



CAMPEÓN 2024
CONMEBOL COPA AMERICA

SCIENTIFIC JOURNAL

MEDICAL & ANTIDOPING COMMISSION

2024 EDITION





JOE ROBBIE

Hard Rock Stadium

MUSIC

9:14 PM

Hard Rock Stadium

DON SHU

USA 2024

CONMEBOL COPA AMERICA USA 2024

CONMEBOL

ROCKING THE CONTINENT

CONMEBOL COPA AMERICA USA 2024

CONMEBOL COPA AMERICA USA 2024



SCIENTIFIC JOURNAL
**MEDICAL & ANTIDOPING
COMMISSION**
CONMEBOL COPA AMERICA USA 2024

Remarks by Mr. Alejandro Dominguez

President of CONMEBOL.

Information about a unique tournament.

For all departments and areas of CONMEBOL, the organization of the CONMEBOL Copa América USA 2024 entailed complex difficulties and challenges that had to be solved by making use of creativity and, above all, commitment to South American football. The Medical Commission also faced technical and logistical challenges, in a tournament carried out in a huge country and with more participating teams. Like the rest of the team, the Medical Commission responded to the demands with efficiency and responsibility.

Considering the aforementioned unique characteristics of this edition of Copa América, the lessons we can draw from it are even more valuable, for future competitions. That is why this report is of special importance, with data and statistics that can help the different medical bodies of Associations and clubs to better direct their efforts and delve into different topics of sport's healthcare. This includes recurrent injuries, the implementation of new protocols and the implementation of anti-doping controls.

I would like to thank Dr. Osvaldo Pangrazio and the team of the CONMEBOL Medical Commission for the commitment and dedication they showed in this unforgettable tournament. I am certain that the fruit of his labor, which is briefly summarized in this document, will be appreciated by his peers from South America and the world.



Remarks by Dr. Osvaldo Pangrazio

President of the Medical Commission and Director of the CONMEBOL Anti-doping Unit.

As we conclude the CONMEBOL Copa America USA 2024, I want to highlight the commitment and dedication of the medical team that worked tirelessly to ensure the health and well-being of players, coaching staff, and fans.

To all the national team doctors, field medical and doping control officers, professionals who have worked in the 14 stadiums, your effort and dedication, the immediate attention you have provided has been essential pillars for the smooth running of the tournament.

Thank you again for your commitment and professionalism. Together, we have made the CONMEBOL Copa America USA 2024 a memorable and safe event.





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I. Preface.

The CONMEBOL Copa América USA 2024 has marked a historic milestone in South American football. Organizing the competition in the United States was an important step, and undoubtedly a tremendous challenge for everyone, seeking that fans had the opportunity to live a unique experience and enjoy the excitement of this prestigious tournament, offering high levels of services to all involved.

The competition was divided into 3 zones: East, Center and West. There were 14 different venues for the 32 matches played by 16 teams.

The opening match took place in Atlanta, Georgia, on June 20, where Argentina faced Canada. The final was held on July 14 in Miami, Florida, between Argentina and Colombia.

From the Medical Commission, we have carefully developed action plans anticipating all the different medical situations that may occur, applying medical protocols with high safety standards to protect the health of the athletes and we also implemented a structured work-system, with a General Medical Coordinator of the USA as leader, and one known by the acronym VMC - Venue Medical Coordinator one for each venue, responsible for coordinating and managing the needs of the participating teams and the needs of the Medical Commission in each city. They were a fundamental piece in the process of applying medical protocols.

From the perspective of Antidoping, planning has been carried out regarding the number of samples to be collected in-competition and out-of-competition along with the CONMEBOL Antidoping Testing Officers.



Structure of the CONMEBOL Medical Commission & Antidoping Unit



Dr. Osvaldo Pangrazio
Medical Commission President
Antidoping Unit Director



Paola Coronel
Medical Commission and
Antidoping Unit Administration Manager



Gabriela Gossen
Antidoping Unit
Coordinator



Alicia Velazquez
Medical Commission Coordinator



Elias Paredes
Responsible for
the Antidoping Unit



Jesús Morínigo
Medical Commission Analyst



Ignacio Triñanes
Antidoping Unit Analyst



Sebastian Peña
Administration Assistant



II. Medical Officers' Training

April 2024 Workshop



On Friday, April 5, 2024, the Medical & Antidoping Workshop for the **CONMEBOL Copa America USA 2024** took place at the CONMEBOL headquarters.

The 16 doctors from the participating teams attended, 10 from CONMEBOL (Argentina, Chile, Uruguay, Paraguay, Bolivia, Peru, Brazil, Ecuador, Colombia and Venezuela), as well as six qualified teams from CONCACAF (Canada, the United States, Mexico, Costa Rica, Jamaica and Panama). Field medical officers and doping testing officers were also present. After the welcome of the president of CONMEBOL, Alejandro Domínguez W-S, and the introduction of the day by the president of the Medical Commission and director of the CONMEBOL Antidoping Unit, Dr. Osvaldo Pangrazio, along with the general coordinator Dr. George Chiampas, the venues and the figure of the Venue Medical Coordinator (VMC) were presented. The VMCs would be responsible for coordinating medical services and the reference hospitals at each venue.

The Workshop covered CONMEBOL's medical protocols for: cases of cardiac arrest and resuscitation, cases of traumatic brain injury or suspected concussion, management of serious injuries and hydration breaks. In addition, information was provided such as the process of activating health insurance and the importance of pre-competition

evaluations.

