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Gloria Sports Arena is a modern sports complex with indoor, outdoor and aquatic sports facilities.

Built on 105.000 m² (10.5 hectares), it is the largest sports arena in Turkey and has internationalstandard sports training facilities with cutting-edge equipment for over 50 disciplines.

Gloria Sports Arena, situated in Belek-Antalya-Turkey, is 30 minutes away from Antalya International Airport and is connected with Gloria Hotels & Resorts (Gloria Golf Resort, Gloria Verde Resort and Gloria Serenity Resort) which are in only 5 km distance (Free shuttle available).

GSA offers professional services for individual athletes, teams and groups, such as:

> National Teams, Clubs
 > Sports Groups
 > Professional, Amateur & Recreational Athletes
 > All Season Training Camps & Summer Schools
 > Tournaments
 > Events, Congresses, Conventions and Conferences



ALGERIA Algiers 4 hours

AUSTRIA Vienna 2 hours 47 minutes Graz 2 hours 45 minutes

AZERBAIJAN Baku 2 hours 46 minutes

BAHRAIN Manama 3 hours 41 minutes

BELARUS Minsk 3 hours 2 minutes

CROATIA Zagreb 2 hours 4 minutes (flights to Istanbul)

CZECH REPUBLIC Prague 3 hours 6 minutes DENMARK Copenhagen 3 hours 6 minutes Aarhus 3 hours 18 minutes

ESTONIA Tallinn 3 hours 53 minutes

FINLAND Helsinki 3 hours 44 minutes

FRANCE Paris 3 hours 36 minutes Marseille 5 hours 50 minutes

GERMANY Berlin 3 hours 26 minutes Hamburg 3 hours 10 minutes

IRAN Tehran 2 hours 55 minutes

IRAQ Baghdad 2 hours 18 minutes KAZAKHSTAN Astana 5 hours 15 minutes Almaty 5 hours 45 minutes

KUWAIT Kuwait 3 hours

LATVIA Riga 3 hours 32 minutes

LITHUANIA Vilnius 2 hours 53 minutes

MOROCCO Rabat 4 hours 36 minutes

NORWAY Oslo 3 hours 42 minutes Bergen 4 hours

OMAN Muscat 4 hours 43 minutes QATAR Doha 3 hours 54 minutes

RUSSIA Moscow 3 hours 23 minutes Saint Petersburg 3 hours 55 minutes

SAUDI ARABIA Riyad 3 hours 29 minutes

SERBIA Belgrade 1 hours 50 minutes

SLOVAKIA Bratislava 2 hours 10 minutes

SLOVENIA Ljubljana 2 hours 13 minutes (flights to Istanbul)

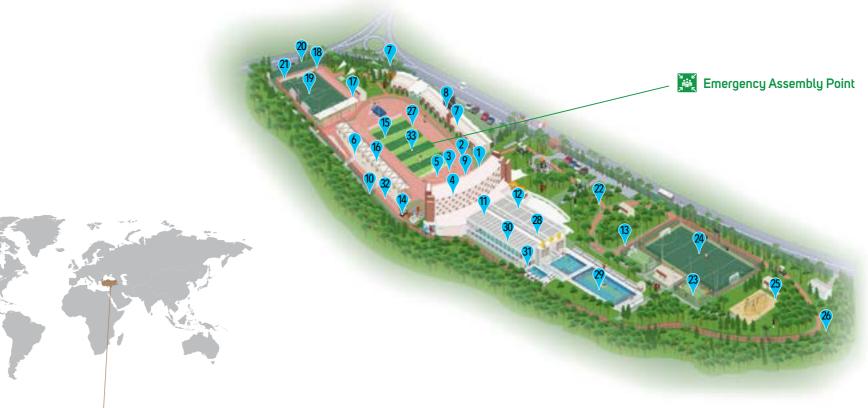
SWEDEN Stockholm 3 hours 30 minutes Göteborg 3 hours 24 minutes SWITZERLAND Bern 2 hours 36 minutes Zurich 3 hours 5 minutes Geneva 3 hours 10 minutes

TUNISIA Tunis 2 hours 47 minutes (flight to Antalya)

UKRAINE Kiev 2 hours 30 minutes Kharkiv 2 hours 32 minutes

UNITED ARAB EMIRATES Abu Dabi 4 hours 18 minutes Dubai 3 hours 48 minutes (flight to Antalya)

UNITED KINGDOM London 4 hours 10 minutes Manchester 3 hours 90 minutes



Outlets & Facilities

- 1. Meeting, Press, Seminar Rooms
- 2. Guest Relations
- 3. Lobby Bar

ISTANBU

ANKARA

- 4. Hotel Rooms
- 5. Elly's Main Restaurant
- 6. Stadium Tribunes
- 7. Shops
- 8. Burger King

Indoor Sports

- 9. Main Gym
- 10. Indoor Running Track
 - 11. Indoor Cycling, Multipurpose Studios
 - 12. Sports Hall

Outdoor Sports

24. Hockey Field

- Multipurpose Playground
 Climbing Wall
 Stadium Field
 Long Jump, Triple Jump Track
 High Jump, Pole Vault Area
 Shot Put Area
 Track & Field Throwing Area
 Warm-Up Area
 Training Field
 Multipurpose Green Area
 Tennis Court
- 25. Beach Volleyball26. Natural Running Trail27. Running Track

Aquatic Sports

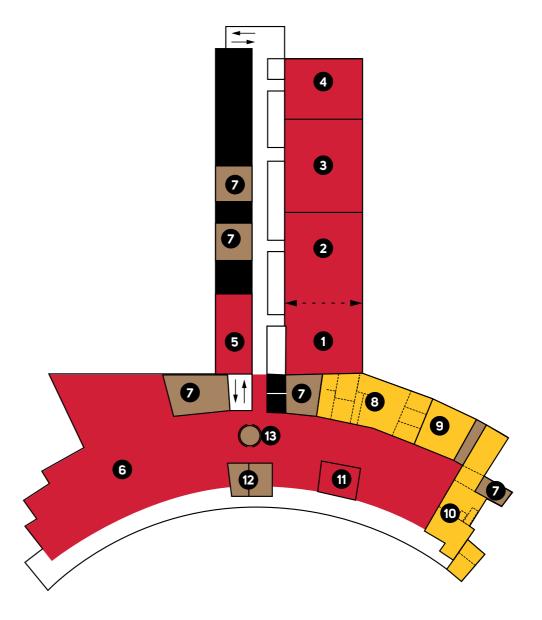
28.Short Course, Diving, Waterpolo Pool 29.Olympic Pool 30.Indoor Pool 31. Rehabilitation Pool 32.Cave Sauna, Kneipp Pool 33.Emergency Assembly Point



