order to ensure the safety of other riders, officials and spectators during an event, having regard to the type of event for which the rider is applying.

Certain disabilities exclude the granting of a license.

The FMN of every rider issuing the license shall possess a certificate confirming the rider is medically fit or unfit to participate in FIM competitions after verifying the rider has undergone the following medical assessment:

#### **A) LIMBS**

The applicants should have sufficient function of their limbs to permit full control of their machine during events. In the case of loss or functional impairment of all or part of a limb or limbs the applicant must be referred for the opinion of the medical commission of his FMN and of the FIM, if necessary.

#### **B) EYESIGHT**

- a) For all disciplines except Trial, the minimum corrected visual acuity must be 6/6 [10/10] with both eyes open together. The minimum field should measure 160 degrees, 30 degrees vertical.
- b) For Trial, the minimum corrected visual acuity must be 6/6 [10/10] with one or both eyes open together. The minimum field should measure 160 degrees, (120 degrees for monocular vision with 60 degrees each side) 30 degrees vertical.
- c) For all disciplines, spectacles, if required, should be fitted with shatterproof lenses and contact lenses, if worn, should be of the "soft" variety.
- d) Satisfactory judgement of distance and wearing double protection when competing would be required for all riders with vision in only one eye.
- e) Double vision is not compatible with the issuing of a competition license.
- f) The applicant, for any event except Trial, must have normal colour vision, in that they can distinguish the primary colours of red and green. If there is any doubt, a simple practical test is recommended under conditions similar to those of a race.

### **C) HEARING AND BALANCE**

A license can be issued to an applicant with impaired hearing but not to an applicant with a disturbance of balance.

A rider with impaired hearing must be accompanied at the riders briefing by a person with normal hearing who can communicate the information either by signing or in writing. The rider must wear a clearly visible tag that identifies him/her as hearing-impaired to the marshals and medical personnel in case of an accident/incident. The rider must also comply with the requirements of Article 09.3.4 of the FIM Medical Code.

### **D) DIABETES**

In general, it is not considered advisable for diabetics to enter motorcycle events.

However, a well-controlled diabetic not subject to hypoglycaemic or hyperglycaemic attacks, and having no neuropathy nor any ophthalmoscopic evidence of vascular complications, may be passed as fit to compete.

### **E) CARDIO-VASCULAR SYSTEM**

In general, a history of myocardial infarction or serious cardio-vascular disease would normally exclude a rider. Special attention should be paid to blood pressure and cardiac rhythm disorders. In such cases a certificate from a cardiologist including the results of any test the cardiologist considers necessary, must be submitted with the medical examination form.

With the exception of Trial any rider of fifty years and over must have an exercise tolerance electrocardiogram performed, and the result must be favourable. In Trial, an exercise tolerance electrocardiogram is required for any rider of 50 years and over if there are known significant risk factors for or history of cardiac disease.

### **F) NEUROLOGICAL AND PSYCHIATRIC DISORDERS**

In general, applicants with a serious neurological or psychiatric disorder will not be granted a license.

### **G) FITS OR UNEXPLAINED ATTACKS OF LOSS OF CONSCIOUSNESS**

A license will not be issued if the applicant suffers from epilepsy, has suffered a single epileptic fit, or has suffered any episodes of unexplained sudden loss of consciousness during a period of **the previous 5 (five) years**. If no other epileptic fit or other unexplained sudden loss of consciousness has occurred during these 5 (five) years, **and the applicant has not taken any medication to prevent epilepsy for 5 (five) years**, the applicant may be granted a license **after review of a report from a specialist neurologist indicating that the risk of a further fit, seizure or episode is at an acceptable level to permit participation in racing**.

### **H) USE OF WADA PROHIBITED SUBSTANCES**

Applicants using substances included in the WADA Prohibited List will not be accepted except with a valid Therapeutic Use Exemption (TUE) approved by the FIM.

### **I) ALCOHOL**

1. Applicants with an alcohol addiction will not be accepted.



2. For safety reasons riders must not participate in competition if they are found to have a blood alcohol concentration superior to the threshold of 0.10 g/L.
3. The presence of alcohol in concentration higher than the threshold and the consumption/use of alcohol (ethanol) are prohibited in motorcycling sport during the \*in-competition period and will be considered as a violation of the Medical Code.
4. Such violation(s) of the Medical Code will be sanctioned as follows:  
  
The riders will be immediately excluded and disqualified from the relevant event by the FIM Stewards. Further sanctions will be applied in accordance with the FIM Disciplinary & Arbitration Code and/or the relevant Sporting Regulations.
5. For the purpose of the alcohol testing procedure, the in-competition\* period is defined as the period commencing 12 hours before the rider rides his bike for the first time during the event\*\*, ending thirty (30) minutes after the end of the last race\*\*\* in his class and category. This is the minimum period of time that riders should abstain from alcohol prior to competition for safety reasons.
6. For the avoidance of doubt the possession, use and consumption of alcohol during the podium ceremony is not considered a violation under the FIM Medical Code providing that the podium ceremony takes place at the end of the event.
7. Detection will be conducted by analysis of breath and/or blood. The alcohol violation threshold is equivalent to a blood alcohol concentration of 0.10 g/L.
8. Riders may be subject to alcohol breath and/or blood testing at any time in-competition.

\*\* Event is a single sporting event composed, depending on the discipline, of practice sessions, qualifying practice sessions and race(s), rounds, legs, heats or stages.

\*\*\* or round, leg, heat or stage.

#### **J) MEDICATION & DRUGS**

Applicants will not be accepted if they are using medication including those legitimately prescribed with potentially adverse side effects that could pose a risk to the safety of the rider or others during competition. This includes drugs that cause sedation, blurred vision, psychomotor retardation or other side effects that can adversely affect their ability to have full and complete control of a motorcycle in competition.

#### **K) TREATMENT WITH PROHIBITED SUBSTANCES OR METHODS AT EVENTS**

Any treatment requiring a prohibited substance or method to be used by any doctor to treat a rider during an event must be discussed and agreed with the FIM Medical Officer (GP), FIM WorldSBK Medical Director, FIM Medical Director or FIM Medical Representative, if present. If this is required a TUE must be submitted immediately for retroactive approval to be received by the FIM no later than the following day after the event.

**L) ANAESTHESIA**

Riders will not be permitted to participate in practice or competition until at least 48 hours have elapsed following any general, epidural, spinal or regional anaesthesia.

See also 09.3.3 b) and appendix D.

**M) CONCUSSION**

Assessment of the injured rider and return to competition should be in accordance with the guidelines for the assessment and management of concussion as contained within the Consensus Statement On Concussion In Sport - The 5<sup>th</sup> International Conference On Concussion in Sport held in Berlin, October 2016.

See also Art. 09.3.3 and appendix D.

In the event of a suspected concussion the rider should be assessed using a recognised assessment tool such as SCAT5 or similar (see appendix D). If the assessment confirms a concussion the rider should immediately be excluded from competition for at least the rest of the event. Prior to returning to competition the rider should be assessed for and provide documentary evidence of a return to normal neuro-psychological function using for example the IMPACT system, functional MRI scan or similar in accordance with the current International Consensus Statement on Concussion in Sport.

**N) PROCEDURE IN CASE OF DOUBT OF MEDICAL FITNESS**

The examining doctor may not feel able to approve an applicant on medical grounds. In such a case he should complete the certificate, having ticked the relevant box, sign it, and then send it to the applicant's FMN with his observations, including past history. If necessary, he should request that the applicant be examined by a member of the medical committee of the FMN or a doctor appointed by the FMN.

If, following the rider being assessed as being medically fit to participate in competition evidence emerges of a medical condition that represents a significant risk to the rider and/or other competitors, the Medical Director, FIM Medical Director/ Officer together with other relevant parties such as the CMO and FMN doctor have the right to withdraw the riders' license at any time until further assessment of the rider is undertaken and a subsequent satisfactory medical report is provided to the FMN and FIM Medical Director/Officer/Representative.

**O) THE USE OF INTRAVENOUS FLUIDS**

In accordance with Section M2.2 of the **2023** WADA Prohibited List Intravenous infusions and/or injections of more than a total of 100 mL per 12-hour period are prohibited except for those legitimately received in the course of hospital treatments, surgical procedures or clinical diagnostic investigations.

Intravenous fluids must therefore not be administered to any competitor during any event from the official start time of the event until the official event end time unless by the official FIM approved medical service for the event. In all cases there should be a formal medical need for the fluids demonstrated by documented assessment of the rider's medical condition including their vital signs. Rehydration should be sufficient to return vital signs to normal and no more. If the rider's medical condition is such that treatment requiring the use of intravenous fluids is

necessary during an event he will not be permitted to compete for at least the remainder of that day. Return to competition will require a further medical assessment to ensure he is medically fit to do so.

#### **P) ORAL HYDRATION**

Where the temperature is sufficient to cause significant risk of dehydration as assessed by the CMO or Medical Director or FIM Medical Representative, the organiser must make drinking water available along the route at appropriate points in sufficient quantities for all competitors and officials as soon as possible and within a time frame to address the risk. Where possible the need for water should be assessed before the event start.

#### **Q) COST OF MEDICAL EXAMINATION**

Any fee arising from the examination or completion of the medical certificate is the responsibility of the applicant.

### **09.2 AGE OF RIDERS, DRIVERS AND PASSENGERS**

Licenses for riders, drivers and passengers are issued for FIM World Championships and Prizes, as well as for international meetings, only when the minimum age has been attained as below:

#### **A) FIM World Championships**

##### **Circuit Racing**

	Min.	Max.
<ul style="list-style-type: none"> <li>• FIM <b>GP WC</b>: Moto3 class:</li> </ul> <p>In the Moto3 class, an exemption applies to the winner of the FIM <b>JuniorGP</b> World Championship or the FIM MotoGP Rookies Cup to compete in the Moto3 class of the FIM <b>Grand Prix World Championship</b> at 17 years.</p> <p>Max. age Moto3: 23 years for new contracted riders participating in the Moto3 World Championship Grand Prix for the first time and for wild cards) at the 1st of January of the corresponding championship year.</p>	<b>18 years</b>	28 years
<ul style="list-style-type: none"> <li>• FIM Supersport 300cc World Championship:</li> </ul>	16 years	28 years
<ul style="list-style-type: none"> <li>• FIM <b>JuniorGP</b> World Championship:</li> </ul>	<b>16 years</b>	23 years
<ul style="list-style-type: none"> <li>• FIM <b>GP WC</b>: Moto2 class:</li> </ul>	<b>18 years</b>	
<ul style="list-style-type: none"> <li>• FIM <b>GP WC</b>: MotoGP class:</li> </ul>	18 years	
<ul style="list-style-type: none"> <li>• FIM Superbike WC:</li> </ul>	18 years	
<ul style="list-style-type: none"> <li>• FIM Supersport WC:</li> </ul>	<b>18 years</b>	
<ul style="list-style-type: none"> <li>• FIM Sidecar WC: drivers:</li> </ul>	18 years	
<ul style="list-style-type: none"> <li>• FIM Sidecar WC: passengers:</li> </ul>	18 years	
<ul style="list-style-type: none"> <li>• FIM Endurance WC:</li> </ul>	18 years	

- **FIM MotoE WC:** 16 years
- ETC, NTC, ATC, BTC (Continental Championships) 14 years

### Motocross

- |  | Min.            | Max.            |
|--|-----------------|-----------------|
| • FIM MXGP Motocross WC:                           | 16 years        | 50 years        |
| • FIM MX2 Motocross WC:                            | 15 years        | 23 years        |
| • FIM Motocross of Nations: min. as per MXGP, MX2: |                 | 50 years        |
| • FIM Sidecar Motocross WC: drivers:               | 16 years        | 50 years        |
| • FIM Sidecar Motocross WC: passengers:            | 16 years        | 50 years        |
| • FIM Junior Motocross WC: 85cc class:             | 12 years        | 14 years        |
| • FIM Junior Motocross WC: 125cc class:            | 13 years        | 17 years        |
| • <b>FIM Supercross WC, WSX:</b>                   | <b>16 years</b> | <b>50 years</b> |
| • <b>FIM Supercross WC, SX2:</b>                   | <b>15 years</b> | <b>50 years</b> |
| • FIM S1GP SuperMoto WC:                           | 15 years        | 50 years        |
| • FIM SuperMoto of Nations:                        | 15 years        | 50 years        |
| • FIM SnowCross WC:                                | 16 years        | 50 years        |
| • FIM FreeStyle Motocross WC:                      | 16 years        | 50 years        |
| • FIM Women's Motocross WC:                        | 15 years        | 50 years        |

### Trial

- |   | Min.     | Max.                               |
|---|----------|------------------------------------|
| • FIM Trial WC: TrialGP/ Trial2:                | 16 years |                                    |
| • FIM Women's Trial WC: TrialGP Women:          | 16 years |                                    |
| • FIM Trial des Nations                         | 16 years |                                    |
| • FIM <b>Trial3</b> World Championship: (125cc) | 14 years | 21 years                           |
| • FIM Women's Trial des Nations                 | 14 years |                                    |
| If the event is not held on a closed circuit    |          | Holder of a valid driver's license |
| • FIM X-Trial WC:                               | 16 years |                                    |

### Enduro

- FIM International Six Days' Enduro: Holder of a valid driver's license
- FIM Enduro WC: Holder of a valid driver's license
- FIM SuperEnduro WC: 18 years (Prestige)



- FIM Junior Enduro WC: Holder of a valid driver's license and under 23 years
- FIM Youth Enduro WC: Holder of a valid driver's license
- FIM Hard Enduro WC: 16 years
- FIM Women's Enduro WC: Holder of a valid driver's license

### Cross-Country

- **FIM World Rally-Raid Championship: RallyGP** Holder of a valid driver's license

### Track Racing

- |  | Min.     | Max.     |
|--|----------|----------|
| • FIM Speedway Grand Prix WC :                                       | 16 years |          |
| • FIM <b>Track Racing</b> World Championship Qualification Meetings: | 16 years |          |
| • FIM Speedway of Nations:   | 16 years |          |
| • FIM World Speedway League:   | 16 years |          |
| • FIM Speedway Best Pairs:   | 16 years |          |
| • FIM Ice Speedway WC:   | 16 years |          |
| • FIM Ice Speedway of Nations:                                       | 16 years |          |
| • FIM Long Track WC:   | 16 years |          |
| • FIM Long Track of Nations:   | 16 years |          |
| • FIM <b>SGP2</b> WC :   | 16 years | 21 years |
| • <b>FIM Speedway of Nations 2 WC:</b>                               | 16 years | 21 years |
| • FIM <b>SGP3</b> WC:  | 13 years | 16 years |
| • FIM Flat Track WC:   | 16 years |          |

### E-Bike

- **FIM E-XPLORER WC:** **16 years**  
(or age limit imposed by the laws and regulations of the FMNR)
- **FIM EBK WC:** **18 years**
- **FIM E-Scooter WC:** **18 years**

## B) FIM Prizes

### Circuit Racing

	Min.	Max.
• FIM MotoGP Rookies Cup:	<b>15 years</b>	21 years
• FIM Endurance WCup:	18 years	
• FIM Dragbike WCup:	16 years	
• <b>FIM MiniGP World Series:</b>	10 years	
• FIM <b>Land Speed</b> World Records : 50≤ cc ≤ 125cc:	14 years	
• FIM <b>Land Speed</b> World Record: 125≤ cc ≤ 300cc:	16 years	
• FIM <b>Land Speed</b> World Record: 300≤ cc ≤ 500cc:	15 years	
• FIM <b>Land Speed</b> World Record: 500≤ cc ≤ 600cc:	16 years	
• FIM <b>Land Speed</b> World Record: 600≤ cc ≤ 3000cc:	18 years	

### Motocross

	Min.	Max.
• FIM Veteran Motocross World Cup:	40 years	55 years
• FIM Junior Motocross WCup: 65cc class:	10 years	12 years
• FIM Women's SnowCross World Cup:	16 years	50 years
• FIM Vintage Motocross World Cup:	40 years	65 years

### Trial

	Min.	Max.
• FIM Trial des Nations – International Trophy:	14 years	
• <b>FIM Trial des Nations Challenge</b>	<b>14 years</b>	<b>21 years</b>
• FIM Women's Trial2 WCup:	<b>14 years</b>	
If the event is not held on a closed circuit:	Holder of a valid driver's license	
• <b>FIM Trial Vintage / FIM Trial Vintage motorcycle Trophy</b>	<b>Holder of a valid driver's license</b>	
• FIM X-Trial des Nations:	16 years	

### Enduro

	Min.	Max.
• FIM Junior SuperEnduro World Cup:	16 years	23 years
• FIM Women's Enduro World Cup:	Holder of a valid driver's license	
• FIM Women's SuperEnduro World Cup: (or age limit imposed by the laws and regulations of the FMNR)	16 years	
• FIM Enduro Vintage Veteran Trophy Team:	50 years	
• FIM Enduro Vintage Silver Vase Club Team:	40 years	





- FIM Enduro Vintage Individual Trophy: -
- FIM Enduro Vintage World Cup: -
- FIM Hard Enduro World Cup: 16 years
- FIM Enduro Vintage Women Club Team: 25 years

### Cross-Country

- FIM Rally-Raid World Cup – **Rally2, Rally3, Quads** Min.  
Holder of a valid driver's license
- FIM Rally-Raid Trophy – Women: Holder of a valid driver's license
- FIM Rally-Raid Trophy – Quads: Holder of a valid driver's license
- FIM Rally-Raid Trophy – Junior **Rally2, Junior Rally3**: Holder of a valid driver's license **and under 25**
- FIM Rally-Raid Trophy – Veteran: 45 years and Holder of a valid driver's license
- FIM Rally-Raid Trophy – SSV: Holder of a valid driver's license
- FIM Bajas World Cup – 450cc/over450cc – Women – Quad - Junior: Holder of a valid driver's license
- FIM Bajas World Cup – SSV: Holder of a valid driver's license
- FIM Bajas World Cup – Veteran: Min. 45 years and Holder of a valid driver's license

### Sand Race

- |   | Min.            | Max.     |
|---|-----------------|----------|
| • FIM Sand Race World Cup – Motorcycle:                   | 18 years        |          |
| • FIM Sand Race World Cup – Veterans:                     | 38 years        |          |
| • FIM Sand Race World Cup – Juniors: Up to 125cc 2-stroke | 13 years        | 17 years |
| • FIM Sand Race World Cup – Juniors: Up to 250cc 4-stroke | 15 years        | 17 years |
| • FIM Sand Race World Cup – Quads:                        | 18 years        |          |
| • FIM Sand Race World Cup – Quads Junior:                 | 15 years        | 17 years |
| • <b>FIM Sand Race World Cup – SSV:</b>                   | <b>16 years</b> |          |

## Track Racing

	Min.	Max.
• <b>FIM Speedway World Cup</b>	<b>16 years</b>	
• <b>FIM Speedway Youth World Cup</b>	<b>11 years</b>	<b>13 years</b>
• FIM Speedway Youth Gold Trophy:	<b>11 years</b>	15 years
• FIM Track Racing Youth Gold Trophy:	<b>11 years</b>	16 years
• FIM Speedway Sidecar World Cup:	17 years	-
• FIM Long Track <b>under 23</b> World Cup:	<b>16 years</b>	<b>23 years</b>

## E-Bike

	Min.	Max.
• FIM E-Bike Cross World Cup:	10 years	
• FIM E-Bike Enduro World Cup:	14 years	
• FIM E-XPLORER World Cup:	16 years	
(or age limit imposed by the laws and regulations of the FMNR)		
• <b>FIM EBK World Cup:</b>	<b>18 years</b>	
• <b>FIM E-Scooter World Cup:</b>	<b>18 years</b>	

## C) For Type VII – Solar/Electric Power Bike

	Min.	Max.
• FIM World Record Attempt – kg ≤ 150:	16 years	
• FIM World Record Attempt – 150 < kg ≤ 300:	18 years	

## International Events

### Circuit/Road Racing

	Min.	Max.
• International events: classes up to 125cc, 2 strokes:	12 years	
• International events: classes up to 250cc, 4 strokes, 1 cylinder:	12 years	
• International events: classes over 125cc, 2 strokes and over 250cc, 4 strokes:	12 years	
• International Hill Climbs Races:	16 years	
• International Drag Races:	16 years	

### Motocross

	Min.	Max.
• International events: 85cc class:	12 years	
• International events: 125cc and 250cc classes:	15 years	
• International events: 500cc class:	15 years	
• Sidecar Motocross International events: drivers:	16 years	



- Sidecar Motocross International events: passengers: 16 years
- International Supercross events: 15 years
- International SnowCross Races: 16 years
- International FreeStyle Motocross: 15 years
- International SuperMoto Races: 15 years

### Trial

- |  | Min.     | Max. |
|--|----------|------|
| • International Indoor Trial:  | 12 years |      |
| • International Trial:<br>(The Supplementary Regulations must state the actual restrictions on age, respecting national legislation and stipulating any requirements for holding a driving license). | 12 years |      |

### Enduro

- |                                | Min.                               | Max. |
|--------------------------------|------------------------------------|------|
| • Quads international events:  | Holder of a valid driver's license |      |
| • International Indoor Enduro: | 14 years                           |      |
| • International Enduro events: | Holder of a valid driver's license |      |

### Cross-Country Rally & Baja

- |  | Min.                               |
|--|------------------------------------|
| • International Cross-country rallies: | Holder of a valid driver's license |

### Track Racing

- |   | Min.     | Max. |
|---|----------|------|
| • International Speedway:                 | 16 years |      |
| • International Speedway League Meetings: | 16 years |      |
| • International Ice Racing Meetings:      | 16 years |      |
| • International Long & Grass Track Races: | 16 years |      |
| • International Motoball Events:          | 16 years |      |

### E-Bike

- |  | Min.     | Max. |
|--|----------|------|
| • E-Bike Cross:  | 10 years |      |
| • E-Bike Enduro:<br>(or age limit imposed by the laws and regulations of the FMNR) | 14 years |      |



The minimum ages for each and every discipline and category of events start on the riders' minimum age birthday.

### 09.2.1 Applicants Aged 50 Years and Over

Applicants aged 50 and over except in Trial must attach to their rider's license request a certificate of medical fitness including a normal exercise tolerance electrocardiogram which is required at least every 3 years. In Trial an exercise tolerance electrocardiogram is also required if there are known significant risk factors for or history of cardiac disease.

(Refer to the respective appendices for the maximum age limits that apply to certain FIM World Championships and Prizes)

The limit for the maximum age in Circuit Racing GP and **WorldSBK** World Championships finishes at the end of the year in which the rider reaches the age of 50.

## 09.3 SPECIAL MEDICAL EXAMINATION

At any time during an event a special medical examination (this may include urine dipstick testing for drugs) may be carried out by an official doctor or by another doctor nominated by the Chief Medical Officer (CMO) at the request of the Race Director, Medical Director, FIM Medical Officer (GP), FIM **WorldSBK** Medical Director, FIM Medical Director, Jury President, Chief Steward or the FIM Medical Representative.

### 09.3.1 Refusal to Undergo Special Medical Examination

Any rider who refuses to submit himself to such a special medical examination will be excluded from the event, and notified to his FMN, the Race Direction and the FIM.

### 09.3.2 List of Medically Unfit Riders (Appendix G)

The CMO shall examine all riders listed as medically unfit who wish to compete in order to assess their medical fitness to do so the day before they use a motorcycle on the track.

The list of medically unfit riders shall be supplied by the Medical Director and/or FIM Medical Officer (GP), FIM **WorldSBK** Medical Director, FIM Medical Director who will attend this examination. The information provided on this list must be treated in the strictest confidence and must be only made available to the FIM Medical Director/ FIM Medical Officer (GP)/FIM Medical Delegate and the CMO at the event. It is the rider's responsibility to inform the CMO, Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Director and FIM Medical Officer (GP) of any injury or illness sustained between events for inclusion in the list.

### 09.3.3 Medical Fitness to Race

- a) A rider must be sufficiently medically fit to control his motorcycle safely at all times. There must be no underlying medical disorder, injury or medication that may prevent such control or place other riders at risk. Failure of a rider to disclose such a condition may lead to the application of sanctions.



- b) Riders will not be permitted to participate in practice or competition until at least 48 hours have elapsed following any general, epidural, spinal or regional anaesthesia.
- c) In the event of a suspected concussion the rider should be assessed and managed in accordance with the guidelines for the assessment and management of concussion as contained within the Consensus Statement On Concussion In Sport - The 5th International Conference On Concussion in Sport held in Berlin, October 2016. The rider should be assessed using a recognised assessment tool such as SCAT5 or similar. If the assessment confirms a concussion the rider should immediately be excluded from competition for at least the rest of the event.
- d) Prior to returning to competition the rider should be assessed for and provide documentary evidence of a return to normal neuro- psychological function using for example the IMPACT system, a functional MRI or similar in accordance with the current International Consensus Statement on Concussion in Sport.
- e) Following injury or illness, the decision regarding medical fitness to return to competition is normally at the discretion of the CMO. The decision should be made on an individual case by case assessment and informed by relevant medical reports from the practitioner treating the rider including details of X-rays, scans, analyses, other investigations and any interventions which must be provided to the CMO, if available before assessing a rider's fitness to return to competition.

As necessary and appropriate decisions regarding fitness to compete should be made in consultation with the Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Officer (GP), FIM Medical Director and/or FIM Medical Representative, if present.

**For MotoGP only:**

**The following information should be provided as relevant for the medical assessment to return to competition:**

**Head injury and concussion;**

- **Hospital medical reports including neurological / neurosurgical**
- **SCAT assessments**
- **Cerebral MRI reports**

**Abdominal/thoracic injury:**

- **Medical report confirming resolution of injury and return to normal function and activity**
- **Radiology reports of computerised tomography (CT) or MRI scans demonstrating progress and resolution of injuries to internal organs (lungs, liver, spleen, kidneys) with particular reference to vascular injury**



**Significant musculoskeletal injuries (such as fractures requiring surgery, compound or complex fractures);**

- **Full medical report of the injury, interventions, progression, and outcomes**
- **Medical discharge report indicating any potential sequelae including risk from further injury**
- **Radiological confirmation of sufficient resolution of injury including post-surgical helical CT scan**

**In case of doubt, the CMO, the MotoGP Medical Director and the FIM Medical Officer (GP) can request further opinion on the reports and evidence provided for resolution (fit or unfit).**

#### 09.3.4 Riders with Special Medical Requirements

Riders with certain medical conditions and who may require special treatment in the event of injury, who have been in hospital during the previous 12 months or who are being treated for any medical conditions are responsible for informing the CMO, Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Officer (GP) and FIM Medical Director before the event regarding their condition and that they may require such special treatment.

#### 09.4 MEDICAL SERVICES AT EVENTS

- a) Any treatment at the circuit during an event is free of charge to the riders. The costs for transferring an injured rider to a hospital designated by the CMO are the responsibility of the organiser of the event.
- b) Medical services must guarantee assistance to all riders as well as any other authorised persons injured or taken ill at the circuit during event.
- c) A medical service for the public, separate from the above services must be provided by the event organisers. This service is not described in this code but must conform to any regulation enforced by the relevant country and reflect the size of crowd expected. This service must be controlled by a deputy CMO or another doctor but not directly by the CMO.
- d) Unless otherwise authorised by the rider the CMO, the Medical Director, the FIM **WorldSBK** Medical Director, the FIM Medical Director, the FIM Medical Officer (GP) and the Clinica Mobile and **the new MotoGP Health Center** other members of the medical services, are not authorised to make statements to any third party, other than immediate relatives, about the condition of injured riders, without reference to and authorisation from the FIM and the promoter.
- e) All doctors must adhere to their professional ethics and medical codes of practice at all times.

- f) Appropriate medical services must be available continuously, from at least one hour before the start of the first practice for the event, until at least one hour after the last rider has finished.

However, for FIM **GP WC** and **WorldSBK** events:

Appropriate medical services should be available continuously when teams and officials are present at the circuit and in the paddock, that is normally, from at least 08:00hrs on the Monday before the race until at least 20:00hrs on the Monday after the race. In any case the CMO will consult with the FIM Medical Officer (GP) before stopping any service provision at the medical centre.

- g) Appropriate medical services are defined as follows:
1. During all official track activity, a fully functional medical services, including medical centre, ground posts, vehicles, helicopter and personnel in accordance with the circuit medical homologation.
  2. During the days with track activity as well as the day before it begins the Medical Centre must be fully staffed in accordance with the medical homologation from 08:00hrs or at least 1 hour before the track activity commences until 20:00hrs or at least three hours after the end of the last race or track activity.
  3. In MotoGP, the CMO, Medical Intervention Team (MIT) personnel, Medical Centre personnel and the FIM Medical Officer (GP) must attend the simulation and training on the day prior to the event. All appropriate medical vehicles, equipment and devices must also be available.
  4. At all other times when there is no official track activity as above from 08:00hrs on the Monday before the event until 20:00hrs on the day after the event there must always be a doctor and a nurse/ paramedic with an ambulance available at the Medical Centre.
- h) At events where no one sleeps in the paddock overnight it may be permissible following consultation with the FIM Medical Director/ Representative to not have any medical staff available from 23:00hrs to 07:00hrs.
- i) The full Medical service available for FIM events must remain in place for any national or supporting races that occur during FIM events and that the FIM procedure in case of serious/fatal accidents must be followed.

#### 09.4.1 The Chief Medical Officer (CMO)

##### CMO:

1. Is a holder of the corresponding official's license in relevant disciplines (see Art. 09.4.2); this license is valid for a maximum term of three years and shall be issued by the FIM.
2. Is appointed by the FMNR/ Organiser.



3. Should be the same throughout the event.
4. Must be able to communicate in at least one of the FIM official languages, either English or French.
5. Should be familiar with the FIM Medical Code and FIM Anti-Doping Code.
6. Must be named in the Supplementary Regulations/event information.
7. Must be a fully registered medical practitioner authorised to practice in the relevant country or state in which the event is taking place.
8. Must have malpractice insurance appropriate to the relevant country or state, where the event is being held.
9. Must be familiar with the circuit and the organisation of the medical services at which he is appointed.
10. Must be familiar with the principles of emergency medical care and the associated organisational requirements necessary for a circuit medical service to deliver effective emergency medical interventions to injured riders in keeping with current accepted best practice.
11. Is responsible for the positioning of medical and paramedical personnel and vehicles under his control.
12. Must complete the FIM CIRCUIT CMO QUESTIONNAIRE (Appendix F) and return it to the FIM, Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Director and FIM Medical Officer (GP) at least 60 days prior to the event. Failure to comply with this deadline may result in sanctions being applied. The Circuit CMO Questionnaire must be accompanied by:
  - a) A medical plan and maps of the medical service including the position and number of all of the medical resources including all personnel and vehicles.
  - b) A plan of the circuit medical centre.
  - c) A map showing the location, distances and routes to the designated hospitals.
  - d) A list of the doctors including a brief professional curriculum vitae of their experience and qualification relevant to the provision of out of hospital emergency medical care (only in Circuit Racing). For the other disciplines: a list of doctors with their speciality. This should be presented at the latest on the day before the event following the initial track safety inspection.
13. No alterations to the questionnaire and associated medical plan and circuit map showing the position of the medical personnel and vehicles, are permitted without previous consultation with the Medical Director and/or FIM Medical Officer (GP)/FIM **WorldSBK** Medical Director, FIM Medical Director and FIM Medical Representative.





14. Must contact, in writing, at least 60 days before the event, hospitals in the vicinity of the event that are able to provide the following specialist services and include them in the questionnaire:
  - a) CT Scan
  - b) MRI
  - c) Trauma resuscitation
  - d) Neurosurgery
  - e) General surgery
  - f) Vascular surgery
  - g) Trauma and orthopaedic surgery
  - h) Cardio-thoracic surgery
  - i) Intensive care
  - j) Burns and plastic surgery
15. Must send copies electronically to the FIM and Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Director, FIM Medical Officer (GP) at least 30 days before the event and have available at the event the letters they have written to the hospitals and copies of the letters of confirmation that every hospital to be used for treatment of injured persons is aware that the event is taking place and is prepared to accept and treat injured riders with minimum delay. The letter of confirmation of every hospital must mention its equipment (x-ray, scanner etc.) the name (and telephone numbers) of the doctor in charge for each day and a map showing the quickest route from the circuit to the hospital.
16. Any change to the above-mentioned information must be immediately forwarded to the FIM, Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Director and FIM Medical Officer (GP).
17. Should attend the meetings of the International Jury, Event Management Committee or Race Direction.
18. Must attend the safety/track inspection together with the Clerk of the Course and the Race Director/Direction one day prior to the first practice session.
19. Will collaborate with the Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Officer (GP) and FIM Medical Representative to organize a simulation of a medical intervention on track on the day prior to the first practice session.
20. Must brief the medical personnel prior to the start of the first practice session of the event, as well as debrief the personnel after the event.
  - a) This briefing should include practical scenario-based examples of incident responses.
  - b) Compulsory scenario-based demonstration and training in the initial response to and management of an injured rider should take place on the day before the event and be attended by the CMO, Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Director, FIM Medical Officer (GP) and the FIM Medical Representative (only for Circuit Racing).



- c) To inspect the circuit with the Medical Director, FIM **WorldSBK** Medical director, FIM Medical Officer (GP), FIM Medical Director, Clerk of the Course and Race Director the day before the first practice session. A further check will be made no later than 30 minutes before the first practice session or race each day to ensure that all medical facilities and staff, including the Medical Centre are ready to function and in accordance with the agreed medical plan and the Medical Code, and to report any shortcomings to the Medical Director, FIM Medical Officer (GP), FIM **WorldSBK** Medical Director, FIM Medical Director, Race Director and FIM Safety Officer.

21. When motorcycles are on the track the CMO:

- a) must be stationed in Race Control.
- b) must be in close proximity to and liaise directly with the Medical Director (in MXGP), FIM **WorldSBK** Medical Director, FIM Medical Officer (GP), FIM Medical Representative, Clerk of the Course and Race Director.
- c) must be in direct communication with the medical ground posts, ambulances, medical vehicles and medical centre at all times, and test this communication at the start of each day before or during the medical assessment.
- d) provide immediate updates from trackside medical personnel to the Medical Director, FIM Medical Officer (GP), FIM **WorldSBK** Medical Director, FIM Medical Director and Race Direction regarding the condition of any injured rider in order to facilitate the most appropriate medical response to their condition.
- e) participate with the Medical Director (in MXGP), FIM **WorldSBK** Medical Director, FIM Medical Officer (GP) and Race Direction in the immediate deployment of appropriate medical resources to injured riders.

22. Must recommend to the Race Director/Clerk of the Course that a practice session or a race be stopped if:

- a) There is danger to life or of further injury to a rider or officials attending an injured rider if other riders continue to circulate.
- b) The Medical personnel are unable to reach or treat a rider for any reason.
- c) If a rider is unconscious or suspected of having a spinal or other serious injuries and will require prolonged trackside medical intervention. Such information must be communicated immediately to the CMO by ground post personnel.



- d) There is a risk of physiological harm to riders or of inability by riders to control their motorcycle, due to extreme weather conditions. In such circumstances of actual or potential harm from extreme weather conditions such as extreme heat the CMO and Medical Director or FIM Medical Officer (GP) should consider and recommend to the Race Direction that the race distance and length of sessions be adjusted accordingly with the provision of adequate periods for rest, recovery and rehydration. If necessary and appropriate the CMO, Medical Director and FIM Medical Officer (GP) can recommend that the race be stopped.
23. Must inform and update the Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Officer (GP), FIM Medical Director, regarding the condition of injured riders and liaise with the relevant hospitals to ascertain and report the progress of their condition and treatment.
24. Will prepare a list of injured riders (Medically Unfit List) to be given to the Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Director, FIM Medical Officer (GP) and FIM Medical Representative.
25. Shall ascertain that fallen riders during practice are medically fit to continue in competition. All riders injured during an event who refuse or avoid a Special Medical Examination must be placed on the Medically Unfit List.
26. In accordance with normal medical practice will complete a clinical record of all medical examinations and assessments. A copy of the clinical record should be provided to the rider or their nominated representative to facilitate ongoing treatment after the event and referral to the rider's medical insurance provider.
27. Will meet with the Medical Director and/or the FIM Medical Officer (GP), FIM **WorldSBK** Medical Director, FIM Medical Director, FIM Medical Representative every morning after the medical review, and every afternoon after the official activity has ended to discuss the medical interventions and the status of any injured riders. Evaluation of the interventions should include video of the performance of the medical activity. Such evaluation will then be included in and inform the subsequent briefing of the medical personnel by the CMO.
28. To participate with the Medical Director, FIM Medical Officer (GP) and FIM Medical Representative if present in decisions regarding riders who have been injured and who wish to compete.
29. Must ensure an interpreter in English is available in the hospital permanently when an injured rider is there.
30. Must send electronically the completed Appendices A, **G** and L to the FIM Medical Department at [cmi@fim.ch](mailto:cmi@fim.ch) by the day following the event. (The forms are available from the FIM Medical Department [and FIM website \(Medical\)](#)).
31. Must liaise with the Medical Director and/or FIM Medical Officer (GP), FIM **WorldSBK** Medical Director, FIM Medical Director and FIM Medical Representative during the year before the event to manage and improve the medical service in any way necessary and

ensure the requirements of the FIM Medical Code are completely respected.

#### 09.4.2 FIM World Championships & Prizes Requiring a Licensed CMO

A CMO, who must be a holder of the corresponding license, is required for the following events/meetings:

- a) FIM Circuit Racing World Championship Grand Prix
- b) FIM WorldSBK & Supersport World Championships
- c) FIM Sidecar World Championship
- d) FIM Endurance World Championship; (24 hours races: 2 CMOs)
- e) FIM **JuniorGP** World Championship
- f) FIM Motocross World Championship (MXGP, MX2, Women, Junior)
- g) FIM Motocross of Nations
- h) FIM Sidecar Motocross World Championship
- i) FIM SuperMoto S1GP World Championship
- j) FIM SuperMoto of Nations
- k) FIM Enduro World Championship
- l) FIM International Six Days' Enduro
- m) FIM Speedway World Championship Grand Prix
- n) FIM Cross Country Rallies World Championship
- o) FIM Dragbike World Cup
- p) FIM Speedway **of** Nations
- q) **FIM Speedway World Cup**

#### 09.4.3 FIM World Championships & Prizes for which the Chief Medical Officer is required to hold a CMO Superlicence

A CMO must be holder of a CMO Superlicence in the FIM World Championships and Prizes listed in the FIM Seminar Guidelines.

New CMO must follow the learning requirements described in the FIM Seminar Guidelines to obtain the CMO Superlicence.

The CMI could request any CMO to follow the learning requirements foreseen in the FIM Seminar Guidelines if they deem it necessary.

The CMI reserves the right to withhold a CMO Superlicence until they deem necessary.

#### 09.4.4 Medical Director (GP)

The Medical Director will be appointed by the contractual partner.

In FIM Circuit Racing **GP WC** his duties shall be:

1. The CMO's point of reference for all medical aspects during the week of the race, as well as the months before during its preparation in collaboration with the FIM Medical Officer



- (GP).
2. To ensure that all aspects of the medical service including the local medical service, **MotoGP™ Health Center** and the FIM Medical Intervention Team are to the required standards.
  3. To be able to communicate at all times with all elements of the medical service in order to be fully informed of any medical issues.
  4. To inspect the circuit with the CMO, FIM Medical Officer (GP), Clerk of the Course and Race Director the day before the first practice session. A further check will be made no later than 30 minutes before the first practice session or race each day to ensure that all medical facilities and staff including the Medical Centre are ready to function and in accordance with the agreed medical plan and the Medical Code, and to report any shortcomings to the CMO, FIM Medical Officer (GP), Race Director and FIM Safety Officer.
  5. To receive from the CMO a signed copy of the FIM Circuit Medical Report Form and the medical plan as agreed during the FIM Medical Homologation and to ensure that the facilities comply with it.
  6. To ensure in collaboration with the FIM Medical Officer (GP) and CMO that all necessary steps are taken to address any deficiencies in the medical plan or performance of the medical responses.
  7. To inform the Race Director in consultation with the FIM Medical Officer (GP) and CMO of any situations where it may be necessary to stop the event in order to deploy the medical intervention vehicles.
  8. To in conjunction with the FIM Medical Officer (GP) and CMO ensure that the intervention in the event of an injured rider is adequate, timely and appropriate.
  9. To participate as necessary with the CMO and the FIM Medical Officer (GP) in decisions regarding riders who have been injured and who wish to compete and there is uncertainty as to their medical fitness to do so.
  10. To assist the FIM Medical Officer (GP) in ensuring the requirements of the FIM Medical code are met.
  11. To meet with the CMO and the FIM Medical Officer (GP) every morning after the medical review, and every afternoon after the official activity has ended to discuss the medical interventions and the status of any injured riders.
  12. Evaluation of the interventions should include video of the performance of the medical activity. Such evaluation will then be included in and inform the subsequent briefing of the medical personnel by the CMO.
  13. To visit the designated hospital for a first event or if there is a change in the designated hospital to ensure the services provided are in accordance with the FIM Medical Code.
  14. Must liaise with the FIM Medical Officer (GP) and CMO during the year before the

event to manage and improve the medical service in any way necessary and ensure the requirements of the FIM Medical Code are completely respected.

#### 09.4.5 FIM WorldSBK Medical Director

The FIM **WorldSBK** Medical Director will be a member of the FIM Medical Commission appointed by the FIM in consultation with the Contractual Partner.

The duties of the FIM **WorldSBK** Director shall be:

1. The CMO's point of reference for all medical aspects during the week of the race, as well as the months before during its preparation.
2. To ensure that all aspects of the medical service including the local medical service, the Clinica Mobile are to the required standards.
3. To be able to communicate at all times with all elements of the medical service in order to be fully informed of any medical issues.
4. To inspect the circuit with the CMO, Clerk of the Course and Race Director the day before the first practice session. A further check will be made no later than 30 minutes before the first practice session or race each day to ensure that all medical facilities and staff including the Medical Centre are ready to function are in accordance with the agreed medical plan and the Medical Code, and to report any shortcomings to the CMO, Race Director, FIM Safety Officer, and FIM Medical Representative.
5. To receive from the CMO a signed copy of FIM Circuit Medical Report Form, and the medical plan as agreed during the FIM Medical Homologation and to ensure that the facilities comply with it.
6. To ensure in collaboration with the FIM Medical Representative and CMO that all necessary steps are taken to address any deficiencies in the medical plan or performance of the medical responses.
7. To be present in Race Control when motorcycles are on the track to observe the performance of the medical responses and to direct and advise the CMO and Race Direction accordingly.
8. To inform the Race Director in consultation with the CMO of any situations where it may be necessary to stop the event in order to deploy the medical intervention vehicles.
9. To ensure in conjunction with the CMO that the intervention in the event of an injured rider is adequate, timely and appropriate.
10. To participate as necessary with the CMO and the FIM Medical Representative in decisions regarding riders who have been injured and who wish to compete and there is uncertainty as to their medical fitness to do so.
11. To attend Event Management Committee meetings.



12. To assist the FIM Medical Representative in ensuring the requirements of the FIM Medical code are met.
13. To obtain from the CMO at the end of each practice session or race a list of fallen riders and to ensure that the list of medically unfit riders held by the CMO is up to date to ensure medically unfit riders are not allowed on the circuit.
14. To meet with the CMO every morning after the medical review, and every afternoon after the official activity has ended to discuss the medical interventions and the status of any injured riders. Evaluation of the interventions should include video of the performance of the medical activity. Such evaluation will then be included in and inform the subsequent briefing of the medical personnel by the CMO.
15. To visit the designated hospital for a first event or if there is a change in the designated hospital to ensure the services provided are in accordance with the FIM Medical Code.
16. To receive from the CMO the List of Medically Unfit riders and forward it to the CMO of the next event.
17. To provide a full written report to the FIM regarding the performance of the medical service and the status of the medical homologation with if necessary any recommendations required for improvement.
18. Must liaise with CMO during the year before the event to manage and improve the medical service in any way necessary and ensure the requirements of the FIM Medical Code are completely respected.

#### 09.4.6 FIM Medical Officer (GP)

The FIM Medical Officer (GP) at an event will be a member of the FIM Medical Commission.

The duties of the FIM Medical Officer (GP) will be:

1. The CMO's point of reference for all medical aspects during the week of the race, as well as the months before during its preparation in collaboration with the Medical Director.
2. To represent and be responsible to the FIM and the FIM International Medical Commission.
3. To undertake as required medical assessments for the FIM Medical Homologation of the circuit and to make relevant recommendations accordingly.
4. To visit the designated hospital for a first event or if there is a change in the designated hospital to ensure the services provided are in accordance with the FIM Medical Code.
5. To receive and review the CMO Medical Questionnaire in advance of the event to confirm it is in compliance with the FIM Medical Homologation and the FIM Medical Code.