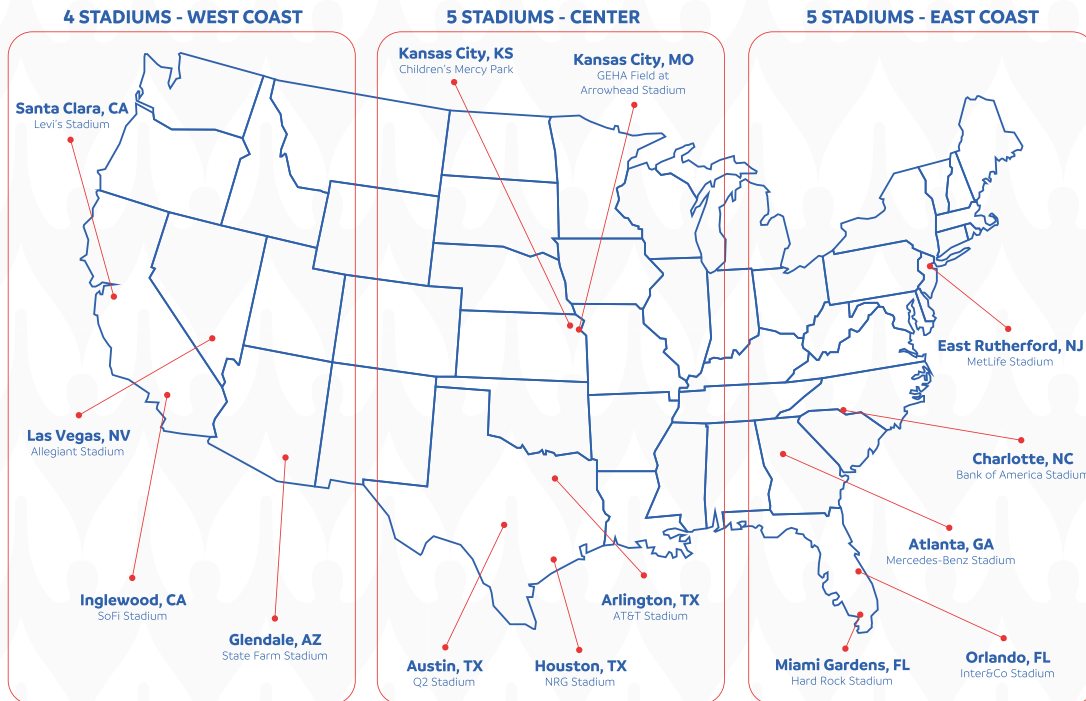
In the session dedicated to Antidoping tests, the structure of the Antidoping Testing Officers of each venue was presented, the list of prohibited substances was reviewed, the procedure for TUE applications, the particularity of the sample collection process was also reviewed.



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III. Distribution of venues, stadiums and medical teams.



A TOTAL OF 14 STADIUM



Metlife Stadium
East Rutherford, New Jersey



Capacity:
82,500 people

Venue Medical Coordinator:
Michael Farber (USA)

Field Medical Officer:
Alan Figueira (BRA) / André Pedrinelli (BRA)

Antidoping Testing Officers:
Nadia Sosa (PAR) y Felix Drumond (BRA) / Jorge Sarango (PER) y Vanessa Lozano (COL)

Matches:
25 June - Chile vs. Argentina
27 June - Uruguay vs. Bolivia
9 July - Argentina vs. Canada



Hard Rock Stadium

Miami, Florida

**Capacity:**

62,500 people

Venue Medical Coordinator:

Luis Rodríguez (USA)

Field Medical Officer:

Lisandro Olmos (ARG) / André Pedrinelli (BRA)

Antidoping Testing Officers:

Jorge Sarango (PER) y Vanessa Lozano (COL)

Matches:

23 june: Uruguay vs. Panama

29 june: Argentina vs. Peru

14 july: FINAL - Argentina vs. Colombia



Inter&Co Stadium

Orlando, Florida

**Capacity:**

25,500 people

Venue Medical Coordinator:

Justin Mullner (USA)

Field Medical Officer:

Hugo Marambio (CHI)

Antidoping Testing Officers:

Marcelo Rodríguez (ARG) y Matilde Miralles (URU)

Matches:

29 june: Canada vs. Chile

1 july: Bolivia vs. Panama



Bank of America Stadium

Charlotte, North Carolina



Capacity:

74,500 people

Venue Medical Coordinator:

Brent Messick (USA)

Field Medical Officer:

Hugo Marambio (CHI)

Antidoping Testing Officers:

Marcelo Rodríguez (ARG)

Matilde Miralles (URU)

Matches:

10 July - Uruguay vs. Colombia

13 de July – Canada vs. Uruguay



Mercedes-Benz Stadium

Atlanta, Georgia



Capacity:

71,000 people

Venue Medical Coordinator:

Peter Symbas (USA)

Field Medical Officer:

Lisandro Olmos (ARG)

Antidoping Testing Officers:

José Veloso (URU)

André Thiele (BRA)

Matches:

20 June - **OPENING** - Argentina vs. Canada

27 June - Panama vs. United States



GEHA Field at Arrowhead Stadium

Kansas City, Missouri



Capacity:

76,400 people

Venue Medical Coordinator:

Scott Luallin (USA)

Field Medical Officer:

Mario Stumbo (ARG)

Antidoping Testing Officers:

Fernando Solera (BRA)
Alejandro Soler (COL)

Matches:

1 July - United States vs. Uruguay



Children's Mercy Park

Kansas City, Kansas



Capacity:

80,000 people

Venue Medical Coordinator:

Scott Luallin (USA)

Field Medical Officer:

Natalia Mourao (BRA)

Antidoping Testing Officers:

Christian Lavarello (CHI)
Guillermo Betancourt (COL)

Matches:

25 June - Peru vs. Canada



AT&T Stadium

Arlington, Texas



Capacity:

80,000 people

Venue Medical Coordinator:

James Cleo Walter II (USA)

Field Medical Officer:

Mario Stumbo (ARG)

Antidoping Testing Officers:

Fernando Solera (BRA)

Alejandro Soler (COL)

Matches:

21 June - Peru vs. Chile

23 June - United States vs. Bolivia

5 July - Uruguay vs. Brazil



NRG Stadium

Houston, Texas



Capacity:

72,220 people

Venue Medical Coordinator:

Vijay Jotwani (USA) / Travis Hanson (USA)

Field Medical Officer:

Sergio Freire (BRA)

Antidoping Testing Officers:

Boris Zambrano (ECU)

Osni Jaco da Silva (BRA)

Matches:

22 June - Mexico vs. Jamaica

24 June - Colombia vs. Paraguay

4 July - Argentina vs. Ecuador



Q2 Stadium

Austin, Texas



Capacity:
20,700 people

Venue Medical Coordinator:
Doug Elenz (USA)

Field Medical Officer:
Natalia Mourao (BRA)

Antidoping Testing Officers:
Christian Lavarello (CHI)
Guillermo Betancourt (COL)

Matches:
30 June - Jamaica vs. Venezuela
2 July - Costa Rica vs. Paraguay



State Farm Stadium

Glendale, Arizona



Capacity:
63,400 people

Venue Medical Coordinator:
John Cory (USA)

Field Medical Officer:
Fabio Krebs (BRA)

Antidoping Testing Officers:
Gonzalo Gaiero (URU)
Roberto Díaz (CHI)

Matches:
28 June - Colombia vs. Costa Rica
30 June - Mexico vs. Ecuador
6 July - Colombia vs. Panama



Allegiant Stadium

Las Vegas, Nevada



Capacity:

65,000 people

Venue Medical Coordinator:

Will Rosenberg (USA)

Field Medical Officer:

Jairo Rojas (COL)

Antidoping Testing Officers:

Victor Carpio (PER)

Octavio da Silveira (BRA)

Matches:

26 june - Ecuador vs. Jamaica

28 june - Paraguay vs. Brazil

6 july - Uruguay vs. Brazil



SoFi Stadium

Inglewood, California



Capacity:

70,000 people

Venue Medical Coordinator:

Joshua Scott (USA)

Field Medical Officer:

Matias Roby (CHI)

Antidoping Testing Officers:

Francisco Mateu (ARG)

Javier Peralta (VEN)

Matches:

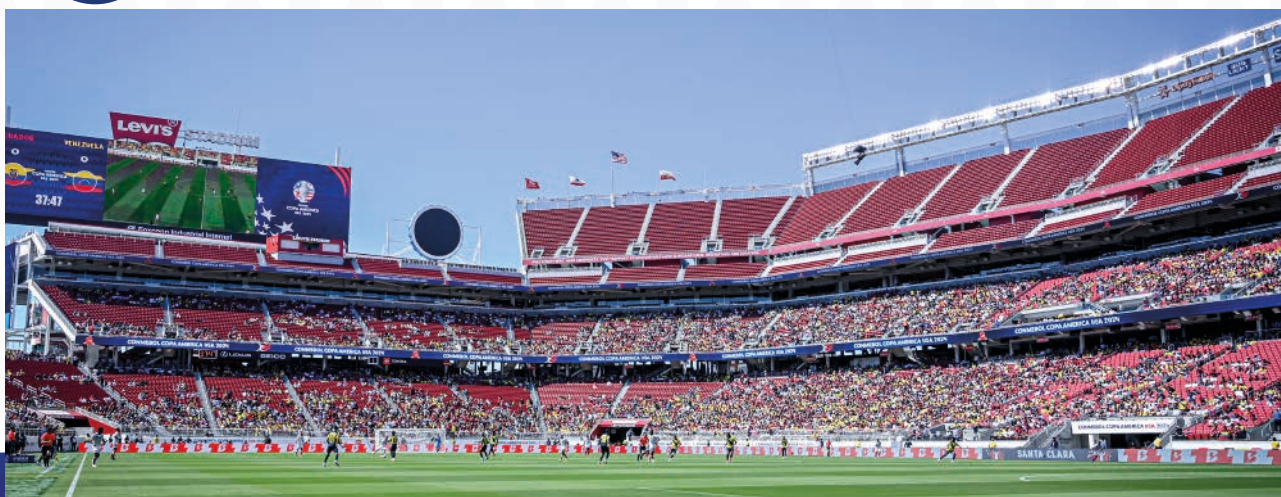
24 june - Brazil vs. Costa Rica

26 june - Venezuela vs. Mexico



Levi's® Stadium

Santa Clara, California



Capacity:

68,500 people

Venue Medical Coordinator:

Chris Chung (USA) / Anthony Saglimbeni (USA)

Field Medical Officer:

Jairo Rojas (COL)

Antidoping Testing Officers:

Victor Carpio (PER)

Octavio da Silveira (BRA)

Matches:

22 June - Ecuador vs. Venezuela

2 July - Brazil vs. Colombia



IV. REPORT OF THE MEDICAL COMMISSION



IV. a. Temperature Tracking

In Table 1, the matches played, the city, the stadiums, and the officer temperature at the start are specified, controlled and verified by the Field Medical Officer using the Wet Bulb Globe Temperature (WGBT) 60 minutes before kickoff. Six of the fourteen stadiums were closed/air-conditioned.



| Match | Date | National Team | Stadium - City | Temperature |
|-------|---------|---|-----------------------------------|-------------|
| # 1 | 20/6/24 |  | Mercedes-Benz - Atlanta | 21 °C |
| # 2 | 21/6/24 |  | AT&T Stadium - Arlington | 22 °C |
| # 3 | 22/6/24 |  | NRG Stadium - Houston | 17 °C |
| # 4 | 22/6/24 |  | Levi's Stadium- Santa Clara | 23 °C |
| # 5 | 23/6/24 |  | AT&T Stadium - Arlington | 22 °C |
| # 6 | 23/6/24 |  | Hard Rock Stadium - Miami | 28 °C |
| # 7 | 24/6/24 |  | Sofi Stadium, Inglewood | 24 °C |
| # 8 | 24/6/24 |  | NRG Stadium - Houston | 19 °C |
| # 9 | 25/6/24 |  | Metlife Stadium East Rutherford | 20 °C |
| # 10 | 25/6/24 |  | Children's Mercy Park Kansas City | 29 °C |
| # 11 | 26/6/24 |  | Sofi Stadium, Inglewood | 24 °C |
| # 12 | 26/6/24 |  | Allegiant Stadium Las Vegas | 17 °C |
| # 13 | 27/6/24 |  | Mercedes-Benz - Atlanta | 21 °C |
| #14 | 27/6/24 |  | Metlife Stadium East Rutherford | 20 °C |

| Match | Date | National Team | Stadium - City | Temperature |
|-------|---------|---|--|-------------|
| # 15 | 28/6/24 |   BRASIL | Allegiant Stadium - Las Vegas | 15°C |
| # 16 | 28/6/24 |   | State Farm Stadium - Glendale | 18°C |
| # 17 | 29/6/24 |   | Hard Rock Stadium - Miami | 16°C |
| # 18 | 29/6/24 |   | Inter&Co. Stadium - Orlando | 23°C |
| # 19 | 30/6/24 |   | State Farm Stadium Glendale | 19°C |
| # 20 | 30/6/24 |   | Q2 Stadium - AusWtin | 29°C |
| # 21 | 1/7/24 |   | GEHA Field at Arrowhead Kansas City | 26°C |
| # 22 | 1/7/24 |   | Inter&Co. Stadium - Orlando | 23°C |
| # 23 | 2/7/24 |   BRASIL | Levi's Stadium Santa Clara | 27°C |
| # 24 | 2/7/24 |   | Q2 Stadium - Austin | 26°C |


QUARTERFINALS

| Match | Date | National Team | Stadium - City | Temperature |
|-------|--------|---|--------------------------------|-------------|
| # 25 | 4/7/24 |   | NRG Stadium - Houston | 19°C |
| # 26 | 5/7/24 |   | AT&T Stadium - Arlington | 25°C |
| # 27 | 6/7/24 |   BRASIL | Allegiant Stadium Las Vegas | 16°C |
| # 28 | 6/7/24 |   | State Farm Stadium Glendale | 19°C |