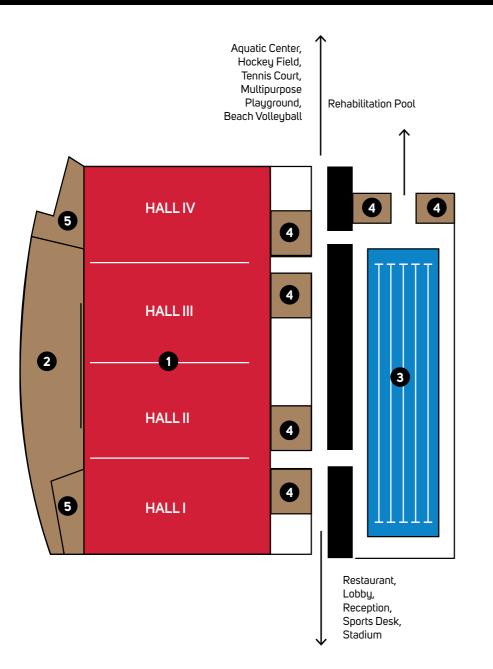
1st FLOOR

1. Studio I

- 2. Studio II
- 3. Combat Sports
- 4. Weightlifting Studio
- 5. Indoor Cycling Studio
- 6. Main Gym
- 7. Changing Rooms
- 8. Doctor's Room & Rehabilitation Center
- 9. Performance Lab
- 10. Icelab, Hydroworx, Sauna, Steam Bath & Resting Area
- 11. SpeedCourt
- 12. Elevator & Vita Bar
- 13. Sports Desk



F L O O R P L A N FLOOR PLAN



GROUND FLOOR

- 1. Sports Halls, I, II, III, IV
- 2. Foyer Main Entrance Lobby Entrance
- 3. Indoor Swimming Pool
- 4. Changing Room
- 5. Restrooms



C L I M A T E CLIMATE



Shining sun and fresh air on the Gloria Sports Arena.

The typical Mediterranean climate of the Antalya region stands out due to its warm summers and mild winters. While summer temperatures can rise to 36°C, winter is blessed with temperatures up to 20°C, thus making Antalya one of the few destinations in Turkey suitable for sports training throughout the year.

ANTALYA	January	February	March	April	May	June	July	August	September	October	November	December
Average Temperature (°C)	9.6	9.9	12.2	15.8	20.3	25.3	28.3	27.8	24.3	19.5	14.2	10.8
Average Highest Temperature (°C)	15	15.3	17.9	21.4	25.9	31.3	34.4	34.3	31.3	26.9	20.8	16.3
Average Lowest Temperature (°C)	5.6	5.7	7.4	10.6	14.5	19	22.1	21.8	18.6	14.5	9.8	6.8
Average Insolation (Hour)	5.3	6.1	6.9	8	9.9	11.6	12	11.6	10	8.1	6.3	4.9
Average Rainy Days	12.4	10.4	9	7.3	5.4	2.9	1.5	1.5	2	5.6	7.8	11.5
Highest Temperature (°C)	22	23.4	28.2	33.2	37.6	44.8	45	43.3	41.2	37.7	33	25.4
Lowest Temperature (°C)	-2.0	-4.0	-1.6	1.4	6.7	11.1	14.8	15.3	10.6	4.9	0.8	-1.9
Average Sea Water Temperature (°C)	17	17	18	18	19	24	27	29	27	26	22	19



S Ρ R T S \bigcirc SPORTS

AQUATIC SPORTS

Olympic Sports

Im platform 3 m platform

✤ 5m platform

✤ 7.5m platform

IOm platform

SYNCHRONIZED SWIMMING

SCUBA DIVING (POOL)

• UNDERWATER RUGBY

UNDERWATER HOCKEY

• SWIMMING

WATER POLO

Other Sports

Im springboard

> 3m springboard

• DIVING



OUTDOOR SPORTS

Olympic Sports

- ARCHERY • BEACH VOLLEYBALL
- CYCLING
 - Mountain bike
- Road bike FIELD HOCKEY
- FOOTBALL
- GOLF
- RUGBY
- TENNIS
- TRACK & FIELD
 - Running
 - » Sprint
 - » Middle distance » Long distance
 - » Relay
 - » Hurdles
 - Jumping
 - » Long jump
 - » Triple jump
 - » High jump
 - » Pole vault
 - Throwing
 - » Shot put
 - » Discus
 - » Javelin
 - » Hammer
 - Combined events
 - » Men's decathlon
 - » Women's heptathlon
- TRIATHLON

Other Sports

- CLIMBING
- Bouldering
- Sport climbing
- ULTIMATE FRISBEE
- SLACKLINING

INDOOR SPORTS

- **Olympic Sports**
- BADMINTON
- BOXING
- FENCING
- GYMNASTICS
- HANDBALL
- JUDO
- TABLE TENNIS
- TAEKWONDO
- VOLLEYBALL
- WEIGHTLIFTING
- WRESTLING

Other Sports

- DANCESPORT
- FUTSAL
- MARTIAL ARTS
- Aikido
- Jiu-jitsu
- Karate
- Kickboxing
- **>** K1
- Muay Thai
- > and others...
- GROUP CLASSES
- Indoor cycling
- Suspension training

- BASKETBALL

- POWERLIFTING

- Cross-training





OUTDOOR SPORTS OUTDOORSPORTS

The 35 000 m² outdoor facilities include a stadium for 1800 spectators and various sports fields.









One artificial turf hockey pitch in FIH standards. (Polytan Megaturf Coolplus / used in London 2012 and Rio de Janeiro 2016 Olympic games)



Venue of the FIH World League Round 1 Tournament / September 2016



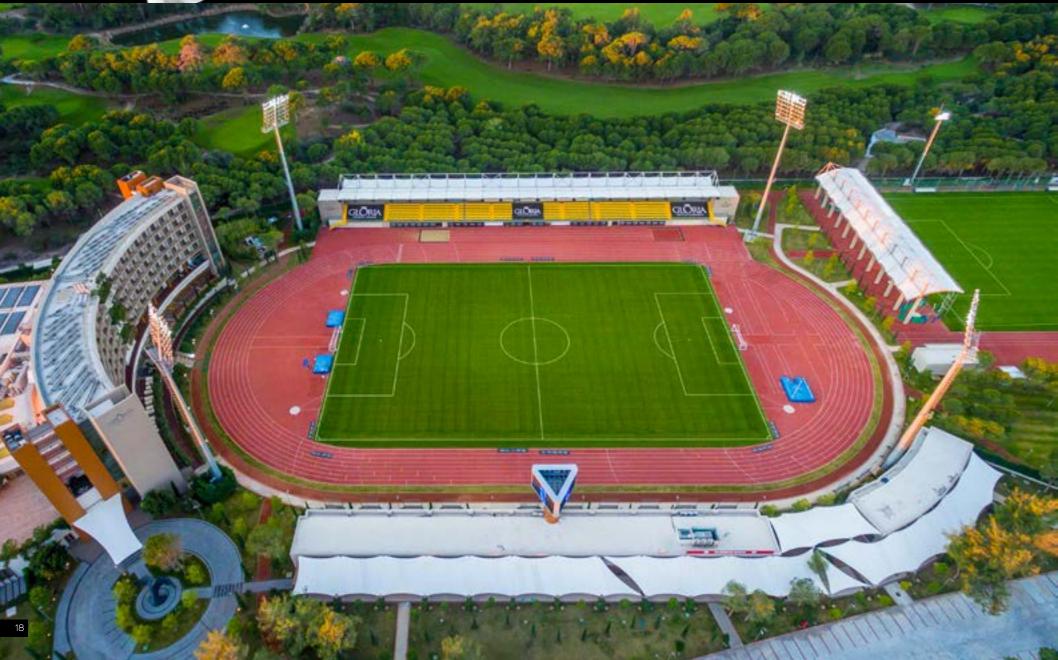
Training Areas

- 91.40 x 55 m synthetic turf hockey field with Polytan megaturf coolplus
- 2000 m² main gym with Technogym Cardio & Strength Training Devices
- Indoor cycling studio with 24 bikes
- Weightlifting studio with ESP full racks and free standing platforms
- Combat sports studio with functional training equipment (TRX, Bosuball and Pilates Balls)
- Studios for Mat and Group training
- 1,7 km outdoor natural running trail
- 1,5 & 2,5 degrees incline running track
- Stair climbing areas with various heights

Field Hockey Specific Tests and Training Opportunities

- Aerobic capacity (Lactate & VO_2max tests) HP Cosmos treadmills and QUARK CPET
- Isokinetic strength tests and training with ISOMED 2000
- 2D & 3D motion analyses with video analyses systems
- Agility tests and trainings with SPEEDCOURT
- Anaerobic power test with MONARK
 ergometer
- HYDROWORX for post injury training and conditioning
- Vertimax vertical jump and speed training device
- Body Composition with gold standard BODPOD
- Jump tests with OPTOJUMP
- 3D ground reaction force analysis with 2 KISTLER force plates
- Footscan test for foot pathologies
- Anthropometric tests
- Field Hockey specific test protocols for all age group









Two football fields: One stadium field with a spectator's capacity of 1.800 people and one training field. Two more football training fields are also available at the Gloria Football Center, 5 minutes away from Gloria Sports Arena with free shuttle service. Football fields are built according to FIFA standards.

Training Areas

- 105 x 65 m stadium field with a spectator's capacity of 1.800 people
- 100 x 65 m training field
- 2000 m² main gym with Technogym Cardio & Strength Training Devices
- Indoor cycling studio with 24 bikes
- Weightlifting studio with ESP full racks and free standing platforms
- Combat sports studio with functional training equipment
- (TRX, Bosuball and Pilates Balls)
- Studios for Mat and Group training
- 1,7 km outdoor natural running trail
- 1,5 & 2,5 degrees incline running track
- Stair climbing areas with various heights

Soccer Specific Equipment

- Training goals, mini goals
- Free kick sets
- Training equipment (cones, slalom sets, hurdles, agility ladders, sprint sleds etc.)
- Vertimax vertical jump and speed training device

Soccer Specific Tests and Training Opportunities

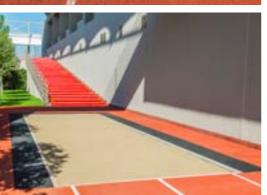
- Body Composition with gold standard BODPOD
- Isokinetic strength tests and training with ISOMED 2000
- Aerobic capacity (Lactate & VO₂max tests) HP Cosmos treadmills and QUARK CPET
- Anaerobic power test with MONARK
 ergometer
- Jump tests with OPTOJUMP system
- Motion analyses with 2D & 3D video analyses systems
- 3D ground reaction force analysis with 2 KISTLER force plates
- Agility tests and trainings with SPEEDCOURT
- 3D Posture and Spine analyses
- Footscan test for foot pathologies
- Gait Analysis with high speed cameras
- HYDROWORX for post injury training and conditioning
- Anthropometric tests
- Soccer specific test protocols for all age groups











IAAF approved athletic fields and equipment for all track & field events with competition timing system.

Training Areas

- Track & Field areas are certified as Class 2 by IAAF
- 8-lane 400 meter oval track with an IAAF certified surface
- 4-lane 110 meter indoor running track with 10 meters split times measurement system
- 1,7 km natural running trail surrounding the premises
- 3 outdoor pits for long and triple jump
- 1 indoor pit for long and triple jump
- 2 hammer and discus cages
- 8 shot put areas
- 3 javelin throw runways 2 high jump and 2 pole vaulting mats
- 1,5 & 2,5 degrees incline running track
- 1,7 km outdoor natural running trail
- Stair climbing areas with various heights
- 2000m² main gym with Technogym Cardio & Strength Training Devices
- Indoor cycling studio with 24 bikes
- Weightlifting studio with ESP full racks and free standing platforms
- Combat sports studio with functional training equipment (TRX, Bosuball and Pilates Balls, etc.)
- Studios for Mat and Group training

Track & Field Specific Equipment

- Javelin, discus, shot put and hammer sets
- 100 height & counterweight adjustable hurdles
- Speed sacs
- California speed sleds
- Training equipment (cones, slalom sets, hurdles, agility ladders, etc.)
- Vertimax vertical jump and speed training device
- Photo finish system with wind speed detection
- Portable time measurement system

Track & Field Specific Tests and Training Opportunities

- 30 m sprint analysis with OPTOJUMP system to analyze various phases
- 2D & 3D Motion analyses for jumping and throwing techniques
- Aerobic capacity (Lactate & VO2max tests) HP Cosmos treadmills and QUARK CPET
- Anaerobic power test with MONARK
 ergometer
- Isokinetic strength tests and training with ISOMED 2000
- 3D ground reaction force analysis with 2 KISTLER force plates
- Body Composition with gold standard BODPOD