6. To ensure the medical service provision is in accordance with the requirements of the FIM Medical Code.
7. To inspect the circuit with the CMO, Medical Director, Clerk of the Course and Race Director the day before the first practice session. A further check will be made no later than 30 minutes before the first practice session or race each day to ensure that all medical facilities and staff including the Medical Centre are ready to function and in accordance with the agreed medical plan and the Medical Code, and to report any shortcomings to the CMO, Medical Director, Race Director and FIM Safety Officer.
8. To be present in Race Control when motorcycles are on the track to observe the performance of the medical responses and to direct and advise the CMO and Race Direction accordingly.
9. To liaise with the CMO and the **MotoGP™ Health Center** during medical interventions and when medical care is being provided to riders.
10. To obtain from the CMO at the end of each practice session or race a list of fallen riders and to ensure that the list of medically unfit riders held by the CMO is up to date to ensure medically unfit riders are not allowed on the circuit.
11. To be in direct communication with the members of the FIM Medical Intervention Team, as well as the drivers of these vehicles.
12. To inform the Race Director in consultation with the CMO of any situations where it may be necessary to stop the event in order to deploy the medical intervention vehicles.
13. To observe and advise the application of the FIM Medical Code and make recommendations accordingly.
14. To inform the Chief Steward, the FIM Medical Commission, the Medical Director and if necessary the Race Direction of any medical arrangement that contravenes the FIM Medical Code.
15. To participate with the Medical Director and CMO in the daily medical reviews of the track to ensure that medical facilities are in accordance with the agreed medical plan and Medical Code and to report any shortcomings to the Race Director, FIM Safety Officer, Medical Director and CMO as appropriate.
16. To ensure in collaboration with the Medical Director and CMO the response of the medical service is fit for purpose and to the required standard on the track and in the medical centre through direct observation and in Race Control.
17. To ensure in collaboration with the Medical Director and CMO that all necessary steps are taken to address any deficiencies in the medical plan or performance of the medical responses.
18. To in conjunction with the Medical Director and CMO ensure that the intervention in the event of an injured rider is adequate, timely and appropriate





19. To assist the Medical Director and CMO in ensuring the medical service provision is to the required operational standard
20. To participate as necessary with the CMO and the Medical Director in decisions regarding riders who have been injured and who wish to compete and there is uncertainty as to their medical fitness to do so.
21. To attend Event Management Committee meetings.
22. Will meet with the CMO and Medical Director every morning after the medical reviews, and every afternoon after the official activity has ended to discuss the medical interventions and the status of any injured riders. Evaluation of the interventions should include video of the performance of the medical activity. Such evaluation will then be included in and inform the subsequent briefing of the medical personnel by the CMO.
23. To provide a full written report to the FIM regarding the performance of the medical service and the status of the medical homologation with if necessary any recommendations required for improvement.
24. To provide a full written report to the CMO with an evaluation of the Medical Service during the weekend. The report should include aspects requiring improvement prior to the next race and reflect good practice by the medical service during the event.
25. To receive from the CMO the List of Medically Unfit riders and forward it to the CMO of the next event.
26. Must liaise with the Medical Director and CMO during the year before the event to manage and improve the medical service in any way necessary and ensure the requirements of the FIM Medical Code are completely respected.

#### 09.4.7 FIM JuniorGP Medical Director

The FIM **JuniorGP** Medical Director will be a member of the FIM Medical Commission appointed by the FIM in consultation with the Contractual Partner.

The duties of the FIM Moto3 Junior Medical Director shall be:

1. The CMO's point of reference for all medical aspects during the week of the race, as well as the months before during its preparation.
2. To ensure that all aspects of the medical service are to the required standards.
3. To be able to communicate at all times with all elements of the medical service in order to be fully informed of any medical issues.
4. To inspect the circuit with the CMO, Clerk of the Course and Race Director no later than 30 minutes before the first official practice session or race each day to ensure that all medical facilities and staff including the Medical Centre are ready to function in accordance with the agreed medical plan and the Medical Code, and to report any



shortcomings to the CMO, Race Director, FIM Safety Officer and FIM Stewards.

5. To receive from the CMO a signed copy of FIM Circuit Medical Report Form, and the medical plan as agreed during the FIM Medical Homologation and to ensure that the facilities comply with it.
6. To ensure in collaboration with the CMO that all necessary steps are taken to address any deficiencies in the medical plan or performance of the medical responses.
7. To be present in Race Control to observe the performance of the medical responses and to direct and advise the CMO and Race Direction accordingly unless required elsewhere for example in the Medical Centre to observe and if necessary and appropriate to assist in the assessment and management of injured riders.
8. To inform the Race Director in consultation with the CMO of any situations where it may be necessary to stop the event in order to deploy the medical intervention vehicles.
9. To ensure in conjunction with the CMO that the intervention in the event of an injured rider is adequate, timely and appropriate.
10. To participate as necessary with the CMO in decisions regarding riders who have been injured and who wish to compete and there is uncertainty as to their medical fitness to do so.
11. To attend Event Management Committee and Race Direction meetings.
12. To assist in ensuring the requirements of the FIM Medical Code are met.
13. To obtain from the CMO at the end of each practice session or race a list of fallen riders and to ensure that the list of medically unfit riders held by the CMO is up to date to ensure medically unfit riders are not allowed on the circuit.
14. To meet with the CMO every morning after the medical review, and every afternoon after the official activity has ended to discuss the medical interventions and the status of any injured riders.
15. Evaluation of the interventions should include video of the performance of the medical activity. Such evaluation will then be included in and inform the subsequent briefing of the medical personnel by the CMO.
16. To visit the designated hospital for a first event or if there is a change in the designated hospital to ensure the services provided are in accordance with the FIM Medical Code requirements.
17. To receive from the CMO the List of Medically Unfit riders and forward it to the CMO of the next event.
18. To provide a full written report to the FIM regarding the performance of the medical service and the status of the medical homologation with if necessary any



recommendations required for improvement.

19. Must liaise with CMO during the year before the event to manage and improve the medical service in any way necessary and ensure the requirements of the FIM Medical Code are completely respected.
20. To communicate with and forward lists of unfit riders to the FIM Medical Directors and Medical Officers in other FIM championships in which the riders also compete.

#### 09.4.8 FIM Medical Representative

The FIM Medical Representative at an event will be a member of the FIM Medical Commission.

The duties of the FIM Medical Representative will be:

1. To represent and be responsible to the FIM and the FIM International Medical Commission.
2. To inspect the circuit with the CMO, Medical Director, Clerk of the Course and Race Director the day before the first practice session. A further check will be made no later than 30 minutes before the first practice session or race each day to ensure that all medical facilities and staff including the Medical Centre are ready to function and in accordance with the agreed medical plan and the Medical Code, and to report any shortcomings to the CMO, Medical Director, Race Director and FIM Safety Officer.
3. To visit the designated hospital for a first event or if there is a change in the designated hospital to ensure the services provided are in accordance with the FIM Medical Code.
4. To receive and review the CMO Medical Questionnaire in advance of the event to confirm it is in compliance with the FIM Medical Homologation and the FIM Medical Code.
5. To ensure the medical service provision is in accordance with the requirements of the FIM Medical Code.
6. To observe and advise the application of the FIM Medical Code and make recommendations accordingly.
7. To inform the Chief Steward, the International Jury, the FIM Medical Commission, the Medical Director, and if necessary the Race Direction of any medical arrangement that contravenes the FIM Medical Code.
8. To participate with the Medical Director, and CMO in the daily medical reviews of the track to ensure that medical facilities are in accordance with the agreed medical plan and Medical Code and to report any shortcomings to the Race Director, FIM Safety Officer, Medical Director and CMO as appropriate.



9. To ensure in collaboration with the Medical Director and CMO the response of the medical service is fit for purpose and to the required standard on the track and in the medical centre through direct observation and in Race Control.
10. To ensure in collaboration with the Medical Director and CMO that all necessary steps are taken to address any deficiencies in the medical plan or performance of the medical responses.
11. To in conjunction with the Medical Director and CMO ensure that the intervention in the event of an injured rider is adequate, timely and appropriate.
12. To assist the Medical Director and the CMO in ensuring the medical service provision is to the required operational standard.
13. To participate as necessary with the CMO and the Medical Director in decisions regarding riders who have been injured and who wish to compete and there is uncertainty as to their medical fitness to do so.
14. To attend Event Management Committee, and International Jury meetings.
15. To provide a full written report to the FIM regarding the performance of the medical service and the status of the medical homologation with if necessary any recommendations required for improvement.

See also Article 09.6

#### 09.4.9 FIM Medical Director in FIM MXGP & MX2 Events

The FIM Medical Director at an event will be a member of the FIM Medical Commission and is appointed by the Director of the Medical Commission in consultation with the Director of the Motocross Commission.

##### A. Overall Role and Responsibilities

The duties of the FIM Medical Director at an MX event shall be:

1. To receive from the CMO a signed copy of the Circuit CMO Questionnaire (appendix F) and to ensure that the facilities comply with it.
2. To inspect the circuit with the CMO and Race Director the day before the first practice session. A further check will be made no later than 30 minutes before the first practice session and at least 15 minutes before the start of subsequent session or race each day to ensure that all medical facilities and staff including the Medical Centre are ready to function and in accordance with the agreed medical plan and the Medical Code, and to report any shortcomings to the CMO, Race Director and FIM Delegate.
3. To obtain from the CMO at the end of each practice session or race a list of injured competitors and to ensure that the list of unfit competitors established by the Medical Director is up to date to ensure unfit competitors are not allowed on the circuit.



4. To attend serious incidents with the CMO or his nominated deputy and render such assistance as may be necessary and to deal with any issues with the medical service around the circuit. A motorcycle or quad if possible should be provided to facilitate this.
5. To observe the promptness and appropriateness of rescue actions and interventions during the event. Whenever possible the Medical Director should be able to watch each race on television with the Race Director to ensure maximum coverage and facilitate rapid decision making.
6. To examine with CMO all competitors listed as injured (Unfit Competitors/Riders List) who wish to compete and to assess and agree their fitness to do so.
7. To attend meetings of the Race Direction.
8. To observe and advise regarding the appropriate application of the Medical Code.
9. To inform the Race Direction, and if necessary the FIM Medical Commission of any medical arrangement that contravenes the FIM Medical Code.
10. To advise regarding the fitness to compete, or otherwise, of an injured competitor.

#### B. Rules of Engagement

1. The Medical Director will work in co-operation with the Race Director and FIM Delegate.
2. The Medical Director will report to the Race Director and FIM Delegate any necessary interventions regarding the medical service.
3. The Medical Director is the final arbiter in relation to medical issues at the event.
4. The Medical Director is independent of the promoter, the organizer and the teams.
5. The Medical Director is a member of the FIM International Medical Commission.
6. The Medical Director is responsible to the FIM.
7. The Medical Director is not responsible for the treatments of the medical service but will ensure that it is sufficient, appropriate and in accordance with the FIM Medical Code.
8. The Medical Director will report any concerns or deficiencies relating to the event medical service provision to the Race Director and FIM Delegate and present proposals to resolve such concerns.
9. In extreme circumstances the Medical Director may in collaboration with the Race Director propose to the Event Management to delay the practice sessions or races or in exceptional circumstances recommend its cancellation.
10. The CMO has the overall responsibility for the medical service.



11. In any case of uncertainty, the Medical Director will contact the Director of the FIM Medical Commission or a medical colleague of the Bureau of the FIM Medical Commission.
12. The Medical Director will send the list of fit and unfit riders to the Medical Commission Coordinator and other relevant officials for onward transmission to the CMO at the following event.
13. The Medical Director will be provided with accident and injury statistics from each event and forward these to the CMI Coordinator for collation.
14. The Medical Director will provide a report to the CMS & CMI Coordinators, CMI Director, CMS Director, Race Director and the Promoter following each event.
15. The Medical Director is available for medical questions and advice for riders, teams and the Promoter and other and will liaise with the CMO and the local medical services on their behalf.
16. The Medical Director will if necessary attend the hospital to ensure the prompt and appropriate treatment of riders and officials if required and to ascertain the arrangements for repatriation.
17. The Medical Director will ensure that arrangements are in place to receive information and updates from the hospitals regarding the condition of injured riders.
18. The Medical Director will provide advice regarding anti-doping requirements to the riders, their doctors, their teams and the CMO.

The overall aim of the Medical Director is to ensure that all participants are provided with rapid, appropriate and all necessary medical care of the highest standard at each event.

This list is not exhaustive and also includes any other duties that are required to ensure the safety and wellbeing of the participants and to ensure the event medical service is in accordance with the FIM Medical Code.

#### C. Other Duties, Roles and Responsibilities Before and During an Event

1. Prior to the event the Medical Director must receive the CMO Questionnaire as required by and in accordance with the FIM Medical Code.
2. Any injured rider must first be seen and assessed by the official event medical service and CMO for emergency treatment and be declared fit or unfit to compete as appropriate. He may then attend any other doctor of his choice. If the CMO advises against this, the rider must sign a declaration that he is seeking other advice and treatment (Appendix C). If necessary the Medical Director is able to overrule the CMO.
3. Any rider, who, after treatment by a doctor not part of the event medical service, wishes to ride, must first obtain authorization for this from the CMO of the event or his deputy, who should consider any recommendation by the doctor treating him. A full report has to be given in writing to the Medical Director.



#### D. Friday

The following times may be subject to change

- a) 14:00 hours: meeting between CMO and Medical Director.
- b) 15:00 hours: participate in inspection of the track.
- c) 16.30 hours: hold final meeting and pre-briefing with CMO.
- d) 17:00 hours: attend organizers meeting.
- e) 17:30 hours: control of medically unfit riders.
- f) 18:00 hours: visit local hospitals (if necessary).
- g) To review the FIM Circuit Medical Report Form and ensure the medical service provision is in compliance (app. F).
- h) To check Medical Centre, equipment, facilities and personnel.
- i) To check equipment of Ground Posts (radio communication, type of stretcher, cervical immobilization equipment etc.).
- j) To check types of ambulances and their equipment.
- k) To check anti-doping facilities.
- l) To check circuit and route maps and evacuation roads.
- m) To check "List of Medically Unfit Riders".
- n) To remind CMO of requirements of FIM Medical Code.
- o) To confirm all arrangements with the hospitals are in place and confirmed.
- p) To report any shortcomings to the Race Director and FIM Officials.
- q) To be present at and participate in the meeting with organizer.
- r) To check the helicopter landing area.

#### E. Saturday

- a) Together with CMO attend briefing for medical personnel.
- b) Inspect the ground posts, ambulances and Medical Center at least 30 minutes before the start of the first session.
- c) If necessary brief CMO to make final changes on the track.
- d) Final checks made by Medical Director during practice.



- e) CMO to inform the Medical Director about any incidents and interventions at the track and in the Medical Center and any referrals to hospital.
- f) The Medical Director will join all Race Direction meetings during the day.
- g) To examine with CMO all riders listed as injured, who wish to compete to assess and advise regarding their medical fitness to do so.
- h) To obtain from the CMO at the end of each day a list of injured riders.
- i) To attend serious incidents with CMO.
- j) To receive copy of “List of Medically Unfit Riders” from CMO.

#### F. Sunday

- a) Together with CMO attend briefing for medical personnel.
- b) Inspect the ground posts, ambulances and Medical Center at least 30 minutes before the start of the first session.
- c) If necessary brief CMO to make final changes on the track.
- d) Final checks made by Medical Director during practice.
- e) CMO to inform the Medical Director about any incidents and interventions at the track and in the Medical Center and any referrals to hospital.
- f) The Medical Director will join all Race Direction meetings during the day.
- g) To examine with CMO all riders listed as injured, who wish to compete to assess and advise regarding their medical fitness to do so.
- h) To obtain from the CMO at the end of each day a list of injured riders.
- i) To attend serious incidents with CMO.
- j) To receive copy of “List of Medically Unfit Riders” from CMO.
- k) The Medical Director will receive a list of unfit riders during the final meeting of Race Direction from the CMO.
- l) The Medical Director will forward the “List of Unfit riders” to the CMO and Medical Director of the next event.

#### 09.4.10 Speedway Grand Prix FIM Medical Delegate – Duties

Beside their usual FIM duties (verification of the medical facilities, ambulances and anti-doping facilities at the stadium and hospital), the SGP Medical Delegate who is appointed by the FIM must:





- a) Attend all the Jury Meetings and wear FIM clothing.
- b) Work in close collaboration with the FMNR Medical staff during the practice and the competition inside the medical rooms or at medical points.
- c) Be present at all the riders' briefings, MUST speak ENGLISH.
- d) Be the Anti-doping Site Coordinator if needed.
- e) Be available for the SGP riders anytime from the signing on until the validation of the results for any questions related to the medical / doping issues or health matters.
- f) Be present in the pits during the practice and race in order to be reachable by the riders or Medical delegates.
- g) Observe and advise the Medical Team (CMO) when there is a crash (Practice/Race).
- h) Observe and advise on the application of the Medical Code and STRC (red book), please refer to 079.8.1 and 079.8.2.
- i) If necessary, make a written report to the CMI director and the CCP director regarding the event visited, report on how he felt the local Medical staff handled the different situations, suggest future improvements to be made.

#### 09.4.11 FIM Endurance Medical Director

The FIM Endurance Medical Director at an event will be a member of the FIM Medical Commission.

1. The responsibilities of the FIM Endurance Medical Director will be:
  - a) To represent and be responsible to the FIM and the FIM International Medical Commission.
  - b) To work in co-operation with the Race Director and other FIM Officials including the FIM Safety Officer, FIM Jury President, FIM Jury Members, FIM Technical Director and FIM Stewards
  - c) To report to the Race Director and FIM Officials any necessary interventions regarding the medical service.
  - d) To be responsible for liaison with the appointed CMO for the event to ensure compliance with the Medical Code.
  - e) To be the final arbiter in relation to medical issues at the event.
  - f) To ensure that all aspects of the medical service including the local medical service are to the required standards.
  - g) To ensure the medical service provision is in accordance with the requirements of the



FIM Medical Code.

- h) To observe and advise the application of the FIM Medical Code and make recommendations accordingly.
  - i) To inform the Chief Steward, the International Jury, the FIM Medical Commission, and if necessary the Race Direction of any medical arrangement that contravenes the FIM Medical Code.
  - j) To assist the CMO in ensuring the medical service provision is to the required operational standard.
  - k) To attend Event Management Committee and International Jury meetings.
  - l) To provide a full written report to the FIM regarding the performance of the medical service and the status of the medical homologation with if necessary any recommendations required for improvement.
2. The duties of the FIM Endurance Medical Director will be:
- a) The CMO's point of reference for all medical aspects during the week of the race, as well as the months before during its preparation.
  - b) To be able to communicate at all times with all elements of the medical service in order to be fully informed of any medical issues.
  - c) To inspect the circuit with the CMO, Clerk of the Course and Race Director the day before the first practice session. A further check will be made no later than 30 minutes before the first practice session or race each day to ensure that all medical facilities and staff including the Medical Centre are ready to function are in accordance with the agreed medical plan and the Medical Code, and to report any shortcomings to the CMO, Race Director and FIM Safety Officer.
  - d) To receive from the CMO a signed copy of FIM Circuit Medical Report Form, and the medical plan as agreed during the FIM Medical Homologation and to ensure that the facilities comply with it.
  - e) To ensure in collaboration with the CMO that all necessary steps are taken to address any deficiencies in the medical plan or performance of the medical responses.
  - f) To be present in Race Control when motorcycles are on the track to observe the performance of the medical responses and to direct and advise the CMO and Race Direction accordingly.
  - g) To inform the Race Director in consultation with the CMO of any situations where it may be necessary to stop the event in order to deploy the medical intervention vehicles.
  - h) To ensure in conjunction with the CMO that the intervention in the event of an injured rider is adequate, timely and appropriate.



- i) To participate as necessary with the CMO in decisions regarding riders who have been injured and who wish to compete and there is uncertainty as to their medical fitness to do so.
- j) To obtain from the CMO at the end of each practice session or race a list of fallen riders and to ensure that the list of medically unfit riders held by the CMO is up to date to ensure medically unfit riders are not allowed on the circuit.
- k) To meet with the CMO every morning after the medical review and every afternoon after the official activity has ended to discuss the medical interventions and the status of any injured riders. Evaluation of the interventions should include video of the performance of the medical activity. Such evaluation will then be included in and inform the subsequent briefing of the medical personnel by the CMO.
- l) To visit the designated hospital for a first event or if there is a change in the designated hospital to ensure the services provided are in accordance with the FIM Medical Code.
- m) To receive from the CMO the List of Medically Unfit riders and forward it to the CMO of the next event.
- n) Must liaise with CMO during the year before the event to manage and improve the medical service in any way necessary and ensure the requirements of the FIM Medical Code are completely respected.

#### 09.4.12 Other Doctors

- a) Any injured rider must first be seen and assessed by the official event medical personnel for emergency treatment and be declared medically fit or unfit to compete as appropriate. He may then attend any other doctor of his choice. If the CMO advises against this, the rider must sign a declaration that he is seeking other advice and treatment (Appendix C).
- b) Any rider, who, after treatment by a doctor not part of the event team, wishes to compete, must first obtain authorisation for this from the CMO of the event or his deputy, who should be provided with a report of any investigations or interventions and consider any recommendation by the doctor treating the rider.

#### 09.4.13 Medical Intervention Team (GP)

- a) In order to ensure the highest standard of immediate medical care to injured riders two vehicles type A (Medical Intervention Vehicles) with a professional driver will be provided by the promoter at all races. Their role will be the provision of immediate trackside medical assistance in the event of serious injury, until transfer to the medical centre or hospital. These vehicles must be in position for any session to start.
- b) The personnel of these vehicles must be present the day before the start of the event for the track inspection as well as the scenario-based demonstration and training. The personnel of these vehicles will be in direct communication with the CMO, Medical Director and/or FIM Medical Officer (GP) throughout the event.



#### 09.4.13.1 FIM Medical Intervention Team Personnel (GP)

**a) Doctors can participate as members of the Medical Intervention Team, if they:**

1. are fully qualified, registered and licensed medical practitioners.
2. have a specialist qualification in a relevant medical specialty such as anaesthetics (anaesthesiology), intensive care medicine, emergency medicine, pre-hospital emergency care, trauma medicine etc.
3. have a minimum of 5 years relevant specialist experience and training.
4. have appropriate medical malpractice insurance for the country in which the event is taking place.
5. can provide evidence of ongoing involvement in resuscitation and provision of emergency and acute care to patients with significant trauma in a hospital or out of hospital environment.
6. can provide evidence of ongoing professional development and training in the management of patients with polytrauma.
7. can communicate in English.
8. must participate in the Medical Intervention Simulation and training following the track inspection on the day prior to the first practice session of the event in which they will take part.

**b) Nurses and paramedics can participate as members of the Medical Intervention Team if they:**

1. are fully professionally qualified and registered.
2. have a specialist qualification in a relevant specialty such as anaesthetics (anaesthesiology), intensive care medicine, emergency medicine, pre-hospital emergency care, trauma medicine etc.
3. have a minimum of 5 years' experience in a relevant specialty.
4. have appropriate medical malpractice insurance for the country in which the event is taking place.
5. can provide evidence of ongoing involvement in resuscitation and provision of emergency and acute care to patients with significant trauma in a hospital or out of hospital environment.



6. can provide evidence of ongoing professional development and training in the management of patients with polytrauma.
7. can communicate in English.
8. must participate in the Medical Intervention Simulation and training following the track inspection on the day prior to the first practice session of the event in which they will take part.

#### 09.4.13.2 Deployment of FIM Medical Intervention Vehicles (GP)

- a) The FIM Medical Intervention vehicles will be deployed by the Race Director when the race or practice session is interrupted following the display of the red flag on the recommendation of and in consultation with the CMO, FIM Medical Officer (GP) or Clerk of the Course.
- b) When a rider is unconscious or suspected of having a spinal or other serious injuries and will require prolonged trackside medical intervention such information must be immediately communicated by ground post personnel to the CMO who will immediately inform the Race Director that a red flag is required. Once the red flag has been established in a situation as described above the FIM Medical Intervention Vehicles will always be deployed by the Race Director.
- c) When the FIM Medical Intervention Vehicles are deployed, the ground post staff will provide treatment without moving or transferring the rider. Once the FIM Medical Intervention Vehicles have arrived, the ground post staff will provide assistance to the FIM Medical Intervention Team.

#### 09.4.14 Clinica Mobile

For many years the CLINICA MOBILE, and its personnel, has attended GP and **WorldSBK** events and has gained a considerable reputation among riders and support personnel.

The CLINICA MOBILE has treatment facilities and its personnel have considerable experience in treating riders' injuries and illnesses. Many riders prefer treatment by the CLINICA MOBILE personnel to treatment by others. The parties involved in the FIM **WorldSBK** Championships fully support the CLINICA MOBILE personnel and the CLINICA MOBILE will be in attendance at events with the full co-operation of event organisers and CMOs.

The CLINICA MOBILE personnel will treat those riders who wish to be treated by them only after they have been seen by the CMO or their nominated deputy. The CMO should declare riders medically fit or unfit as normal, after which they may go to the CLINICA MOBILE if they wish. The CLINICA MOBILE personnel will give a medical report to the CMO, Medical Director, FIM **WorldSBK** Medical Director after assessment and treatment. A rider who has been declared medically unfit to compete, who after treatment by the CLINICA MOBILE personnel then wishes to race, must present himself back to the CMO for re-examination.

A rider who prefers treatment by the CLINICA MOBILE personnel when advised by the CMO otherwise is entitled to take his own course of action, but should sign a form indicating it was against local medical advice, (see Appendix C). If the rider decides he wishes to be treated in a hospital of his own choice, the CMO, using the means at his disposal at the circuit (ambulance, helicopter, etc.), must allow the rider to reach such hospital:

i.e. the rider must be allowed to be transported by ambulance or helicopter from the circuit to the nearest airport.

One doctor from the CLINICA MOBILE will normally be present in the Medical Centre to observe when a rider is being assessed and treated. Similarly, a doctor from the CLINICA MOBILE may, when necessary and feasible, accompany an injured rider to hospital.

When it is not feasible to accompany a rider, a doctor from the CLINICA MOBILE may follow the rider to hospital.

#### 09.4.15 The MotoGP Health Center

**The MotoGP Health Center is coming to the FIM GP WC from 2023 and will provide a range of preventative care and treatment, including new physiotherapy methods to help riders recover from and prepare for their time on track.**

**The full MotoGP Health Center world-leading facility will be on the ground at every Grand Prix in Europe, and the same roster of treatments, staff and services will be available throughout the 21-Grand Prix 2023 season.**

#### 09.4.16 Centre Medical Mobile

The CENTRE MEDICAL MOBILE and its personnel have attended Motocross events and have gained a considerable reputation over many years among riders and support staff.

The CENTRE MEDICAL MOBILE has X-Ray, ultrasound and treatment facilities. Its staff has considerable experience in treating riders' injuries and illnesses. Many riders may prefer treatment by the CENTRE MEDICAL MOBILE staff to treatment by others.

The parties involved in the FIM MXGP & MX2 World Championships fully support the CENTRE MEDICAL MOBILE staff and the CENTRE MEDICAL MOBILE will be in attendance at events with the full co-operation of the FIM, event organisers and CMOs.

The CMO must declare riders medically fit or unfit. The CENTRE MEDICAL MOBILE staff will treat those riders who wish to be treated by them.

The CENTRE MEDICAL MOBILE staff will give a medical report to the CMO after assessment and treatment. A rider who has been declared medically unfit to race, who after treatment by the CENTRE MEDICAL MOBILE staff then wishes to compete, must present himself back to the CMO for re-examination.

## 09.4.17 Qualification of Medical Personnel

### 09.4.17.1 Qualification of Doctors

Any doctor participating at a motorcycle event who will provide initial medical interventions to an injured rider either at the trackside, in the Medical Centre or during transport to hospital:

1. Must be a fully qualified and registered medical practitioner.
2. Must be authorised to practice in the relevant country or state, (see also art. 09.4.1).
3. Must be qualified in and able to carry out emergency treatment and resuscitation.

### 09.4.17.2 Qualification of Paramedics (or equivalent)

Any paramedic (or equivalent) participating at a motorcycle event:

1. Must be fully qualified and registered as required by the relevant country or state.
2. Must be experienced in emergency care.

### 09.4.17.3 Identification of Medical Personnel

- a) All medical personnel must be clearly identified.
- b) All doctors and paramedics must wear a garment clearly marked with “DOCTOR” or “DOCTEUR” and “MEDICAL” respectively, preferred in red on a white background on the back and on the front.

## 09.5 MEDICAL EQUIPMENT

### 09.5.1 Vehicles

#### 09.5.1.1 Definition of Vehicles

Vehicles are defined as follows:

Type A: A vehicle for rapid intervention at accident areas to give the injured immediate assistance for respiratory and cardio-circulatory resuscitation. This vehicle should have “MEDICAL” clearly marked on it in large letters. The type of vehicle used should be appropriate for this purpose in the relevant discipline.

Type B: A highly specialised vehicle for the provision of advanced treatment, transport and can serve as a mobile resuscitation centre.

Type C: A vehicle capable of transporting an injured person on a stretcher in reasonable conditions.

### 09.5.1.2 Equipment for Vehicle Type A (Medical Intervention Vehicle)

#### **A. Personnel:**

##### **Type A1:**

1. a driver, experienced in driving the Type A vehicle and familiar with the course.
2. a doctor, experienced in emergency care.
3. a second doctor or paramedic (or equivalent), experienced in emergency care.

##### **Type A2:**

1. a driver, experienced in driving the Type A vehicle and familiar with the course.
2. paramedics (or equivalent) experienced in emergency care.

#### **B. Medical equipment:**

1. Portable oxygen supply
2. Manual ventilator
3. Intubation equipment
4. Suction equipment
5. Intravenous infusion equipment
6. Equipment to immobilise limbs and spine (including cervical spine)
7. Sterile dressings
8. ECG monitor and defibrillator
9. Drugs for resuscitation and analgesia /IV fluids
10. Sphygmomanometer and stethoscope

#### **C. Other equipment:**

1. A method e.g. protective canvas / tarpaulins in order to screen the rider or the accident scene from public view.

Equipment should be easily identified and stored in such a way that it can be used at ground level at the trackside.

#### **D. Technical equipment:**

1. Radio communication with Race Control and the CMO
2. Visible and audible signals





3. Equipment to remove suits and helmets

**For GP and WorldSBK World Championships:**

The minimum number of medical intervention vehicles is 2. In the case of an accident during the warm up lap or first lap of the race, the medical intervention vehicles should not stop unless instructed to do so by the Race Director.

**09.5.1.3 FIM Medical Intervention Team (GP)**

The promoter will provide type A vehicles with a professional driver, for which the local medical service will provide the personnel and equipment.

**A. Personnel:**

1. a driver experienced in driving the vehicle will be provided by the promoter.
2. a doctor experienced in resuscitation and the provision of immediate emergency care and a holder of the relevant FIM Medical Intervention Team License. Refer to 09.4.11.1 above.
3. a nurse or paramedic experienced in resuscitation and the provision of immediate emergency care and a holder of the relevant FIM Medical Intervention Team License. Refer to 09.4.11.1 above.

**B. Medical equipment:**

1. Portable oxygen supply
2. Basic and Advanced Airway Management including intubation and surgical airway interventions
3. Suction equipment
4. Manual ventilator such as BVM and associated equipment
5. Equipment for chest decompression
6. Equipment for vascular access, infusion, circulatory support and haemorrhage control
7. Cardiac Monitor and Defibrillator
8. Blood pressure monitoring equipment
9. Equipment to immobilise limbs and spine (including cervical spine)
10. Sterile dressings
11. Drugs for resuscitation, intubation, anaesthesia, sedation, analgesia and intravenous fluids



12. Equipment to remove race suits and helmets
13. The provision of necessary medications and equipment will be the responsibility of the local medical service.
14. Only material necessary for the provision of medical care is permitted in FIM Medical Intervention Team vehicles. Other materials such as food etc. is not permitted at any time.
15. Equipment should be easily identified, portable and stored in such a way that it can be used at ground level at the trackside.
16. The equipment must be presented for review and familiarisation during the afternoon following the track safety inspection.

**C. Technical equipment:**

1. Radio communication with Race Control, the CMO and Medical Director
2. Visible and audible signals

**09.5.1.4 Equipment for Vehicle Type B**

**A. Personnel:**

**Type B1:**

1. A driver
2. A doctor experienced in emergency care
3. Paramedics or equivalent

**Type B2:**

1. A driver
2. Two paramedics or equivalent experienced in emergency care

**B. Medical equipment:**

1. Portable oxygen supply
2. Manual and an automatic ventilator
3. Intubation equipment
4. Suction equipment
5. Intravenous infusion equipment
6. Equipment to immobilise limbs and spine (including cervical spine)



7. Sterile dressings
8. Thoracic drainage / chest decompression equipment
9. Tracheotomy / surgical airway equipment
10. Sphygmomanometer and stethoscope
11. Stretcher
12. Scoop stretcher
13. ECG monitor and defibrillator
14. Pulse oximeter
15. Drugs for resuscitation, analgesia and IV fluids

**C. Technical equipment:**

1. Radio communication with Race Control and the CMO
2. Visible and audible signals
3. Equipment to remove suits and helmets
4. Air conditioning and refrigerator are recommended

**For FIM GP and WorldSBK World Championships:**

1 such ambulance must be on stand by at the medical centre.

**09.5.1.5 Equipment for Vehicle Type C**

**A. Personnel:**

1. Two ambulance personnel or paramedics of whom one would be the driver and the other would be a person capable of giving first aid.

**B. Medical equipment:**

1. Stretcher
2. Oxygen supply
3. Equipment to immobilise limbs and spine (including cervical spine)
4. First aid medicaments and materials

**C. Technical equipment:**

1. Radio communication with Race Control and the CMO

## 2. Visible and audible signals

### 09.5.2 Helicopter

- a) A helicopter, which is normally required, must be fully equipped with adequate personnel and equipment and be appropriately licensed for the relevant country and flown by an experienced pilot familiar with medical air evacuation and the potential landing sites. The medical personnel - doctor and paramedic(s) or equivalent - should be qualified in and able to carry out emergency treatment and resuscitation. The helicopter should be of a design and size that will allow continuing resuscitation of an injured rider during the journey. It should be positioned close to the Medical Centre such that an ambulance journey between Medical Centre and helicopter is not necessary (compulsory in FIM Circuit Racing GP, **WorldSBK** World Championships, Endurance WC and ISDE) or depending on the legislation of the relevant country and the location of the event be available "on call" 20 minutes or less away from call time to landing at the venue.
- b) By exception, in **WorldSBK** Championship following consultation between the CMO, FIM **WorldSBK** Medical Director and FIM Medical Representative if there is a hospital which has been accepted by the FIM for the management of significant trauma with an agreement in place to treat injured riders 20 minutes or less by road under emergency driving conditions from the circuit, a helicopter may not be required to be present for that event providing adequate vehicles type B are available.

In FIM Circuit Racing GP, **WorldSBK** WC, it is permissible for the helicopter to leave the circuit to transfer an injured rider to hospital without the need to stop the event with the agreement of the Chief Medical Officer, Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Officer (GP) and Race Director providing that it will have returned to the circuit within the time required to prepare a further rider for transfer by helicopter. If the distance to hospital by air or severe weather does not permit this a further helicopter "on site" may be required.

- c) In these circumstances or if the weather conditions or other factors prevent the use of the helicopter after consultation between the CMO, Medical Director, FIM **WorldSBK** Medical Director, FIM Medical Officer (GP) and FIM Medical Representative further transfers may be undertaken by road by emergency ambulance providing the hospital is in reasonable distance. The designated hospital should normally be within 20 minutes by air and 45 minutes by road.
- d) If the hospital is not within a reasonable distance of the event and transfer by helicopter is not possible, consideration should be given to stopping the event.
- e) To ensure the availability of a helicopter at all times during the event, it is recommended that 2 helicopters be available.
- f) At some events and disciplines, such as cross country rallies a helicopter can be used as a type A vehicle in which case the numbers should be sufficient to provide assistance with the minimum of delay.



### 09.5.3 Medical Ground Posts

- a) These are placed at suitable locations and in sufficient numbers around the circuit to provide rapid medical intervention and if appropriate evacuation of the rider from danger with the minimum of delay. The personnel must have sufficient training and experience to take action autonomously and immediately in case of an accident.
- b) For protection of riders and the ground post staff, the ground post should be equipped with easily movable safety barriers and if possible protective canvas/tarpaulins in order to screen the rider or the accident scene from public view.

#### A. Personnel:

1. There should be a minimum of three personnel at each medical ground post at least one of which should be a doctor or paramedic or equivalent experienced in emergency care with the others to assist them, carry equipment and act as stretcher bearers.

##### Type GP1:

1. A doctor experienced in resuscitation and the pre-hospital management of trauma and
2. First aiders or stretcher bearers

##### Type GP2:

1. At least one paramedic or equivalent experienced in resuscitation and the pre-hospital management of trauma and
2. Two first aiders or stretcher bearers

#### B. Medical equipment: for all disciplines

Equipment for initiating resuscitation and emergency treatment including:

1. Initial airway management
2. Ventilatory support
3. Haemorrhage control & circulatory support
4. Cervical collar
5. Extrication device – This should be a Scoop stretcher or if not available a spinal board or equivalent.
6. Devices such as “NATO” or other canvas stretchers that require the rider to be lifted on to them are no longer acceptable.

#### C. Technical equipment: for all disciplines

1. Radio communication with Race Control and the CMO
2. Adequate shelter for staff and equipment should be available.

#### 09.5.4 Pit Lane Ground Post (Circuit Racing Only)

##### A. Personnel:

1. A doctor and paramedic (or equivalent) experienced in emergency care must be positioned in the pit lane.
2. One or more pit lane ground posts, depending on the length of the pit lane are required.

##### B. Medical equipment:

1. Airway management and intubation equipment
2. Drugs for resuscitation and analgesia/ IV fluids
3. Cervical collars
4. Manual respiration system
5. Intravenous infusion equipment
6. First aid equipment
7. Scoop stretcher or if not available a spinal board or equivalent

##### C. Technical equipment:

1. Radio communication with Race Control and the CMO

#### 09.5.5 Medical Centre

- a) Depending on the discipline, event and location, a medical centre should be available.
- b) This may be a permanent (compulsory at Circuit Racing) or temporary structure with adequate space to treat injured riders for both major and minor injuries.
- c) A hospital outside the circuit is not an alternative to the medical centre at an event.
- d) For Circuit Racing WC events, please refer to Art. 13.3 of the FIM Standards for Circuit Racing (SRC).

##### 09.5.5.1 The Medical Centre Facilities & Equipment

Depending on the discipline, event and location, the medical centre should provide:

1. A secure environment from which the media and public can be excluded

2. An area for easy access, parking and exit of First Aid vehicles, preferably with a covered unloading area
3. A helicopter landing area nearby
4. One or two rooms large enough to allow resuscitation of at least two severely injured riders simultaneously (resuscitation area)
5. A permanent or portable digital X-ray machine, appropriate to detect usual bone injuries encountered in motorcycle sport, must be available at Circuit Racing World Championship events (GP, **WorldSBK**, **JuniorGP** and Endurance) and is recommended for all other events provided it is not prohibited by national legislation.
6. A room large enough to treat more than one rider with minor injuries simultaneously. It is advisable to have temporary separation available in this area, e.g. curtains or screens
7. A reception and waiting area
8. A doctor's room
9. A toilet and shower room with disabled access
10. A personnel changing room with male and female toilets
11. A medical personnel room for a minimum of 12 persons
12. Radio communication with Race Control, the CMO, ambulances and ground posts
13. If the medical centre has a normal electric power supply, it must also be permanently connected to its own U.P.S. (Uninterruptible Power Supply)
14. A water supply, heating, air-conditioning and sanitation appropriate to the country
15. Closed circuit TV monitor
16. Office facilities
17. A dirty utility room
18. Equipment storage
19. A security fence
20. Telephones
21. A security guard
22. Parking for ambulances

#### 09.5.5.2 Room Requirements

1. 1 resuscitation room or
2. 2 resuscitation rooms with a separate entrance away from the general public entrance
3. Minor treatment room
4. X-ray room
5. Medical personnel room
6. Wide corridors and doors to move patients on trolleys
7. Sample drawings of medical centre models are available from the FIM Executive Secretariat for reference.

#### 09.5.5.3 Equipment for Resuscitation Areas

1. Equipment for endotracheal intubation, tracheotomy and ventilatory support, including suction, oxygen and anaesthetic agents.
2. Equipment for intravenous access including cut-down and central venous cannulation and fluids including colloid plasma expanders and crystalloid solutions.
3. Intercostal drainage equipment and sufficient surgical instruments to perform an emergency thoracotomy to control haemorrhage.
4. Equipment for cardiac monitoring and resuscitation, including blood pressure and ECG monitors and a defibrillator.
5. Equipment for immobilising the spine at all levels.
6. Equipment for the splinting of limb fractures.
7. Drugs/IV fluids including analgesic, sedating agents, anticonvulsants, paralyzing and anaesthetic agents, cardiac resuscitation drugs/IV fluids.
8. Equipment for the management of electrical and chemical burns such as showers and burns dressing.
9. Tetanus toxoid and broad spectrum antibiotics are recommended.
10. Equipment for diagnostic ultrasound.
11. A permanent or portable digital X-ray machine, appropriate to detect usual bone fractures in motorcycle sport, must be available at World Championship Circuit Racing events (GP, **WorldSBK**, **JuniorGP** and Endurance) and is recommended for all other events provided it is not prohibited by national legislation.



#### 09.5.5.4 Equipment for Minor Injuries Area

The area must have beds, dressings, suture equipment and fluids sufficient to treat up to three riders with minor injuries simultaneously. Sufficient stocks to replenish the area during the event must be available and sufficient doctors, nurses and paramedics or equivalent experienced in treating trauma must be available.

#### 09.5.5.5 Staff of Medical Centre

The following specialists should be immediately available in the medical centre at World Championship Circuit Racing events (GP and **WorldSBK**) and are recommended for all other events:

1. Trauma resuscitation specialist (e.g. Anaesthetist, Accident and emergency specialist, Intensive care specialist);
2. Surgeon experienced in trauma.
3. Medical personnel, nurses and paramedics (or equivalent) should be present in a sufficient number and should be experienced in resuscitation, diagnosis and treatment of seriously injured patients.

#### 09.5.5.6 Doping Test Facilities

See Anti-Doping Code.

### 09.6 MEDICAL HOMOLOGATION OF CIRCUITS (ONLY CIRCUIT RACING GP/ WORLD SBK/ ENDURANCE/ SIDECAR AND MXGP/ MX2/ MOTOCROSS OF NATIONS/ SPEEDWAY GP/ MEDICAL ASSESSMENT OF EVENTS)

- a) Circuits at which Circuits Racing FIM GP & **WorldSBK** World Championships, FIM Endurance, FIM MXGP, FIM MXoN, FIM Speedway GP WC events take place require medical assessment and homologation in order to hold FIM World Championship events.
- b) Circuits in other FIM World Championship events may be medically assessed and to homologated upon decision and request of the FIM CMI and/or related FIM Sport Commissions.
- c) The specific requirement for each circuit will be decided by the Assessor appointed by the FIM CMI in collaboration with the Circuit CMO, who has to be present, according to the requirements of the championships' organisers/promoters and with reference to the FIM Medical Code. A medical assessment report will be issued by the FIM Medical Assessor.
- d) Sample drawings of Medical Centre models (appendices I and J) are available from the FIM Administration for reference.



- e) The FIM also reserves the right to review such a homologation at any time. For details of the procedure, see appendix H.
- f) In those disciplines where a FIM Medical Director/Officer/Representative is normally present (currently FIM Circuit Racing GP, **WorldSBK**, Endurance, MXGP, MXoN and SGP WC) the medical homologation is an integral part of the overall circuit assessment and an assessment will be undertaken jointly with the relevant sporting commission representatives.
- g) For all other events at which a FIM Medical Representative is not normally present the FMNR must ensure that the CMO Questionnaire and medical plan are provided to the FIM at least 60 days prior to the event for consideration by a relevant member of the FIM Medical Commission who will provide advice concerning the proposed medical facilities for the event.

#### 09.6.1 Grading of Circuit Assessments and Homologations for GP/ WorldSBK/ Endurance/ MXGP/ MXoN/ SGP

The medical assessment and homologation will be graded as follows:

A: 1 year

A medical assessment and medical homologation report will be issued.

B: Further improvements to the medical service are required and a further medical assessment is compulsory the following year.

Medical assessment may be required prior to next event

In the event of two successive assessments resulting in grade B, the circuit will automatically be downgraded to grade C as defined below.

C: The medical service provision does not comply with the requirements of the FIM Medical Code and further medical assessments are compulsory prior to any FIM event taking place.

Further medical assessment is required before any FIM event can take place until the circuit obtains at least a grade B.

#### 09.6.2 Grading of Assessment and Homologations of Events for all FIM WC Events (except FIM GP/ WorldSBK/ Endurance/ MXGP/ MXoN/ SGP)

The medical assessment and homologation will be graded as follows:

A: 3 years

A medical assessment and homologation report will be issued.

B: Further improvements to the medical service are required and a further medical assessment may be carried out at the following year.



Medical assessment may be carried out before the next event.

In the event of two successive assessment resulting in grade B, the circuit will automatically be downgraded to grade C as defined below.

- C: The medical service provision does not comply with the requirements of the FIM Medical Code and further medical assessment are compulsory prior to any FIM event taking place.

Further medical assessment is required before any FIM event can take place until the circuit obtains at least a grade B.

## 09.7 MINIMUM MEDICAL REQUIREMENTS FOR EVENTS

- a) The medical service comprising of equipment, vehicles and personnel must be organised in such a way and in sufficient number to ensure that an injured rider can be provided with appropriate and all necessary emergency treatment with the minimum of delay and to facilitate their rapid transfer to further medical treatment in an appropriately equipped medical centre or definitive medical care in a hospital with the necessary facilities to deal with their injuries or illness should this be required.
- b) The CMO will therefore determine the number, location and type of vehicles, helicopter, equipment and personnel that are required to achieve this for a specific event taking into consideration the circuit and event location.
- c) The minimum medical requirements will be subject to confirmation and agreement following assessment and review by the FIM Medical Representative/Medical Director/FIM **WorldSBK** Medical Director/FIM Medical Officer (GP)).
- d) A doctor or doctors must be available to provide initial medical intervention directly or following initial assessment and treatment by the paramedic teams.
- e) In all cases the medical equipment and personnel must be capable of providing treatment for both serious and minor injuries in optimal conditions and with consideration for climatic conditions.
- f) In all cases, the transfer of an injured rider to a medical centre or hospital either by ambulance or by helicopter must not interfere with the event and the CMO must plan to have sufficient replacement equipment and personnel available to allow the event to continue.
- g) **For clarity, the minimum number of vehicles type B (ambulances) to allow racing to continue is one (1). Should this ambulance be required to leave the event to transport an injured rider to hospital, racing must stop until it returns. In some championships, the minimum number is stated as two (2). In this case, should an ambulance be required to leave the event, racing can continue. If, however, the remaining ambulance is also required to leave, racing must stop. It is therefore strongly recommended that in order to ensure the continuity of the event that the number of ambulances present exceeds the minimum required number.**



- h) The following are recommended minimum requirements for the medical services at various events and disciplines subject to the above requirements:



### 09.7 Minimum Medical Requirements

Equipment	Circuit Racing (Art. 09.7.1)	Hill Climbs (Art. 09.7.2)	Dragbike (Art. 09.7.3)	Road Racing Rallies (Art. 09.7.4)	Motocross (Art. 09.7.5)	Supercross, (Art. 09.7.6)	Supermoto Snowcross (Ar.09.7.7)	Motocross Freestyle (Art. 097.8)
Vehicle Type A	X	X (art. 09.7.2)		1	1	<b>2</b>	1 (recommended)	
Vehicle Type B	X	2	2	1	2	2	2	1
Vehicle Type C	X			1	X (MXGP/MX2/MXoN)			1
Pit Lane Ground Post	X				X			
Evacuation Route	X				X			
Ground Post	X				X	<b>4</b>	X	
Medical Centre	Compulsory				Recommended (Compulsory in MXGP- MX2+MXoN)	<b>X (1 X-ray recommended)</b>		
Helicopter	If required (compulsory in GP + WorldSBK)				Art. 09.5.2			
Doctors	X +1 CMO		1 CMO			<b>1 CMO</b>		



Equipment	Motoball (Art. 09.7.9)	Track Racing (Art. 09.7.10)	Trial (Art. 09.7.11)	X-Trial (Art. 09.7.12)	Hard Enduro (Art. 09.7.13)	Enduro (Art. 09.7.14)	FIM Sand Race (Art. 09.7.15)	Cross- Countries & Bajas (Art. 09.7.16)	Indoor Enduro (Art. 097.17)
Vehicle Type A			1		1	X Placed at specifically difficult points	X Placed at specifically difficult points	X 1 doctor and 1 paramedic (or equivalent)	1
Vehicle Type B	1	2 (1 for practice)	2	2	1	1	2		1
Vehicle Type C					1	1	1		1
Pit Lane Ground Post									
Ground Post							X		
Medical Centre		1 (Medical Room)				Only ISDE	X		
Helicopter						Only ISDE with a winch		X + 1 doctor	
Doctors		1 CMO	1 CMO	1 CMO	1 CMO	1 CMO	1 CMO		

X= number as per medical homologation / per layout or length of the track



Equipment	MotoE (Art. 09.7.18)	FIM Land Speed World Records (Art. 09.7.19)	E-Bike (Art. 09.7.20)	Official Testing (GP & WorldSBK) (Art. 09.7.19)
Vehicle Type A	X		1	1
Vehicle Type B	X	1a) = 1 2a) = 2	2	2
Vehicle Type C	X			
Pit Lane Ground Post	X			
Ground Post	X			
Medical Centre	Compulsory			Compulsory
Helicopter	Compulsory	<b>On call</b>		
Doctors	X + 1 CMO	<b>1b) -2b) = 1x doctor or CMO</b>	1 CMO	X + 1 CMO

### 09.7.1 Circuit Racing

- a) Vehicles type A (number and position as per the FIM medical homologation) are to be placed in such a way and in such numbers that a fallen rider can be reached by them within the minimum of delay from their deployment by Race Control.
- b) In GP: two FIM Medical Intervention vehicles (type A) will be provided by the promoter and must be placed in such a way that a fallen rider can be reached by them with the minimum of delay from their deployment by Race Control. One should be located at the end of pit lane, and will serve as a medical car during the first lap of the races. The second should be located in the service road with an asphalt entry to the track, at approximately half the track's distance.
- c) Vehicle(s) type B (number and position as per the FIM Medical Homologation) are to be placed in such a way that a fallen rider can be reached and transported with minimum delay after coming to rest with ongoing treatment being provided during transport.
- d) Vehicle(s) type C (number and position as per the FIM Medical Homologation) are to be placed in such a way that a fallen rider can be transported with minimum delay after coming to rest only if no treatment is required.
- e) Medical Ground posts (number and position as per FIM Medical Homologation) are to be placed in such a way that a fallen rider can be reached and initial assessment and treatment commenced with the minimum of delay.
- f) Pit lane ground post
- g) A medical centre
- h) A helicopter, if required (compulsory for FIM GP & **WorldSBK**)

N.B. the only amendment permitted to this in principle is that a vehicle type C may be replaced by a vehicle type B.

### 09.7.2 Hill Climbs

- a) 1 vehicle type A if the course can be covered by the medical vehicles in less than three minutes. If the entire course cannot be covered by the medical vehicles in less than three minutes then more vehicles type A, one placed at the start and others placed at suitable intervals, are required.
- b) 2 vehicles type B

### 09.7.3 Dragbike

- a) 2 vehicles type B
- b) 1 CMO with a license



#### 09.7.4 Road Racing Rallies

- a) 1 Vehicle type A
- b) 1 Vehicle type B
- c) 1 Vehicle type C

#### 09.7.5 Motocross

- a) 1 vehicle type A
- b) 2 vehicles type B
- c) Ground posts including a pit-lane ground post in FIM MXGP/MX2 WC and MXoN.
- d) A route to evacuate the injured rider from the inside to the outside of the track, via a road, a tunnel or a bridge to avoid the need to cross the track during racing.
- e) A helicopter is recommended but in certain circumstances may be compulsory. A designated helicopter landing area is required. In FIM MXGP/MX2 WC and MXoN the starting area should not be used as the designated helicopter landing area.
- f) A medical centre is recommended but compulsory in FIM MXGP/MX2 WC and MXoN. The medical centre must be of a size and suitably equipped to provide treatment to two significantly injured riders simultaneously.

#### 09.7.6 Supercross

- a) **2 vehicles type A**
- b) 2 vehicles type B
- c) **4 medical ground posts**
- d) **1 CMO**
- e) **Medical Centre**
- f) **1 X-ray is recommended**

#### 09.7.7 Supermoto & Snowcross

- a) 1 vehicle type A is recommended
- b) 2 vehicles type B
- c) Ground posts



### 09.7.8 Motocross Freestyle

- a) 1 vehicle type B
- b) 1 vehicle type C

### 09.7.9 Motoball

- a) 1 vehicle type B

### 09.7.10 Track Racing

- a) 2 type B vehicles (highly specialised vehicle for the provision of advanced treatment, transport and can serve as a mobile resuscitation centre).
- b) 1 medical room for minor treatment, observation, examination and assessment of a rider
- c) **1 Doctor acting as CMO with, if applicable, a CMO licence according to the requirements for the discipline as set out under art. 09.4.2.**

#### For practices only :

- a) **1 type B vehicle (highly specialised vehicle for the provision of advanced treatment, transport and can serve as a mobile resuscitation centre).**
- b) **1 medical room for minor treatment, observation, examination and assessment of riders.**
- c) **1 Doctor acting as CMO with, if applicable, a CMO License according to the requirements for the discipline as set out under art 09.4.2.**

### 09.7.11 Trial

- a) 1 vehicle type A
- b) 2 vehicles type B
- c) 1 CMO

N.B. If there is a considerable distance between the sections, there should be additional doctors with adequate emergency equipment.

### 09.7.12 X-Trial

- a) 2 vehicles type B and/ or an equivalent medical centre with the appropriate personnel
- b) 1 CMO

### 09.7.13 Hard Enduro

- a) **1 vehicle type A placed at specifically difficult points**
- b) **1 vehicle type B**
- c) **1 vehicle type C**
- d) **1 CMO**
- e) **For each Enduro tests and each cross test in Enduro, when the riders start simultaneously from a grid, the requirements are the same for Motocross events.**
- f) **For Enduro tests, when the rider starts individually, the minimum requirements are as follows: 1x type A and 1x type B vehicle for each.**

### 09.7.14 Enduro

- a) Vehicles type A placed at specifically difficult points
- b) 1 vehicle type B
- c) 1 vehicle type C
- d) 1 CMO
- e) A medical centre and a helicopter with a winch are compulsory for an ISDE event
- f) For each Enduro tests and each cross test in Enduro, when the riders start simultaneously from a grid, the requirements are the same for Motocross events.
- g) For Enduro tests, when the rider starts individually, the minimum requirements are 1x type A and 1x type B vehicle for each.

### 09.7.15 Sand Races

- a) Vehicles type A placed at specifically difficult points
- b) **2 vehicles type B**
- c) 1 vehicle type C
- d) 1 CMO
- e) Medical ground posts
- f) Medical Centre

### 09.7.16 Cross-Country Rallies & Bajas

- a) The presence of at least one helicopter equipped with a stretcher and resuscitation equipment for a special race of up to 350 kilometres, and two helicopters for two close special races when they exceed 350 kilometres combined, equipped with evacuation equipment and used solely for medical assistance is compulsory. The helicopter must be equipped with a winch if necessary depending on the terrain. In this helicopter, the presence of a doctor for resuscitation is required. This helicopter will be in addition to ground equipment (Medical intervention vehicles). It must be in permanent radio HF contact with the Clerk of the Course or a check-point organisation (radio, standard C, standard M etc.).
- b) A Medical intervention vehicle with one doctor and one paramedic (or equivalent) experienced in driving an all-terrain vehicle in permanent radio contact with the Clerk of the Course or with a check-point organisation must be provided for special races at the following points:
  - start,
  - start of the selective sector,
  - every 100 kilometres,
  - finish of the selective sector,
  - and at the camp site.

### 09.7.17 Indoor Enduro

- a) 1 vehicle type A
- b) 1 vehicle type B
- c) 1 vehicle type C

### 09.7.18 Moto-E

As this discipline is currently organised as part of a FIM Circuit Racing World Championship Grand Prix event, the medical service requirements are those as per the medical homologation for that event.

### 09.7.19 FIM Land Speed World Records

1. For a private event with two or less riders, the minimum medical requirements are the following:
  - a) 1 vehicle type B (conf. Art. 09.5.1.4 of Medical Code)
  - b) 1 doctor (or CMO, Chief Medical Officer)
2. For a private event with more than two riders or a public event, the minimum medical requirements are the following:
  - a) 2 vehicles type B (conf. Art. 09.5.1.4 of Medical Code)



- b) 1 doctor (or CMO, Chief Medical Officer), CMO recommended

For all events, the minimum medical requirements in addition to those listed above are the following:

- a) Coordination with and location (including a map) of the nearest suitable hospital that meets FIM requirements
- b) Coordination with a Helicopter Medical Service if there is not a hospital that meets FIM requirements located within 20 minutes by road.

#### 09.7.20 E-Bikes

- a) 1 **vehicle** Type A **for Enduro only**
- b) 2 **vehicles** Type B
- c) 1 CMO

#### 09.7.21 EBK

- a) 1 vehicle type A
- b) 2 vehicles type B
- c) Medical room for minor treatment, observation, examination and assessment of riders
- d) 1 CMO

#### 09.7.22 E-Xplorer

- a) 2 type B
- b) 1 **medical groundpost**
- c) **Medical room for minor treatment, observation, examination and assessment of riders**
- d) **Helicopter on call depending on the location and/or nature of the track**
- e) 1 CMO

#### 09.7.23 Official Testing (GP & WorldSBK)

- a) 1 Type A
- b) 2 Type B
- c) 1 CMO



d) Medical Centre

## 09.7.24 Maintenance of Medical Cover at Event

If at any time the minimum number of vehicles and/or doctors is not present, e.g. during the evacuation of a rider to a hospital or at the start of the event, the event must be stopped until the minimum number is available.