SEMIFINAL

| Match | Date | National Team | Stadium - City | Temperature |
|-------|---------|---|--------------------------------------|-------------|
| # 29 | 9/7/24 |  | Metlife Stadium East Rutherford | 27°C |
| # 30 | 10/7/24 |  | Bank of America Stadium Charlotte | 26°C |

THIRD AND FOURTH PLACE

| Match | Date | National Team | Stadium - City | Temperature |
|-------|---------|---|--------------------------------------|-------------|
| # 31 | 13/7/24 |  | Bank of America Stadium Charlotte | 23°C |

FINAL

| Match | Date | National Team | Stadium - City | Temperature |
|-------|---------|---|----------------------------|-------------|
| # 32 | 14/7/24 |  | Hard Rock Stadium Miami | 26°C |



IV. b. Field Medical Officer Duties

Ten Field Medical Officers have been appointed to the following duties:

Day before the match (MD-1)

- Coordination meeting.
- Meeting with team doctors and the VMC - Venue Medical Coordinator.
- Coordination of hospitals near the venues.
- Coordination of medical services in stadiums.
- Coordinate with the Doctors of Teams A and B the protocol of action in the event of a possible cardio-respiratory arrest (CPA).

Match Day (MD)

- Practice player extraction with the 8 stretcher bearers.
- Inspection of health posts and ambulances for players and spectators.
- Room review and/or medical materials available for player care in the stadium.
- **90 minutes prior:** measure temperature with the official bulb. The hydration break starts at 32 °C/ 89.6 °F

- **60 minutes prior:** measure temperature with the official bulb.
- **Upon team arrival:** Sign PCR protocol.
- They must take a photo and upload it to COMET in the daily report.
- Hand radios to the emergency team.

During the match:

- Coordinate with the BVM (Broadcast Venue Manager) and the match delegate to determine the location of the Tablet (medical monitoring system).
- The Field Medical Officer must have visibility of everything happening on the playing field.
- The Field Medical Officer must use the Tablet to verify plays that involve possible serious injuries and communicate to the National Team Doctor if he perceives any suspicion of a serious injury.



IV. c. Application of New Protocol

Pause

- If it is suspected that a player has suffered a traumatic brain injury (TBI), the game is stopped.

Medical Evaluation

- The player is evaluated by the selection doctor for 3 minutes on the field.

Medical Decision

- Based on the evaluation, it is decided whether the player can continue playing or should be substituted.

Substitution/replacement:

- The pink card is used to indicate that the substitution is due suspected TBI or concussion.

Reentry:

- The substituted player can no longer return to the match.

TARJETA DE SUSTITUCIÓN POR CONMOCIÓN CEREBRAL

Partido N°
Equipo:

N° Jugador: **ENTRA**

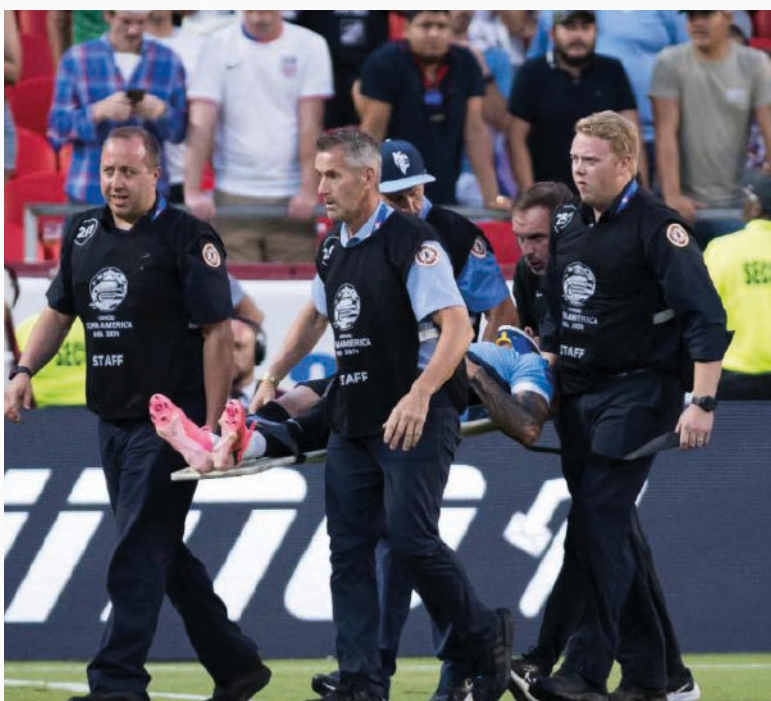
N° Jugador: **SALE**

• Entregue esta tarjeta al 4° árbitro/a
• Entregue este cartão ao 4º árbitro

Firma del médico del equipo _____

RESERVADO PARA EL 4° ÁRBITRO O EL DELEGADO DEL PARTIDO

Minuto



We recorded **1 case of concussion with loss of consciousness and cervical trauma** that forced the withdrawal of the player from the Uruguayan national team. The player was transported by ambulance to the **University Health Truman Medical Center**, in Kansas City, MO, where a **CT** scan was performed without any abnormalities. There the player recovered, and other types of injuries were ruled out. The player, after completing the SCAT5, returned to competition two days later.

Medical consent used in competition

- CONMEBOL -
COPA AMERICA
USA 2024

Consent to act in the event of Cardio-Respiratory Arrest (CRP)

Reunited at the stadium....., in the city of in the United States of America, the Doctor from the team and from the team with the CONMEBOL Field Medical Officer Dr. confirm that each of the doctors will direct the CRP maneuvers of the players on their team, and will be Dr who will be in charge of the CRP maneuvers in case it is necessary to act on other people who are on the field of play.

The two Team doctors will come with their own defibrillator (AED), being responsible for its correct functioning.

In....., on.....of....., 2024

Signed. Dr. _____ Signed. Dr. _____
Team:..... Team:.....

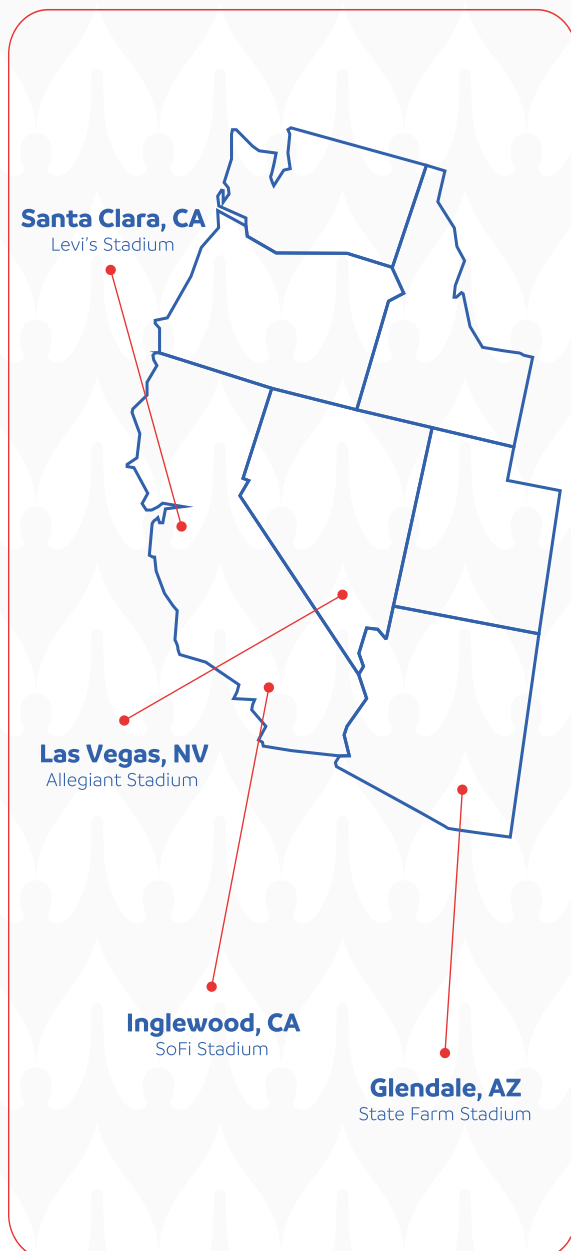
Acting as witness,
Signed Dr.....
CONMEBOL Field Medical Officer

IV. d. Health Insurance & Hospitals

The health insurance contracted has been a fundamental support during the competition, from the arrival of the Teams to their departure.

For a better flow of communication, an exclusive telephone service line has been created for CONMEBOL, that sped up all the emergency care requested by the participating teams, for the request of tests, surgeries, and more.

WEST COAST



West Coast Hospitals

Levi's Stadium, Santa Clara.

- O'Connor Hospital
- Regional Medical Center
- Santa Clara Valley Medical Center

Allegiant Stadium, Las Vegas.

- University Medical Center
- Spring Valley Hospital Medical Center
- Southern Hills Hospital and Medical Center
- Elite Medical Center

Sofi Stadium, Inglewood

- Centinela Hospital Medical Center
- Memorial Hospital of Gardena
- Martin Luther King Jr. Community Hospital

State Farm Stadium, Glendale

- Dignity Health
- St. Joseph's Westgate Medical Center
- Banner Estrella Medical Center
- HonorHealth Deer Valley Medical Center
- HonorHealth Scottsdale Thompson Peak Medical Center
- Barrow Neurological Institute

CENTER



Hospitals Center

Children's Mercy Park, Kansas City.

- Select Specialty Hospital - Kansas City
- Providence Hospital
- Saint Luke's Community Hospital

GEHA Field at Arrowhead Stadium, Kansas City

- North Kansas City Hospital
- Kansas City VA Medical Center
- Saint Luke's Hospital of Kansas City
- Centerpoint Medical Center
- University Health Truman Medical Center

Q2 Stadium, Austin.

- Centinela Ascension Seton Northwest Hospital
- St. David's Medical Center
- Fresenius Medical Care at North Austin Med Centre Rehab

NRG Stadium, Houston.

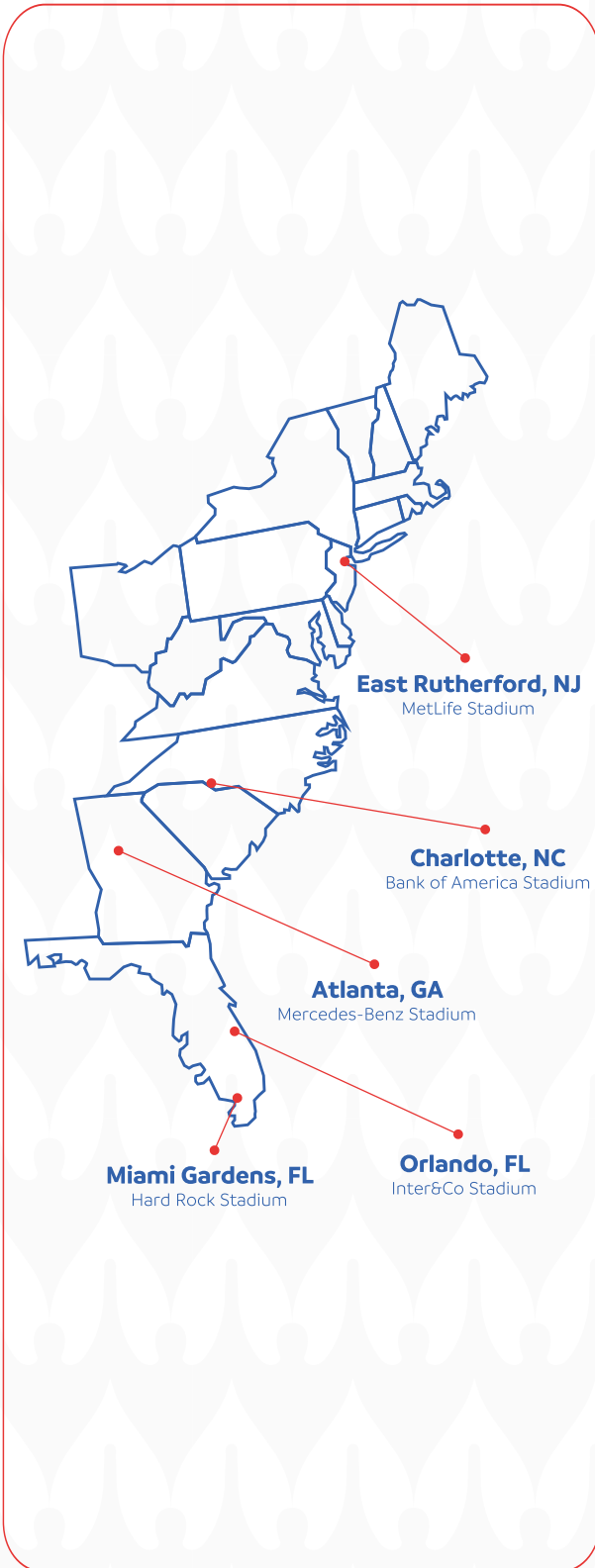
- Dignity Health
- Michael E. DeBakey VA Medical Center
- Lili's Hospital
- Houston Methodist hospital

AT&T Stadium, Arlington.

- Texas Health Arlington Memorial Hospital
- JPS Health Network



EAST COAST



East Coast Hospitals

Metlife Stadium, East Rutherford

- Hudson Regional Hospital
- St. Mary's General Hospital
- HMH Hackensack University Medical Center

Bank of America Stadium, Charlotte

- Novant Health Presbyterian Medical Center
- Atrium Health Mercy
- Atrium Health Carolinas Medical Center

Mercedes-Benz Stadium, Atlanta

- Emory University Hospital Midtown
- Grady Memorial Hospital
- Piedmont Atlanta Hospital

Inter&Co Stadium, Orlando

- AdventHealth Orlando
- Orlando Health Medical Center
- Level One Trauma Center – Adults

Hard Rock Stadium, Miami

- Jackson North Medical Center
- Palmetto General Hospital
- Memorial Hospital West
- Select Specialty Hospital – Miami
- UHealth Tower
- Jackson Memorial Hospital
- Baptist Health Doctors.
- HCA Kendall Regional
- North Shore Medical



IV. e. Injury Epidemiology

In the first phase, 24 matches were played, the 16 participating teams were divided in 4 groups, with the top two teams from each group advancing to the next phase.

Subsequently, the competition proceeded with the round of 16, quarterfinals, semifinals, the match for third place, and the final, which was the only match that required an additional time of thirty minutes, with a total playing time of 2,910 minutes.

In the entire competition we recorded 20 injuries during matches and 6 injuries during training, totaling 26 injuries.

An injury occurred every 139 minutes or 7.2 injuries per 1,000 minutes of play.

By location, 42% of the injuries were in the thigh, 19% in the leg, followed by the ankle (12%) and the knee (8%).

Regarding diagnosis, 54% of the injuries were muscular, not considering two contusions that affected different muscles. There were three sprains, two of the ankle and one of the knee, two of which led to the player's withdrawal from the competition.

In addition, one concussion with loss of consciousness was recorded.

In a training session, one tibia fracture occurred, and the player was immediately transferred to the hospital for surgery on the next day with an intramedullary nail.

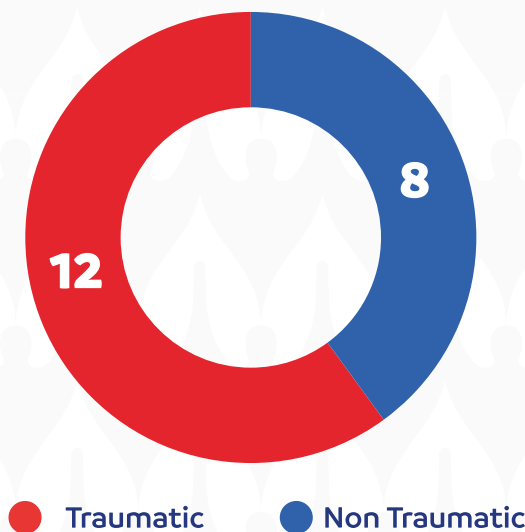


Among the contusions, we highlight a grade I sprain of the acromioclavicular joint and a direct trauma to the thigh, the latter was diagnosed via MRI, showing a grade I tear of the vastus lateralis muscle 48 hours later.

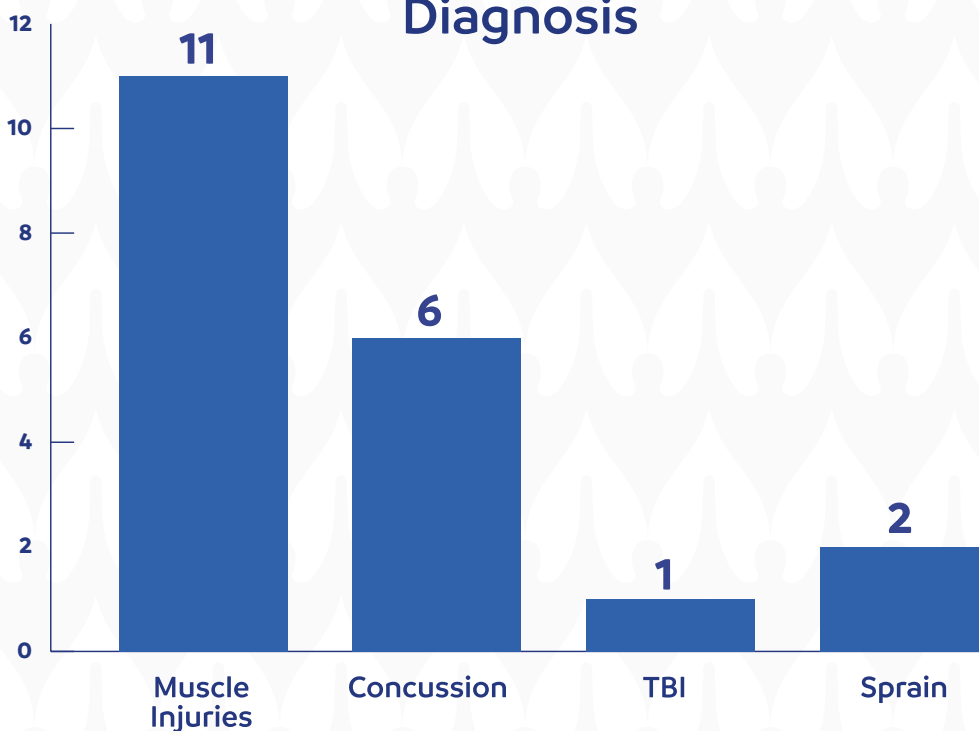
We analyze the minutes and types of training. As we mentioned, during training there was a tibia fracture that was operated on with a locked intramedullary nail. Another case was treated by heat stroke.

IV. f. Match Injury Monitoring Graphical Representation

Types of Injuries

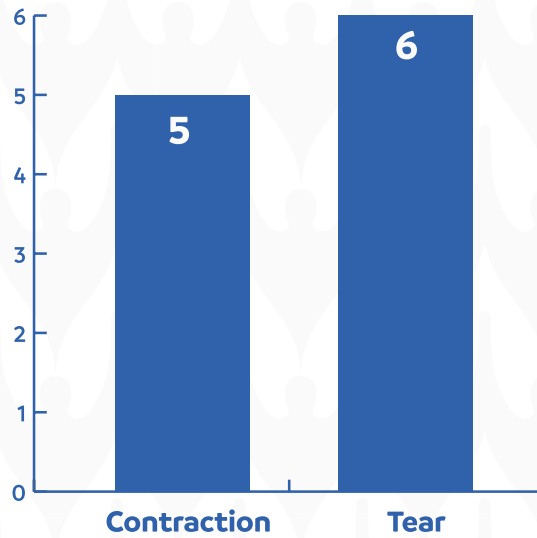


Diagnosis

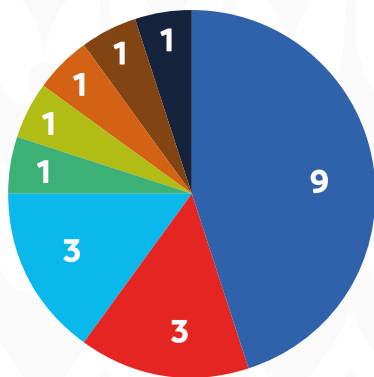




Muscle Injuries

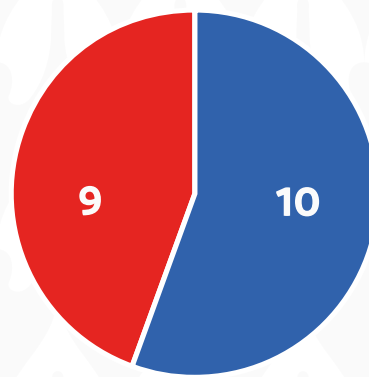


Location



- Muscle
- Leg
- Ankle
- Knee
- Hips
- Shoulder
- Lumbar
- Head

Side



- Left
- Right

First half

| Minute | Number of Injuries |
|---------|--------------------|
| 1 - 15 | 0 |
| 16 - 30 | 4 |
| 31 - 45 | 3 |

Second half

| Minute | Number of Injuries |
|---------|--------------------|
| 46 - 60 | 1 |
| 61 - 75 | 6 |
| 76 - 90 | 6 |



IV. g. Medical care for the refereeing team

The referees were concentrated in Dallas, Texas, from whence they left for the different matches. A total of 101 referees gathered at the referee center, 8 of which were women. The average age of the referees was 39 years (maximum age: 49 – minimum age: 28). The referee team was divided according to

the functions to be performed, there were 23 referees, 46 assistant referees, 6 VAR referees and 21 VAR, 3 AVARs and 2 assistant referees/AVARs.

Distributed according to the following nationalities:

| COUNTRY | NUMBER |
|---------------|--------|
| Argentina | 9 |
| Bolivia | 4 |
| Brazil | 11 |
| Chile | 9 |
| Colombia | 10 |
| Ecuador | 5 |
| United States | 7 |
| El Salvador | 2 |
| Guatemala | 3 |
| Italy | 5 |
| Mexico | 5 |
| Nicaragua | 2 |
| Paraguay | 6 |
| Perú | 6 |
| Uruguay | 9 |
| Venezuela | 8 |

The referees carried out their training daily. They were under the supervision of the CONMEBOL Medical Commission, represented by Dr. Rodrigo Centurión.

During the duration of CONMEBOL Copa America USA 2024, the following injuries were recorded:

The most striking was the collapse of an assistant during match #10 due to a heat stroke. The field medical team acted according to protocol. The 36-year-old assistant referee was removed from the playing field and taken to a designated hospital where he

was treated, and diagnosed with moderate dehydration/syncope. Three hours later he returned to his hotel in good condition.

In addition, the following injuries have been recorded:

- Meniscal tear medial posterior horn right knee, 42-year-old referee
- Muscle injury: strain of the myofascial junction of the semitendinosus and semimembranosus muscles of the right leg, in a 36-year-old referee.
- Acute low back pain, treated and resolved.



IV. h. UEFA-CONMEBOL collaboration in Injury Prevention

The CONMEBOL Copa America USA 2024, held in the United States, took place at the same time as Euro 2024, which was held in Germany.

The two competitions occurred almost in parallel, as the European final was held on the same day as the South American final. Facilitating the participation of players on one continent and the other, and it also provided an opportunity to carry out a joint study between CONMEBOL and UEFA.

Injury records were standardized across the two confederations, and UEFA's existing record-keeping was enhanced by incorporating training session data to account for players' physical activity and the days they might be absent from training, allowing for a better assessment of the extent of injuries. This new information is also of interest to CONMEBOL records and has been led by Dr. Francisco Forriol, the

scientific leader of CONMEBOL, and Dr. Evert Vergahe from UEFA.



On the other hand, the monitoring of injured players, if any, will allow tracking from their clubs through the UEFA Medical Commission.

In the 9th seminar of the Medical Commission and Antidoping Unit held in Luque, in NOVEMBER 2023, the CONMEBOL and UEFA protocols were analyzed and reviewed to confront them and ensure that there were no discrepancies.

IV. Antidoping Unit Report

Antidoping Unit

The Antidoping Unit has developed an Antidoping Testing and Education Plan for the CONMEBOL Copa America – USA 24, which has been executed to 100% of what was planned.

In relation to the Testing Plan, urine samples were collected at all the 32 matches of the

competition. In addition, Out of Competition tests have been carried out on all the teams participating in the competition. The minimum complementary analyses established by the International Standard for Testings and Investigation were applied. All collected samples were processed by the WADA accredited laboratory, located UCLA Olympic Analytical Laboratory - USA.

Antidoping Testing Plan



ANTIDOPING REGULATIONS 2021. IMPLEMENTED PROTOCOLS.



LOCKOON
TRUST ON

Following is the entire list of WADA (W) chapter 6.3.4 topics and sub-topics of Lockoon how it is compliant with:

6.3.4. The Sample Collection Authority shall only use Sample Collection Equipment systems for urine and blood samples which, at a minimum:

ANTIDOPING MATERIALS.
COLLECTION OF URINE SAMPLES.

TYPES OF ANTIDOPING TESTS.

Urine samples

33%
in-competition

128



Samples Collected

264

67%
out-of-competition



Samples Collected

392 SAMPLES COLLECTED



100% URINE (392)
5% PARTIAL (20)

The collection procedure is the same IC and OC (IC: In-competition, OC: Out-of-Competition)

56 VOLUNTEER CHAPERONES



Orlando, FL



Glendale, AZ



East Rutherford, NJ



Houston, TX



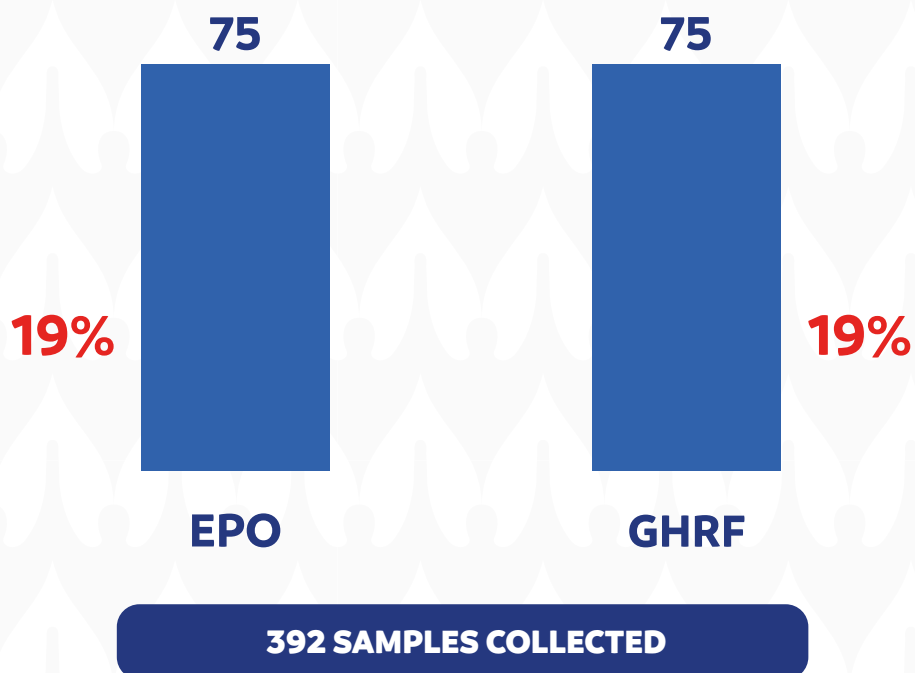
Inglewood, CA



Santa Clara, CA



COMPLEMENTARY ANALYSIS.



SAMPLE STORAGE



- **128** samples stored
- In a WADA accredited LABORATORY.



**UCLA Olympic
Analytical Laboratory**
USA

Sample storage for 10 years.

Urine samples have been stored for a period of 10 years (which corresponds to 32% of all samples collected in the competition).

The 2021 World Antidoping Code (WADA) states that antidoping organizations must, as a part of their distribution of the Testing Plan, store a number of samples

in order to perform reanalysis with new technologies or procedures in the future. The implementation of new detection methods, and the emergence of increasingly accurate instrumentation and machinery, will enable the detection of doping methods that could currently go unnoticed by existing control systems, which is why they are stored.

REQUEST FOR WHEREABOUTS.



16



Requests for Whereabouts to the participating finals teams were processed for out-of-competition testing.

It should be updated as changes occur.



What must be declared:

- Name and surname of the doctor in charge of the team (cell phone number and email).
- Dates, travel times planned for the FIRST LEG match Semi-final Phase
- Details (name of place, address, city, country, phone number, additional information).
- Nighttime Residence/Hotel - 11:00 p.m. to 5:00 a.m. (place where the team will stay).
- Regular activities, training, meetings, etc. (6:00 a.m. to 10:00 p.m.).
- Scheduled home matches.



Sub-Commission for the Therapeutic Use Exemptions (ISTUE)



Dr. José Veloso
URUGUAY



Dr. Jorge Sarango
PERU



Dr. Alejandro Soler
COLOMBIA



Dr. Hugo Martínez
PARAGUAY

THERAPEUTIC USE EXEMPTION (TUE)

Management summary of the TUE Sub-Commission

RETROACTIVE Therapeutic Use Exemption

2 REQUESTS were processed



AUTORIZACIONES DE USO TERAPÉUTICO (AUT)

1. Todo jugador que consulte a un médico que le prescriba un tratamiento o medicación para motivos terapéuticos deberá preguntar si la prescripción contiene sustancias o métodos prohibidos. Si este es el caso, el jugador deberá solicitar un tratamiento alternativo.

2. Si no existe tratamiento alternativo, el jugador que posea un historial médico documentado y requiera el uso de una sustancia prohibida o de un método prohibido deberá primero solicitar una AUT. No obstante, las AUT se conceden solo en casos en los que exista de manera clara y convincente la necesidad clínica y no se obtenga ninguna ventaja para el jugador.

3. La solicitud y la aprobación de las AUT se realiza conforme a un estricto procedimiento, tal y como se establece en los estándares internacionales de autorización de uso terapéutico de la AMA y en la política AUT de la CONMEBOL vigente.

ANTIDOPING TESTING SOFTWARE

ADAMS (WADA) and MODOC (PWC)



| USAGE IN ADAMS AND ANTIDOPING CONTROL SOFTWARES | Amounts |
|--|----------------|
| Mission development | 56 |
| Upload of Antidoping control forms | 392 |
| Upload of AUT requests | 2 |

Percentage of players tested by National Team.

| DISTRIBUTION OF ANTIDOPING TESTS BY NATIONAL TEAM | | | % OF TOTAL OF TESTINGS |
|--|--------------------------|-----------------------------------|-------------------------------|
| NATIONAL TEAMS | Amount of players | % of tested players (once) | |
| Argentina | 23 | 95,65 | 15% |
| Bolivia | 23 | 30,43 | 3% |
| Brazil | 23 | 100,00 | 15% |
| Chile | 23 | 91,30 | 13% |
| Colombia | 23 | 95,65 | 15% |
| Ecuador | 23 | 30,43 | 3% |
| Paraguay | 23 | 95,65 | 15% |
| Peru | 23 | 26,09 | 3% |
| Uruguay | 23 | 30,43 | 3% |
| Venezuela | 23 | 100,00 | 14% |

Results management



Publications



Out-of-competition test in the Quarterfinals

- **Spanish**

<https://copaamerica.com/es/novedades/controles-fuera-competencia-cuartos-de-final>

- **Portuguese**

<https://copaamerica.com/pt/noticias/controles-fora-competicao-quartas-de-final>

- **English**

<https://copaamerica.com/en/news/outside-of-competition-checks-quarterfinals>

- **Web note:**

- <https://www.conmebol.com/noticias/controles-fuera-de-competencia-cuartos-de-final-conmebol-copa-america-2024/>

- **Facebook:**

<https://www.facebook.com/CONMEBOL/s/0FVeZKcVpn13ALGigEW9NVNnSxQZMUfbDvw3PpFhsi7RgRhBHZaF3ZyK68dohDmMtl->

- **LinkedIn:**

https://www.linkedin.com/posts/conmebol_cmyua-creengrande-activity-7214779166649380864-M87A?utm_source=share&utm_medium=member_desktop

Conclusion

1. International standards and regulations were met.
2. 100% of the Antidoping testing plan was carried out.
3. A network of antidoping medical officers was strengthened.



PUMA FOOTBALL
PUMA SE | Puma Way 1, 91074 Herzogenaurach, Germany

- CONMEBOL -
COPA AMERICA
USA 2024



3er Puesto
13 jul 2024
Charlotte, NC





- CONMEBOL -

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