OUTDOORSPORTS OTHER OUTDOOR SPORTS



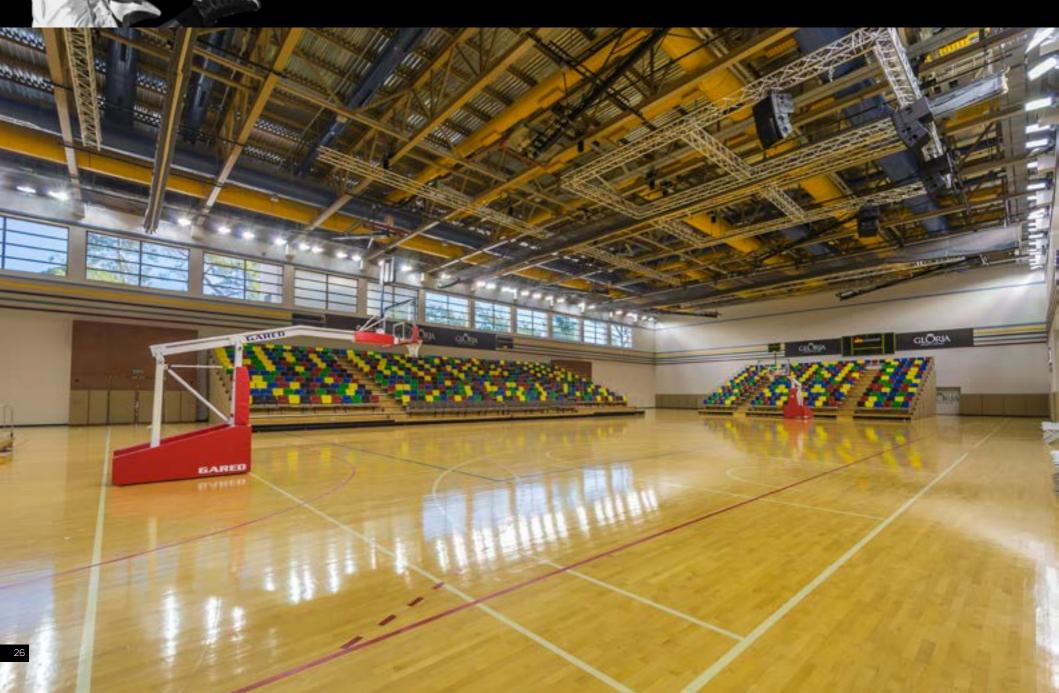


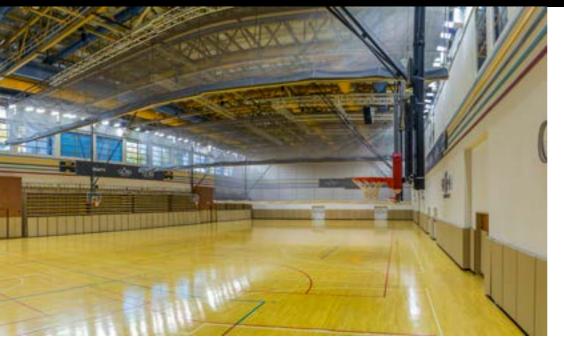
ARCHERY	One archery field with WA/FITA standard			
BEACH VOLLEYBALL	Two beach volleyball courts in FIVB standards.			
SPORT CLIMBING	One artificial climbing wall with three stages and bouldering area, for both amateur and professional climbers.			
GOLF	The biggest golf course in Turkey with 45 holes, including two 18-hole championship courses and a 9-hole academy course. Gloria Hotels & Resorts has the largest practice facilities in Europe.			
THE MULTIPURPOSE GREEN FIELD	Suitable for slackline, outdoor Pilates, yoga, cross training, and similar group activities and training sessions.			
TENNIS	One synthetic turf and one hard tennis court.			



INDOORSPORTS INDOORSPORTS

GSA has 6800m² indoor sports facilities. Multipurpose sports hall with telescopic tribunes can be divided into four fields. The complex also has various multifunctional sports studios.







The 2270 m² multipurpose sports hall with telescopic tribunes can be divided into four separate fields. All equipment is approved by international federations and associations.

Training Areas

- 4 Neoshock parquet courts from Connors/ USA, with FIBA approved Ceiling Hung Posts – GARED (USA)
- 1 Center Court with FIBA approved Portable Basketball System
- 2000m² main gym with Technogym Cardio & Strength Training Devices
- Indoor cycling studio with 24 bikes
- Weightlifting studio with ESP full racks and free standing platforms
- Combat sports studio with functional training equipment (TRX, Bosuball and Pilates Balls)
- Studios for Mat and Group training
- 1,7 km outdoor natural running trail
- 1,5 & 2,5 degrees incline running track
- Stair climbing areas with various heights

Basketball Specific Equipment

- Spalding and Molten training and match balls & Ball Carts
- Individual scoreboards for each court BODET
- Vertimax vertical jump and speed training device
- Basketball Specific Tests and Training Opportunities
- Aerobic capacity (Lactate & VO2max tests) HP Cosmos treadmills and QUARK CPET
- Isokinetic strength tests and training with ISOMED 2000
- Anaerobic power test with MONARK
 ergometer
- Body Composition with gold standard BODPOD
- Jump tests with OPTOJUMP
- 3D ground reaction force analysis with 2 KISTLER force plates
- Agility tests and trainings with SPEEDCOURT
- 2D & 3D motion analyses with high speed video analyses systems
- Footscan test for foot pathologies
- HYDROWORX for post injury training and conditioning
- Anthropometric tests
- Basketball specific test protocols for all age groups

100







The 2270 m² multipurpose sports hall with telescopic tribunes can be divided into four separate fields. All equipment is approved by international federations and associations.

Training Areas

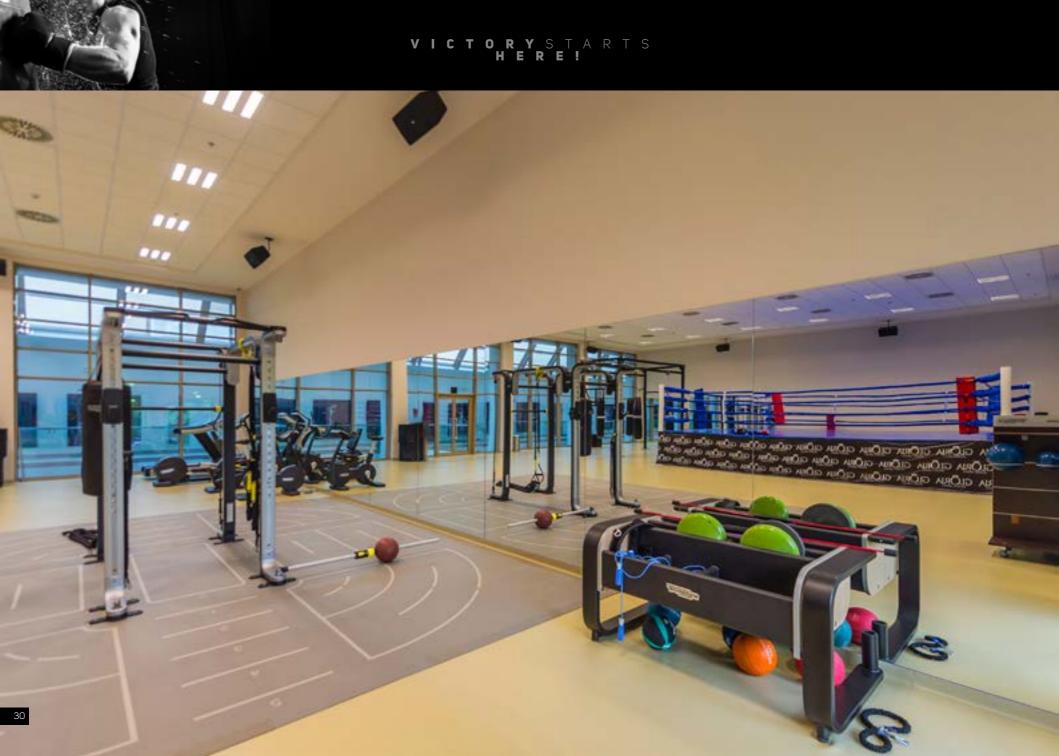
- 4 Parquet floor training courts
- 1 Taraflex center court
- 1 Taraflex training court
- 2 Beach Volleyball courts
- 2000 m² main gym with Technogym Cardio & Strength Training Devices
- Indoor cycling studio with 24 bikes
- Weightlifting studio with ESP full racks and free standing platforms
- Combat sports studio with functional training equipment (TRX, Bosuball and Pilates Balls)
- Studios for mat and group training
- 1,7 km outdoor natural running trail
- 1,5 & 2,5 degrees incline running track
- Stair climbing areas with various heights

Volleyball Specific Equipment

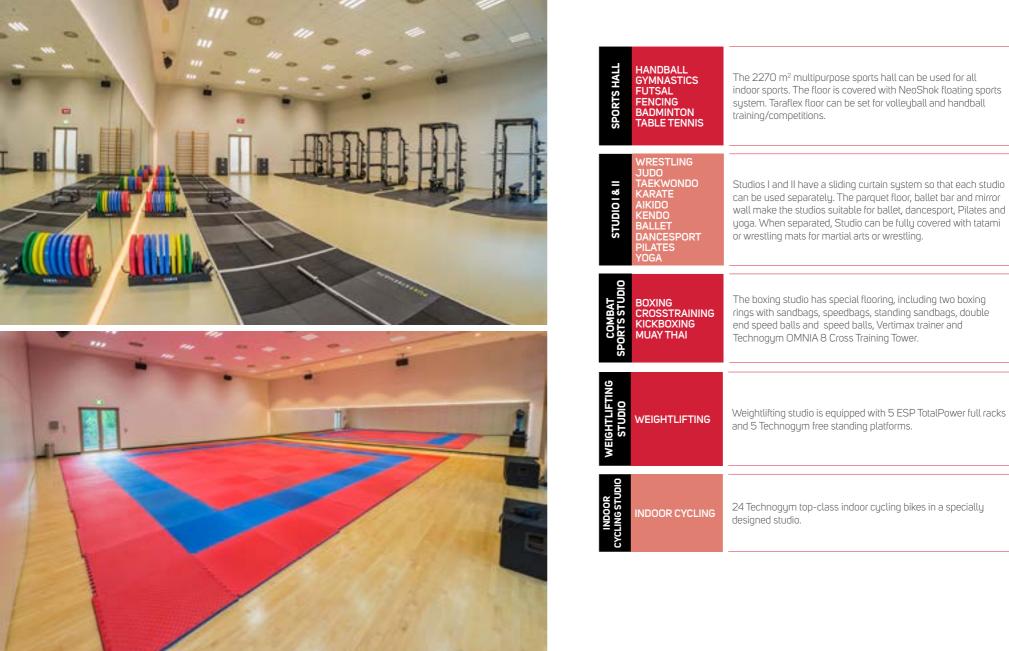
- Volleyball net sets Gared (USA volleyball approved)
- Mikasa MVA200 balls-official match ball
- Ball carts Mikasa
- Block training apparatus
- Pass training basket
- Podiums for spike and block training
- Vertimax vertical jump and speed training device

Volleyball Specific Tests and Training Opportunities

- Block touch, attack height and other jump tests with OPTOJUMP
- Arm swing velocity and motion analyses with 2D & 3D video analyses systems
- Aerobic capacity (Lactate & VO_max tests) HP Cosmos treadmills and QUARK CPET Exercise Testing
- Body Composition with gold standard BODPOD
- Isokinetic strength tests and training with ISOMED 2000
- 3D ground reaction force analysis with 2 KISTLER force plates
- Agility tests and trainings with SPEEDCOURT
- HYDROWORX for post injury training and conditioning
- Anaerobic power test with MONARK
 ergometer
- Footscan test for foot pathologies
- Anthropometric tests
- Volleyball specific test protocols for all age groups



I N D O O R S P O R T S OTHER INDOOR SPORTS







INDOORSPORTS FITNESS





STRENGTH CARDIO

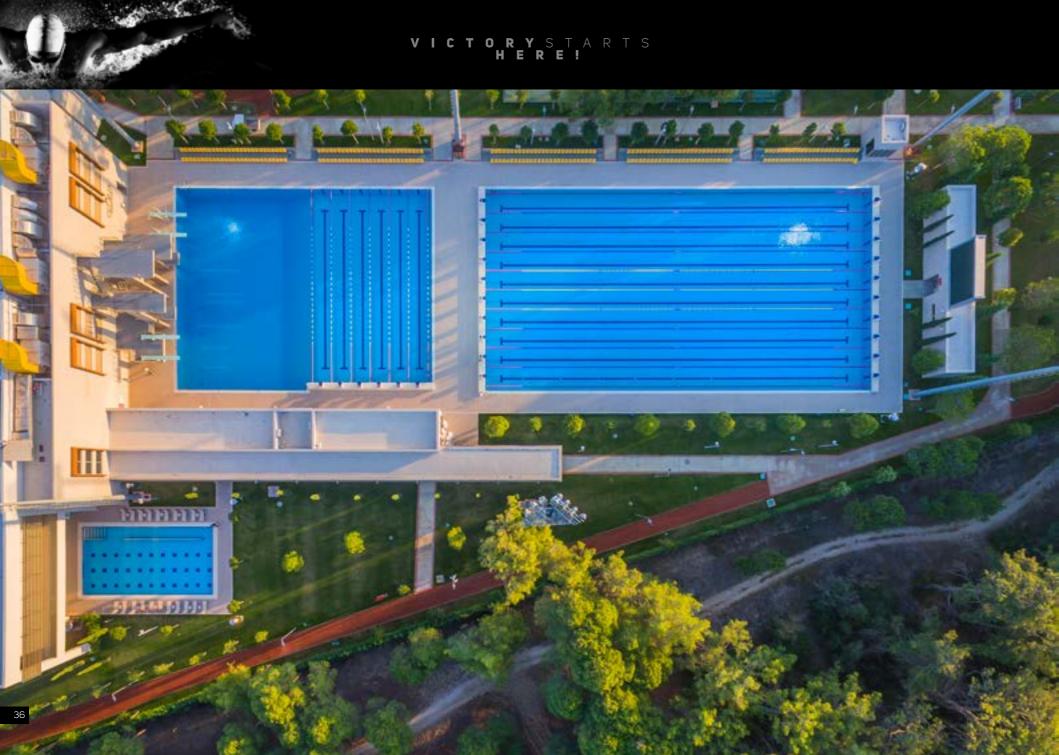
KINESIS CLASS & ONE OMNIA™ 8 & 3 PURESTRENGTH SELECTION MED FULL & HALF RACKS ARKE™ KIT CABLE STATIONS FREE WEIGHTS GROUP CYCLE™ EXCITE®

> RUN - Treadmill SYNCHRO - Cross Training VARIO - Elliptical RECLINE - Bike TOP - Upper Body Cardio



A Q U A T I C S P O R T S AQUATIC SPORTS

GSA Aquatic Center offers 5800 m² Olympic water sports facilities in close proximity with the dryland training facilities.



A Q U A T I C S P O R T S AQUATIC SPORTS



Gloria Sports Arena Aquatic Center offers all Olympic water sports facilities adjacent to dryland training facilities. The 5800 m² aquatic facilities include 10-lane Olympic outdoor swimming pool, 5-lane 50 m indoor pool, 6-lane short-course (25m) outdoor swimming pool, Olympic diving pool, Olympic water polo pool, and rehabilitation pool. Gloria Sports Arena Aquatic Sports Center has a mobile Contemplas high speed video analysis system for all pools.

