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The "Kawasaki -like" syndrome in children - a further development of COVID 19?

Shimon Shatzmiller* Galina Zats, Inbal Lapidot, Ludmila Buzhansky and Rami Krieger

Department of Biological Chemistry, Ariel University, Ariel 40700, Israel

*Corresponding author

Shimon Shatzmiller, Department of Biological Chemistry, Ariel University, Ariel 40700, Israel

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Introduction

At first, we thought COVID-19 was not affecting children, and now we are dealing with a troubling issue where we have about 100 cases of childhood inflammatory disease that appear to be the virus, "Cuomo said in a statement." New York is leading this investigation and we recommend all hospitals and providers Medicine prioritize diagnostic tests for each child who presents with symptoms of this disease [1].

The speed from the devil says the popular Arab proverb: The wheel from Satan and the whining from, and ... even though it is said in our prayer in a hurry and in battle time....

Well, according to television, it is said that children are immune to the corona disease. This is what they believed until the Kawasakilike syndrome KAWASAKI SYNDROM kills New York children and is thought to be related to Corona disease.

In these words, the robber's leader stops his people when he sees the sheriff approaching. HOLD YOUR HORSES; YOU AIN'T SEEN NOTHING YET...

Severe inflammatory disease has affected children worldwide, and doctors suspect it may be somehow linked to COVID-19.

Several reports indicated that some children with this strange inflammatory syndrome show similar symptoms to children with Kawasaki disease, which is a childhood disease that causes vascular inflammation and can cause lasting heart damage, according to the National Organization for Rare Disorders (NORD).

Doctors call the condition a "multi-systemic inflammatory disease" that shares certain symptoms with Kawasaki disease, including high fever, skin rashes, and in some cases heart inflammation, Live Science previously reported. Some of the symptoms also appear in toxic shock syndrome, a life-threatening condition caused by toxins produced by certain types of bacteria [2].

FRANCE [3] — An especially high number of children have been admitted to intensive care in France since April 15 with inflammatory

syndrome very similar to "Kawasaki disease." