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## Imane khelif testosterone test levels

Two female boxers who were disqualified from the 2023 world championship after being judged to have failed gender eligibility tests were cleared to fight at the Olympic Games in Paris, and it sparked online outrage from conservatives and anti-LGBTQ+ commentatorsInternational Boxing Association Russian president, Umar Kremlev, claimed that DNA test results showed the two athletes have XY chromosomes, but the results were never published OC said it stands by the athletes and their eligibility to compete Political outrage surrounding two women competing in boxing at the Paris Olympics stems from "a lot of misinformation." an International Olympics Committee spokesperson said Friday. It all began when the IOC said Algerian boxer Imane Khelif and Lin Yu-ting of Taiwan were allowed to compete at the 2024 Olympics after the International Boxing Association (IBA) disgualified them for unspecified gender eligibility tests from the 2023 world championships --- despite them having already competed. Both boxers have long been competing as women and neither athlete identifies as transgender. Here are some questions viewers have after conservatives like former U.S. President Donald Trump, Italian Premier Giorgia Meloni and other right-wing commentators sparked an online outcry that men shouldn't be allowed to compete with women: IBA Russian president, Umar Kremley, claimed that DNA test results showed the two athletes have XY chromosomes, citing it as the reason they were disclosed her biological markers, calling the decision a "big conspiracy." The disqualification came after Khelif defeated Russian boxer Azalia Amineva in the 2023 tournament. IBA said it stripped Lin of a bronze medal because it claimed she failed to meet unspecified eligibility requirements in a biochemical test. The IOC has long criticized the IBA and its governance of the sport and eventually banned the Russian-run organization in 2019. In a statement Friday, the IOC said it stands by the athletes and their eligibility to compete, noting that the boxing association's own documents say the IBA's secretary general. Those documents also say the IBA went on to resolve at a meeting that it should "establish a clear procedure on gender testing" after it had already disqualified the two fighters. DSD stands for differences in sexual development. It can involve genes, hormones and reproductive organs, but it has nothing to do with gender identity. It's false to conflate transgender people with people who were born with DSD, said GLAAD, the world's largest lesbian gay, bisexual, transgender and queer media advocacy organization. Some people with DSDs are raised as female but may have sex chromosome and one Y chromosome in each cell (typically found in boys and men), but they have female reproductive structures. Again, it's not known whether either of the boxers has these genetic variations. They have both been competing as women from the start. The IBA still holds world championships but it did not run qualifying events for the 2024 Paris Games. Qualification for Paris 2024 took place across three phases: continental qualification tournament, world qualification tournament 1 and world qualification tournament 2, according to NBC Olympics. Due to the banishment of the IBA, the IOC used rules from 2016 in determining boxers' gender eligibility. It leaves regulations up to each sport's international governing body because "they know their sport and their discipline the best," IOC spokesman Mark Adams told reporters. "I hope we all agree that we're not calling for people and we're talking about real people's lives here." The history of sex testing at the Olympics is decades-long and practices such as invasive physical examination have been exposed as abusive. The IOC in recent years updated their gender rules over the past three years, including World Adulatics, World Athletics and the International Cycling Union. The governing body for track and field also last year tightened rules on athletes with differences in sex development. Simply put, yes, in the same way that many men can have low levels of testosterone. However, women with higher levels of testosterone have faced more criticism and questions about their gender. Many of the rules set by governing bodies for participation in women's competitions include testing of the athlete's testosterone levels, but it's not a perfect test, Adams said as he addressed the boxing controversy. While scientists and the IOC agree that testosterone is "an important factor shaping performance in elite athletes in certain sports, events and disciplines," it doesn't necessarily predict the performance of an individual athlete. "Many women can have testosterone and that sorts everything out? Not the case I'm afraid," Adams said. The IOC spokesman told reporters that there has been "a lot of misinformation around on social media particularly, which is damaging." 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Khelif was disqualified from the 2023 world championships after failing an unspecified gender eligibility test, and her presence at the Paris Olympics has become a divisive issue. NEW DELHI: Algerian boxer Imane Khelif's shock 46-second win over her Italian opponent at the Paris Olympics on Thursday sparked a row, as she was previously disqualified due to reportedly high testosterone levels. Far-right Italian Prime Minister Giorgia Meloni was among the critics, questioning Khelif's participation in the Games. The controversy has highlighted broader discussions about the role of testosterone in sports. Testosterone is a sex hormone produced by both men and women. However men produce up to 20 times more testosterone -- primarily in the testicles. Women make far less, in the ovaries and adrenal glands. A normal level of testosterone for men is estimated to be 10 to 35 nanomoles per litre in blood, according to the US Mount Sinai hospital. For women, it is between 0.5 to 2.4 nmol per litre. Testosterone levels can also vary widely by age and time of year. When people naturally produce an excess of sex hormones such as testosterone, it is called hyperandrogenism. The condition affects an estimated five percent of women, with around 70 percent of cases caused by polycystic ovary syndrome, research has found. Symptoms include acne, body hair growth and scalp hair loss. Testosterone can promote bone and muscle mass -- deliberately boosting levels is a common form of doping and is banned. Research has suggested that people with an excess of testosterone