Pools and Facilities

- 10 lane outdoor & 5 lane indoor 50m equipped with Swiss Timing System
- 6 lane outdoor 25m
- Waterpolo equipped with Swiss Timing
 System
- Diving 1, 3, 5, 7.5, 10m platforms & 2x1m, 2x3m spring boards
- Synchronized swimming
- Underwater hockey & rugby...
- 2000m² main gym with latest Technogym Cardio & Strength training devices
- Indoor cycling studio with 24 bikes
- Weightlifting studio with ESP full racks and free standing platforms
- Combat sports studio with functional training equipment (TRX, bosuball & pilates balls, etc.)
- Studios for mat and group training
- 1,7 km outdoor natural running trail
- 1,5 & 2,5 degrees incline running track
- Stair climbing areas with various heights

Swim-Specific Performance Tests

- High speed underwater video recording -Contemplas Video Analysis System
- Isokinetic & isometric measurement –
 Isomed 2000
- Body Composition with gold standard BODPOD
- Aerobic capacity (Lactate & VO₂max tests) QUARK CPET
- Posture & spine analysis Contemplas Video Analysis System







ATHLETIC PERFORMANCE SPORTS MEDICINE & ATHLETIC PERFORMANCE CENTER PERFORMANCE CENTER

Gloria Sports Arena provides all needs of athletes. Sports Medicine & Athletic Performance Center offers a wide range of medical, rehabilitation and sports performance enhancement services. ...not only for athletes.

... open both for hotel guests and other clients.





Along with cutting-edge equipment, a team of renowned experts on sports medicine, sports science, athletic performance and sports physiotherapy which is led by sports medicine specialist Assoc. Prof. Dr. Ali Erdogan (MD) provides a focused and comprehensive service portfolio.

SPORTS-MEDICAL EXAMINATION & CHECK-UP



The physical examination for musculoskeletal problems and general health screening by using various diagnostic tools. A preparticipation examination is also recommended regularly (yearly) for both professional and amateur athletes and includes:

- Comprehensive sports medical examination
- Consultation and evaluation of general health
- Evaluation of present performance status
- Evaluation of posture and musculoskeletal system

ECG/STRESS ECG



The derivation of the electrical phenomena of the cardiac muscle (EKG) allows numerous records of the characteristics and health of the heart and is an integral part of a sports-medical examination.

DIAGNOSTIC ULTRASONOGRAPHY



Modern color Doppler sonography is used for evaluation of the various structures of the musculoskeletal system. It can be used as an effective tool to monitor healing processes after injuries.

SPARTANOVA



By means of numerous clinical and functional tests, all backed up with relevant scientific evidence, the musculoskeletal system can be evaluated and any significant risk assessed. Using these screening recommendations for an individual, a prevention strategy can be formulated and compiled.

FUNCTIONAL MOVEMENT SCREEN



The compact test battery provides a well-established scoring system to reveal functional deficits and asymmetries. The results form the basis for the creation of a corrective exercise program.

RESTING METABOLIC RATE



RMR, the rate of energy expenditure at rest, is measured by gas analysis through indirect calorimetry. Once, the RMR is known, the amount of calorie needed to keep a healthy weight and also how much extra calories needed for daily physical activities can be calculated.

HEARTH RATE VARIABILITY ANALYSIS



HRV indicates the ability of the organism to change the frequency of cardiac rhythm during physical activity. Thus, the changes of the time lag between two heartbeats are measured. HRV-measurements are increasingly implemented in training science within the scope of performance diagnostics and load control.

METABOLIC HOLTER ASSSESSMENT



A series of arm/chestbands with different sensors and sophisticated software is used to assess and document daily physical activity levels and energy expenditure.

SPIROMETRY



The functional capacity of the lung is an elementary aspect of successful sport activity. Spirometry is a medical test used to determine lung/breathing volume and air velocity for the assessment of pulmonary function.

NUTRITION CONSULTATION



Athletic performance is only possible-if the organism receives the appropriate energy.

SMAPC supports amateur and professional athletes by developing individual diet plansbased on health and physical activity goals.

ANTHROPOMETRIC MEASUREMENTS



Branch-specific anthropometric characteristics of the athletes are measured and documented with precision.

BOD-POD

Bod Pod® is considered as the practically



Gold Standard for body composition assessment. It is the world ´s only Air Displacement Plethysmography system using whole body densitometric principles to measure body composition (body density, body fat and fat-free mass) in adults and children.

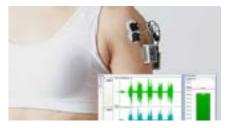
TANITA – BIOELECTRICAL IMPEDANCE



Bioelectrical Impedance Analysis (BIA) is a commonly used method for estimating body composition. Tanita has a patented way of measuring BIA that is faster, easier, less intrusive and includes a precision scale making this a simple one-step process.

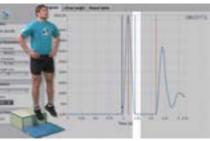
A large variety of important anthropometric, physiological, biomechanical, nutritional, talent-training and past injury-related parameters that are determining sports performance can be evaluated, monitored and improved.

16-CHANNEL WIRELESS EMG



Using surface electrodes the electrical phenomena on the skeletal muscles are measured and recorded within the scope of motion sequences. Such EMG-measurements allow documentation on the coordination of the muscles/muscle groups involved, their stress intensity and the fatigue status of the respective muscular system.

GROUND REACTION FORCE MEASUREMENT



The reactive skills- (or the functionality of 'stretching-shortening cycle') patterns identify the relevant neuromuscular/ coordinative performance level. Jump tests and sophisticated technique analyses are executed with highly sensitive Kistler force plates.

BALANCE – COORDINATION – PROPRIOCEPTION



Dynamic platform allows qualitative and quantitative evaluation of the ability of the musculoskeletal system of individual athletes to stabilize the mechanical axis on unstable ground/conditions. The results identify individual deficiencies.

WINGATE ANAEROBIC CAPACITY TEST



The Wingate Test is a standard test method to determine anaerobic capacity, implemented as an ergometer test with short-time maximum load.

VO, max TEST



The maximum oxygen uptake (VO2max) measured by breath-by-breath gas analysis can be used as a criterion for evaluating the stamina of an athlete. It is defined as "gross criterion" of the motoric endurance.

LACTATE ANALYSIS



It determines the individual anaerobic threshold level (maximum effort levels under lactate-steady-state conditions) and the aerobic threshold level by measuring during and after-effort lactate values. The threshold levels allow the exact intensity of a target-oriented endurance training.

OPTOJUMP – SPRINT & GAIT ANALYSIS SYSTEM



A 30-meter optical measurement system consisting of a transmitting and receiving bars detects any interruptions in communication between the bars and calculates their duration. This makes it possible to measure flight/contact times and all other important parameters during running or some other specific athletic movements.

FITLIGHT



The Fitlights are used as targets for the athletes to deactivate as per training routine. Various tests can be captured for immediate feedback in relation to the athlete's performance.

SMAPC offers a

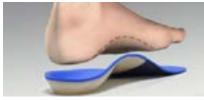
comprehensive range of sports medicine services emphasizing the prevention, treatment, physiotherapy and rehabilitation of sportsrelated injuries of elite, amateur and recreational athletes. SMAPC provides health services not only to athletes, but also to patients of all ages and physical activity levels who can benefit from unique combination of the services.

FOOTSCAN - GAIT ANALYSIS



Precise plantar pressure measurements allows a complete clinical gait analysis which reveals the risk of injury and running efficiency.

CUSTOM MADE INSOLES



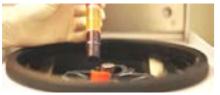
To correct foot disorders, custom-made insoles can be produced on CNC laser equipment by using the data of FootScan gait analysis.

HILTERAPIA



For many overload, traumatic or degenerative pathologies, high intensity laser, Hilterapia® produces important therapeutic effects by triggering a series of biological signals that contribute to the tissue mending and regeneration processes; moreover, it activates lymphatic drainage and microcirculation.

PRP (Platelet-Rich Plasma)



Platelet activation plays a key role in the process of wound and soft tissue healing.

The use of platelet rich plasma (PRP), a portion of the patient's own blood having a platelet concentration above baseline, to promote healing of injured tendons, ligaments, muscles, and joints, can be applied to various musculoskeletal problems.

MANUEL THERAPY



"More than a massage" - Osteopath, Chiropractor and Sports Physiotherapist professions assess, treat and rehabilitate musculoskeletal injuries using manual therapy.

DRY NEEDLING



Sports Acupuncture & Trigger Point Dry Needling helps athletes of all ages achieve their best performance. It is one of the most effective hands-on tools for releasing chronic tension and restoring healthy, pain free mobility.

TAPING TECNIQUES



Taping, Kinesio Taping, Dynamic Taping, and McConnell Taping Technique and others to help pain management, swelling control, tissue healing, functional improvement and injury prevention.

WIRELESS ELECTROSTIMULATION

Electrostimulation is an integral part of physiotherapy and pain management protocols, and also used in training programs to prevent injuries. By the help of wireless electrostimulation, muscular excitation occurs directly on the motor nerve usina electrical pulses perfectly controlled to quarantee

effectiveness, safety and comfort in use.

VERTIMAX



Cutting-edge training tools helps to improve vertical jump, speed and explosive power and acceleration at virtually any position.

MEDICALLY SAFE STRENGTH TRAINING



A specially designed and medically approved series of fitness equipment provides safer strength training during rehabilitation.

47

CONTEMPLAS

...develops innovative solutions for the analysis of motion

With Templo Motion Analysis Software, CONTEMPLAS provides individual solutions tailored to everyday problems and allows multi camera capture for 2-3 dimensional posture, gait, swimming and sport specific technical analysis.



2D-3D POSTURE ANALYSIS

...fast and easy analyses of human posture. It can be used in diagnosis and documentation for:

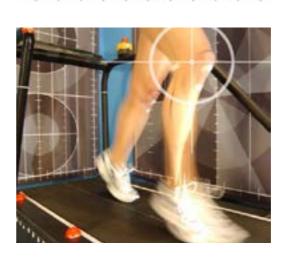
- Pre and postoperative analyses
- Recognition of posture deficits of children and young people
- Constitutional exploration of athletes
- Documentation of therapy progress in rehabilitation
- Preventive activities



UNDERWATER VIDEO ANALYSIS

...complete solution for analyzing the biomechanics of swimming movements and performance relevant parameters divided in specific workflows:

Start Analysis - Turn Analysis -Timing Analysis - Competition Analysis - Qualitative Motion & Technique Analysis.



GAIT ANALYSIS

...used to assess, plan, and treat individuals with conditions affecting their ability to walk and run. It is also used in sports biomechanics to help athletes run more efficiently and to identify posture-related or movement-related problems in people with injuries.

HIGH SPEED VIDEO ANALYSIS

TEMPLO Sport analysis involves the evaluation of specific sports related movements. Through the use of multiple synchronized capture perspectives and useful analysis tools, coaches and athletes alike are able to determine critical weaknesses in form and are thus able to enable the immediate correction of said weaknesses.

ISOKINETIC TESTING & TRAINING – ISOMED 2000



Isokinetic test and training systems allow the exact evaluation of muscular power during static isometric contractions and dunamic movement patterns with constant motion speed and concentric and/or eccentric muscle activity. With single joint force measurement, the turning time moment of the synergic and antagonistic muscles is measured joint-specifically. With multiple joint force measurement of the extremities the force-time-curve of the sunergic and/or antagonistic muscle chains can be determined

SPEEDCOURT – SPEED, AGILITY & COORDINATION **TESTING & TRAINING**



The SpeedCourt is a multifunctional training and measurement system for speed and agility, coordination, visual and cognitive perception and end stage rehabilitation. On a sports floor field of 50m², 12 sensor fields are embedded, connected and steered by highly sophisticated software. Variations of fundamental, motion, explosiveness and reactive speed, acceleration and agility, power, and injury prevention can be created by the coach and be visualized on a large screen for the athlete.

ICELAB -110 °C – WHOLE BODY CRYOTHERAPY



RECOVER FASTER

 More effective than traditional ice therapy Speeds up recovery after hard training sessions

IMPROVE IMMUNE SYSTEM

 Decreases the occurance rate of cold and other health problems

INCREASE COLLAGEN PRODUCTION

 Helps you to look more younger by tightening the skin

REDUCE PAIN

 Reduces inflamation Lowers chronic pain

DESCREASE THE RISK OF INURY

• Increases range of motion

INCREASE ENDORPHIN LEVEL

- Feel more energetic
- Increases seratonin level and helps to overcome depression

INCREASE METABOLIC RATE

- 3 Minutes WBC is effective as 1 hour exercise
- Burns approximately 500 calories in 1 session

INCREASE TESTESTERONE LEVE

Increases libido

HYDROWORX - AQUA TRAINING

UNDERWATER TREADMILL

Adjustable water depth (hydraulic lifting floor)

Adjustable resistance (counterflow jets)

Regular biofeedback (permanent installed underwater cameras)

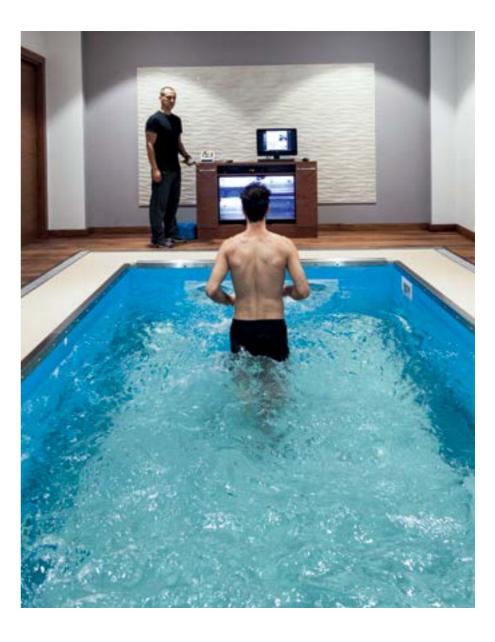
- Targeted reduction of joint stress realized by changing the water depth.
- Hydrostatic pressure on the corresponding biologic structures to reduce posttraumatic swelling effects.
- Special characteristics of the water resistance allow the training intensity of the exercises to be exactly regulated by the athlete/patient within actual pain free range (fast speed movements create high training resistance, slow movements create low training intensities).