## 09.8 PROCEDURE IN THE EVENT OF AN INJURED RIDER

### 09.8.1 FIM Circuit Racing GP WC

The management of an injured rider is under the control of the CMO and should be the following:

- a) A fallen rider must be reached by a doctor or paramedic who can begin treatment with the minimum of delay of the rider coming to rest. If the rider is injured, the CMO must be informed by radio so that further procedures can be initiated.
- b) The CMO must be stationed in Race Control with the Medical Director and/or FIM Medical Officer (GP), with access to closed circuit television to monitor the situation. Upon request by the CMO any medical vehicle can be dispatched to the scene of the incident, only the Race Director can authorize entry onto, or response via track. Similarly, interruption or cessation of racing or practice session can only be authorized by the Race Director. It is the responsibility of the CMO, Medical Director and FIM Medical Officer (GP) to advise the Race Director of incidences where access to a fallen rider(s) necessitates this.
- c) Response codes are:

Code 0 No medical intervention required

- a) Confirmation by radio and CCTV to CMO and FIM Medical Officer (GP) that no medical intervention required
- b) Rider gets up unassisted

Code 1 Short rescue

Confirmation by radio and CCTV to CMO and FIM Medical Officer (GP) and that:

- a) Rider able to walk with assistance
- b) Rider will be cleared from track in less than 1 minute

Code 2 Long rescue

- a) Confirmation by radio and CCTV to CMO and FIM Medical Officer (GP) that the rider is conscious and no spinal injury is suspected
- b) Rider can be safely evacuated by scoop stretcher or spinal board
- c) Rider will be cleared from track in less than 2 minutes and transferred directly to the medical centre.

Code 3 Prolonged rescue

- a) Confirmation by radio and CCTV to CMO and FIM Medical Officer (GP) that the rider(s) is (are) unconscious, a spinal injury is suspected or the rider is otherwise seriously



injured

- b) Rider requires immobilisation and/or stabilisation before being moved
- c) Rescue will take longer than 3 minutes
- d) Medical intervention required on track
- e) In GP FIM Medical Intervention Team & vehicles will be deployed in which case the rider(s) should not be moved or transferred until their arrival. (See Art. 09.5.1.3)

## 09.8.2 FIM WorldSBK Championship

The management of an injured rider is under the control of the CMO and should be the following:

- a) A fallen rider must be reached by a doctor or paramedic who can begin treatment with the minimum of delay of the rider coming to rest. If the rider is injured, the CMO must be informed by radio so that further procedures can be initiated.
- b) The CMO must be stationed in Race Control with the FIM **WorldSBK** Medical Director with access to closed circuit television to monitor the situation. Upon request by the CMO any medical vehicle can be dispatched to the scene of the incident, only the Race Director can authorize entry onto, or response via track. Similarly, interruption or cessation of racing or practice session can only be authorized by the Race Director. It is the responsibility of the CMO and FIM **WorldSBK** Medical Director to advise the Race Director of incidences where access to a fallen rider(s) necessitates this.

- c) Response codes are:

Code 0 No medical intervention required

- a) Confirmation by radio and CCTV to CMO and FIM **WorldSBK** Medical Director that no medical intervention required
- b) Rider gets up unassisted

Code 1 Short rescue

Confirmation by radio and CCTV to CMO and FIM **WorldSBK** Medical Director and that:

- a) Rider able to walk with assistance
- b) Rider will be cleared from track in less than 1 minute

Code 2 Long rescue

- a) Confirmation by radio and CCTV to CMO and FIM Medical Director that the rider is conscious and no injury is suspected
- b) Rider can be safely evacuated by scoop stretcher or spinal board
- c) Rider will be cleared from track in less than 2 minutes and transferred directly to the medical centre.

Code 3 Prolonged rescue

- a) Confirmation by radio and CCTV to CMO and FIM **WorldSBK** Medical Director that the rider(s) is (are) unconscious, a spinal injury is suspected or the rider is otherwise seriously injured
- b) Rider requires immobilisation and/or stabilisation before being moved



- c) Rescue will take longer than 3 minutes
- d) Medical intervention required on track

### 09.8.3 FIM MXGP (Recommended for all other Disciplines)

The management of an injured rider is under the control of the CMO and should be the following:

- a) A fallen rider must be reached by a doctor or paramedic who can begin treatment with the minimum of delay of the rider coming to rest. If the rider is injured, the CMO must be informed by radio so that further procedures can be initiated.
- b) The CMO must be stationed nearby the Clerk of the Course or Race Director with the FIM MXGP Medical Director when motorcycles are on the track with access to closed circuit television to monitor the situation.

Upon request by the CMO any medical vehicle can be dispatched to the scene of the incident, only the Race Director can authorize entry onto, or response via track. Similarly, interruption or cessation of racing or practice session can only be authorized by the Race Director. It is the responsibility of the CMO and FIM MXGP Medical Director to advise the Race Director of incidences where access to a fallen rider(s) necessitates this.

- c) Response codes are:

Code 0 No medical intervention required

- a) Confirmation by radio (and CCTV) to CMO and FIM MXGP Medical Director that no medical intervention required
- b) Rider gets up unassisted

Code 1 Short rescue

Confirmation by radio (and CCTV) to CMO and FIM MXGP Medical Director and that:

- a) Rider able to walk with assistance
- b) Rider will be cleared from track in less than 1 minute

Code 2 Long rescue

- a) Confirmation by radio (and CCTV) to CMO and FIM Medical Director that the rider is conscious and no injury is suspected
- b) Rider can be safely evacuated by scoop stretcher or spinal board
- c) Rider will be cleared from track in less than 2 minutes and transferred directly to the medical centre.

Code 3 Prolonged rescue

- a) Confirmation by radio and CCTV to CMO and FIM MXGP Medical Director that the rider(s) is (are) unconscious, a spinal injury is suspected or the rider is otherwise seriously injured
- b) Rider requires immobilisation and/or stabilisation before being moved
- c) Rescue will take longer than 3 minutes
- d) Medical intervention required on track





#### 09.8.4 Transfer to the Medical Centre (all Disciplines)

- a) The injured rider will be transferred to the medical centre when his condition permits. The CMO shall decide the time and method of transfer. Rarely, at the discretion of the CMO only a rider may be transferred to hospital directly from the trackside.
- b) The vehicle used to transfer the rider must be on the scene of the accident with minimum delay following the order to intervene.

#### 09.8.5 Medical Centre (all Disciplines)

- a) At the medical centre, medical personnel will be available to treat the rider. The CMO remains responsible for the treatment of the rider.
- b) If the rider is unconscious, he will be treated by the medical centre staff under the responsibility of the CMO. The rider's personal doctor may observe the treatment in the medical centre and may accompany the rider to the hospital.
- c) A rider who is conscious may choose the medical personnel by whom he wishes to be treated. A rider who does not wish to be treated by the medical centre staff against their advice must sign a "Rider Self Discharge form" (appendix C).
- d) Refer also to the SCAT5™ document (appendix M) which is a standardised tool for evaluating injured athletes for concussion.
- e) The helmets of all riders taken to the medical centre for assessment following a crash must be retained by the medical personnel or CMO for control by the Technical Director or Technical Stewards before being returned to the rider or the team manager.
- f) In cases of head injury including concussion or loss of consciousness, unless a specific provision of a national law advises otherwise, the helmet must be forwarded to the FIM Laboratory at the University of Zaragoza for expert examination and non-destructive analysis. After inspection, the helmet can be returned to the rider, team or manufacturer.

#### 09.8.6 Transfer to Hospital (all Disciplines)

The CMO shall decide the time of transfer, the mode of transfer and the destination of an injured rider. Having made the decision, it is his responsibility to ensure that the receiving hospital and appropriate specialists are informed of the estimated time of arrival and the nature of injuries. It is also the responsibility of the CMO to ensure appropriately skilled and equipped staff accompany the rider.

In FIM **WorldSBK**: a doctor of the Clinica Mobile will accompany the rider.

#### 09.9 MEDICAL MALPRACTICE INSURANCE

All doctors and other medical personnel at an event must have adequate medical malpractice insurance cover.

## 09.10 PROFESSIONAL CONFIDENCE OF MEDICAL PERSONNEL

- a) The rider's right to medical confidentiality regarding their medical information, injuries and treatment must be respected at all times by the CMO, their medical service personnel and the FIM Medical Director/FIM Medical Officer (GP)/FIM Medical Delegate. The rider's express consent must be obtained to disclose any medical information related to the rider.

If the rider is unable to consent to share their information through illness or injury, the CMO must only provide appropriate and strictly necessary information to the rider's nominated representative/s and those healthcare professionals directly involved in the rider's treatment or in decisions regarding their fitness to compete including the FIM Medical Director or FIM Medical Officer (GP), FIM Medical Representative. The FIM Medical Director/FIM Medical Officer (GP)/FIM Medical Delegate at the event will also respect the confidentiality of this information and must only provide it to those healthcare professionals directly involved in the rider's treatment or in decisions regarding their fitness to compete, such as the CMO and FIM Medical Director/FIM Medical Officer (GP)/FIM Medical Delegate of the next event at which the rider wishes to compete. Other than in exceptional circumstances such as a fatal injury or serious injury that is potentially life-threatening the Race Direction or other officials should only be provided with sufficient information regarding the rider's fitness or otherwise to compete.

- b) Any breach of confidentiality by the CMO, members of the medical team, FIM Medical Directors, FIM Medical Officer (GP), FIM Medical representatives or other officials holding FIM licenses may result in withdrawal of their FIM license.
- c) In any other circumstances, it is forbidden for the CMO or any other medical personnel to disclose any information to the media or other information services without the authorisation of the FIM and the promoters.
- d) All doctors must adhere to their professional ethics and medical codes of practice at all times.

## 09.11 ACCIDENT STATISTICS

The CMO, FIM **WorldSBK** Medical Director, FIM Medical Officer (GP), FIM Medical Director, FIM Medical Representative and FMNs will provide statistics to the FIM concerning accidents and injuries that occur during events within their jurisdiction using appendix A. This information must be anonymised except in relation to the provision of medical information to other doctors involved in the on-going medical assessment and treatment of the rider including the CMOs at subsequent events who will assess the rider for their fitness to return to competition (appendix G). All fatal accidents occurring during an FIM event will be reported to the FIM Medical Department at [cmi@fim.ch](mailto:cmi@fim.ch) (appendix L) immediately as per the procedure in case of fatal accidents.

## 09.12 DATA PRIVACY

Every FIM Medical Director, FIM Medical Officer (GP), CMO, FIM Medical Delegate, CMI Coordinator, FIM Medical Representative and Medical Director pursuant to Art. 09.4.3, may store, process or disclose personal information relating to Riders when necessary and appropriate to conduct their activities under the Medical Code. They are also responsible for ensuring that Personal Data and Sensitive Personal Data they process is protected as required by data protection and privacy laws in force by applying all necessary security safeguards.

Every FIM Medical Director, FIM Medical Officer (GP), CMO, FIM Medical Delegate, CMI Coordinator, FIM Medical Representative and Medical Director pursuant to Art. 09.4.3, shall not disclose any of the Rider's Personal Data or Sensitive Personal Data except where such disclosures are strictly necessary in order to fulfill their obligations under the FIM Medical Code.

Every FIM Medical Director, FIM Medical Officer (GP), CMO, FIM Medical Delegate, CMI Coordinator, FIM Medical Representative and Medical Director pursuant to Art. 09.4.3, shall ensure that Personal Data and Sensitive Personal Data is only retained when it remains relevant to fulfilling their obligations under the FIM Medical Code. Once it no longer serves the above-mentioned purposes, it shall be deleted, destroyed or permanently anonymised. As a general rule, retaining Sensitive Personal Data requires stronger or more compelling reasons than for Personal Data.

Any Rider who submits information including Personal Data and Personal Sensitive Data in order to obtain a FIM license shall be deemed to have agreed, pursuant to applicable data protection laws and otherwise, that such information be collected, processed, disclosed and used for the purposes of the implementation of the FIM Medical Code by any FIM Medical Director, FIM Medical Officer (GP), CMO, FIM Medical Delegate, CMI Coordinator, FIM Medical Representative and Medical Director pursuant to Art. 09.4.3, in accordance with data protection laws (including specifically the International Standard for the Protection of Privacy and Personal Information).

Riders shall be entitled to request to erase, rectify or obtain any Personal Data or Sensitive Personal Data that the FIM holds about them in accordance with the FIM Medical Code by sending a written request to [gdpr-medical@fim.ch](mailto:gdpr-medical@fim.ch).

## 09.13 GLOSSARY

**Centre Medical Mobile:** Mobile equipment for treatment at FIM MXGP/MX2 World Championship events

**Clinica Mobile:** Mobile equipment for treatment only at FIM WorldSBK Championships events

**CMI:** International Medical Commission of the FIM

**CMO:** Chief Medical Officer



**FIM WorldSBK Medical Director:** Member of the CMI appointed by the CMI in consultation with the promotor

**FIM Endurance Medical Director:** See art. 09.4.9

**FIM JuniorGP Medical Director:** See art. 09.4.6

**FIM Medical Director in MXGP & MX2:** See art. 09.4.7

**FIM Medical Officer (GP):** Member of the CMI in MotoGP

**FIM Medical Representative:** Member of the CMI at all other events, except in MotoGP, WorldSBK, Endurance, MXGP/MX2 and Speedway GP

**FMN:** National Motorcycle Federation affiliated to the FIM

**Medical Director:** Medical representative of the contractual partner

**Medical examination:** Prerequisite to receive a rider's license

**Medical homologation:** Homologation of medical services of the circuits

**MotoGP Health Center: Mobile equipment for treatment only at FIM MotoGP Championships events**

**Medical Intervention Team (GP):** See art. 09.4.11

**Personal Data:** Any information that relates to an identified or identifiable living rider

**Rider:** Competitors, including riders, drivers and passengers

**Sensitive Personal Data:** Personal data relating to the physical or mental health of a rider, including the provision of health care services, which reveal information about his health status

**SGP FIM Medical Delegate:** Member of the CMI, appointed in Speedway Grand Prix FIM



APPENDIX A	ACCIDENT STATISTIC FORM
APPENDIX B	MEDICAL ASSESSMENT REPORT FORM
APPENDIX C	RIDER SELF DISCHARGE FORM
APPENDIX D	DURATION OF CONVALESCENCE
APPENDIX E	CURRICULUM VITAE
APPENDIX F	CIRCUIT CMO QUESTIONNAIRE
APPENDIX F1	Circuit CMO Questionnaire for Circuit Racing
APPENDIX F2	Circuit CMO Questionnaire for MX
APPENDIX F3	Circuit CMO Questionnaire for Trial
APPENDIX F4	Circuit CMO Questionnaire for Enduro
APPENDIX F5	Circuit CMO Questionnaire for 6 Days Enduro
APPENDIX F6	Circuit CMO Questionnaire for Speedway
APPENDIX G	LIST OF MEDICALLY UNFIT RIDERS FOR DOCTORS ONLY
APPENDIX H	PROCEDURE FOR A CIRCUIT MEDICAL ASSESSMENT AND HOMOLOGATION
APPENDIX H1	Procedure for a Circuit Medical Assessment and Homologation Circuit Racing GP, WorldSBK, Endurance, MXGP, MXoN, SGP Circuits
APPENDIX H2	Procedure for a Circuit Medical Assessment and Homologation for all Disciplines except for Circuit Racing GP, WorldSBK, Endurance, MXGP, MXoN, SGP
APPENDIX L	QUESTIONNAIRE FATAL ACCIDENT
APPENDIX M	CONCUSSION – SCAT 5
APPENDIX N	ALCOHOL TESTING PROCEDURE & FORM
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