are over-represented in elite sport. But just how much the hormone boosts performance remains a matter of debate. The International Olympic Committee's head of human rights Magali Martowicz said in 2021 that there no was no "scientific consensus" on how testosterone affects athletic performance. At the 2021 Tokyo Games, New Zealand weightlifter Laurel Hubbard became the first openly transgender woman to take part in an Olympic event. To qualify, she had to keep her testosterone levels below 10 nmol per litre for at least 12 months. In spite of meeting the requirements, Hubbard's participation was widely criticised. At the end of 2021, the IOC gave up on establishing uniform guidelines for this kind of participation criteria, leaving it to the separate international sport federations. Khelif was disqualified during the boxing world championships last year after "elevated levels of testosterone failed to meet the eligibility criteria," according to the IOC's website. Khelif and boxer Taiwan's Lin Yu-ting were both disqualified from the New Delhi event by the International Boxing Association (IBA) under Russian oligarch Umar Kremlev. However because of governance, financial and ethical issues at the IBA, it was effectively expelled from the Olympic movement last year. The IOC has taken responsibility for organising the boxing at the Paris Games. In a statement on Wednesday, the IBA said the two boxers "did not undergo a testosterone examination but were subject to a separate and recognised test, whereby the specifics remain confidential".IOC spokesman Mark Adams said everyone taking part in the women's event was "complying with competed many times before for many years, they haven't just arrived, they competed in Tokyo," he said. "Testosterone is not a perfect test. Many women can have testosterone which is in what would be called 'male levels' and still be women, still compete as women," he said. "This idea that suddenly you do one test for testosterone and that sorts everything out -- not the case, I'm afraid," he added. "I hope we're all agreed that we're not calling for people to go back to the bad old days of sex testing, which was a terrible thing to do." (With inputs from AFP)Stay updated with the latest from IPL Auction 2025, including the final squads of all 10 teams - MI, CSK, RCB, GT, RR, KKR, DC, PBKS, SRH, and LSG. Don't miss the latest updates on our Live Cricket Score page. TOI Sports DeskThe TOI Sports Desk excels in a myriad of roles that capture the essence of live sporting events and deliver compelling content to readers worldwide. From running live blogs for India and non-India cricket matches to global spectacles featuring Praggnanandhaa and the Badminton World Championships semifinal featuring HS Prannoy, our live coverage extends to all mega sporting events. We extensively cover events like the Olympics, Asian Games, Cricket World Cups, and more. The desk is also adept at writing comprehensive match reports and insightful post-match commentary, complemented by stats-based articles that provide an in-depth analysis of player performances and team dynamics. 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A preliminary Olympic boxing match between Algeria's Imane Khelif and Italy's Angela Carini quickly devolved into controversy after 46 seconds, when Carini bowed out following a hard hit.LIVE: Imane Khelif vs. Anna Luca Hamori fight updates from 2024 Olympics quarterfinals"I have never been hit so hard in my life," Carini told the media after abandoning the match. The outcome wasn't quite as simple as one boxer being overpowered by another. Many were quick to question Khelif's gender identity, pointing out that the Algerian boxer failed a gender eligibility test at the World Boxing Championships in 2023. Carini didn't say whether she believed Khelif should have been allowed to fight. "It's up to the IOC to judge," she said after the defeat. However, the image of the Italian boxer in tears after such a hard hit raised concern from officials across the world, with the incident quickly sparking political debate. Here's what you need to know about the gender eligibility test Khelif failed and why she was able to compete with women in Paris.MORE: What to know about Imane Khelif sackgroundImane Khelif sackgroun found to have had a high level of testosterone, the International Boxing Association (IBA), which administered the test, said Khelif failed a "separate and recognized test" in a statement on Wednesday. IBA president Umar Kremley said Khelif was "proven" to have XY chromosomes, which sparked outrage throughout the sports world and beyond. XY chromosomes indicate that an individual is male. However, certain conditions can allow a woman to present XY chromosomes. It remains unconfirmed which conditions Committee (IOC). The organization is banned from the Olympics, and some believe Kremlev is less than trustworthy due to the dispute with the IOC. There is no indication Khelif is transgender. That would raise entirely different ethics concerns about her Olympic eligibility, but she has never identified as anything other than a woman, and there is no indication that she identifies as intersex, either. The failed test knocked Khelif out of the 2023 World Boxing Championships, but she remained eligible for the Olympics? The IOC defended Khelif's current opponent is bigger than her sportWhy is Imane Khelif eligible for the Olympics? The IOC defended Khelif's eligiblity amid the controversy, releasing a statement Thursday that declared, "Every person has the right to practice sport without discrimination." The IOC reaffirmed that the committee does not recognize the IBA's ban on the Algerian boxer and Taiwan's Lin Yu-Ting. "The two athletes were the victims of a sudden and arbitrary decision by the IBA," the IOC said, arguing that Khelif and Yu-Ting "were suddenly disqualified without any review. The IBA also didn't reveal specifics about the exact test Khelif failed. The IOC banned the IBA from the Olympics in 2023, and the dispute between the two organizations is ongoing. Considering that the IBA is unsurprising that the IBA from the Olympics in 2023, and the dispute between the two organizations is ongoing. reach a consensus around a new International Federation," the IOC continued, threatening to remove boxing from the 2028 Olympics altogether if no changes are made. Khelif has otherwise competed internationally without issue over the past handful of years, including an appearance at the Tokyo Olympics three years ago and a silver medal at the 2022 World Boxing Championships before her failed test in 2023.