TRAINING

- A peripheral pressure on the skin-/soft tissue structures, which has equivalent effects of a massage.
- Water resistance creates higher muscular training intensity on the skeletal muscles, while at the same time the joint stress during the exercises is significantly reduced and thus overuse phenomena is prevented.
- Caused by increased training intensities of all integrated muscle groups the training stimulus for the cardiovascular system is consequently increased and creates optimized training adaptations to the involved biological structures.



RECOVERY



PHYSIOTHERAPY EQUIPMENT

Zimmer MedizinSysteme

With more than 40 years experience Zimmer MedizinSysteme is the distinguished supplier of system solutions in medical technics.

With 40 years in the market of technical medicine, Zimmer MedizinSysteme is one of the leading European manufacturers of physiotherapy equipment. GSA has three therapy rooms, equipped with the newest Zimmer therapy devices. Our experienced team of sports scientists, physiotherapists and trainers is led by our specialist for sports medicine. Our goal is to bring you back into sports or daily life as fast as possible and without any pain.

Cruo6

Contraru to other cooling methods such as contact cooling, cryogenic spray or ice packs, the Cryo6 cools the skin temperature much faster with less danger of acid burns. It holds a constant dosage during the whole treatment.







OptonPro

This highly effective laser gives off up to 7 watts of power on two wavelengths at the same time via an ergonomically shaped applicator thus providing a broad spectrum of therapies. The High Power Laser OptonPro is ideal for the treatment of: musculoskeletal diseases, tendinopathies, myofascial pain syndrome, painful trigger-points, neuralgia and skin disorders.

enPuls Version 2.0

With the help of an accelerated projectile in the handpiece a mechanical shock wave is created and transmitted onto the human body via an applicator button, also stretching out to the tissue.





Thermo TK

Soleo SonoStim

SonoStim has

simultanous

frequencies.

This provides deep heat via high frequency electro therapy. Thermo TK can be applied for all acute and chronic pain in the musculoskeletal area. The patient receives high frequency electricity which cannot be felt and which creates a soothing effect at a deep level.







C C O M M O D A T I O N ACCOMMODATION

А





Tailor-designed for the athletes comfort

Gloria Sports Arena offers 100 modern designed rooms with stadium view. The rooms are tailor-made for the needs of individual athletes and sport teams. There are 82 standard rooms (30 m²), 10 suite rooms (63 m²) and 8 disabled rooms (30 m²).



A C C O M M O D A T I O N ACCOMMODATION





Gloria Hotels & Resorts also offers a wide range of exquisite accommodation with three luxurious and stylish 5-star resorts located at the beach: Gloria Golf Resort, Gloria Verde Resort and Gloria Serenity Resort.

GLORIA GOLF RESORT

- Rooms: 471
- Bed Capacity: 1.220

Room Facilities

- WiFi access
- Direct dial telephone,
- Satellite TV, interactive system, Pay TV

GLORIA VERDE RESORT

- Rooms: 272
- Bed Capacity: 638

Room Facilities

- WiFi access
- Direct dial telephone
- Remote control lighting

GLORIA SERENITY RESORT

- Rooms: 398
- Bed Capacity: 1.112

Room Facilities

- WiFi access
- Direct dial telephone
- Remote control lighting

- LCD TV
 Balcopulor
- Balcony or terrace
- Bath or shower
 Safe mini has baisdruos key card sustem
 - Safe, mini-bar, hairdryer, key-card system

Restaurants & Bars

- 9 restaurants, 9 bars
- Satellite TV, interactive system, Pay TV, LCD TV
- Balcony or terrace,
- Safe, mini-bar, hairdryer, key-card system
- Bath or shower

Restaurants & Bars

- 6 restaurants, 7 bars
- Satellite TV, interactive system, Pay TV, LCD TV
- Balcony or terrace
- Golf bag wardrobe
- Jacuzzi and separate shower
- Safe, mini-bar, hairdryer, key-card system, scale

Restaurants & Bars

• 8 restaurants, 6 bars



g a s t r o n o m y GASTRONOMY





Tailor-made for the athletes nutritional needs...

Gloria Sports Arena features Elly's Restaurant with a terrace, a lobby & lounge and a sports bar all with direct view of the stadium. Guest will find a wide variety of international and regional specific dishes at Elly's Restaurant.

GLORIA GOLF CLUB 2.400.000 m² Golf area with 45 holes

A CONTRACTOR OF THE OWNER





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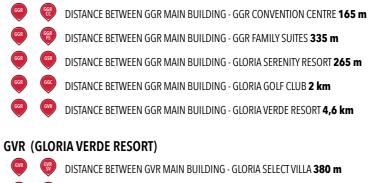


gloria's world GLORIA'S WORLD

GLORIA HOTELS & RESORTS DISTANCES BETWEEN COMPLEXES

The red marks on the map are short codes for the complexes. By looking at the marks, you can find the distance between the complexes.

GGR (GLORIA GOLF RESORT)



- 0 DISTANCE BETWEEN GVR MAIN BUILDING GLORIA GOLF CLUB 914 m
- DISTANCE BETWEEN GVR SELECT VILLA GLORIA GOLF CLUB 890 m

GSR (GLORIA SERENITY RESORT)

Geo DISTANCE BETWEEN GSR MAIN BUILDING - GLORIA GOLF CLUB 1,5 km

GGC (GLORIA GOLF CLUB)

- Geo DISTANCE BETWEEN GLORIA GOLF CLUB FOOTBALL FIELDS 815 m
- 🛯 🧐 DISTANCE BETWEEN GLORIA GOLF CLUB GLORIA SPORTS ARENA 3,9 km

GSA (GLORIA SPORTS ARENA)

- DISTANCE BETWEEN GLORIA SPORTS ARENA GLORIA VERDE RESORT 3,9 km
- DISTANCE BETWEEN GLORIA SPORTS ARENA GLORIA GOLF RESORT 6,7 km
- OISTANCE BETWEEN GLORIA SPORTS ARENA GLORIA SERENITY RESORT 6,5 km





• 2300 km bike road

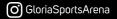
- 25 differents routes
- 18.000 m total elevation gain
- 100 to 2300m max positive elevation (+750m average)
- 35 km to 170 km singular circuits
- Mixed circuits : up to 250 km/40 differents routes
- 14 discovery bike paths
- 11 fast track bike roads



Download the Gloria Sports Arena Cycling Routes







gloriasportsarena.com.tr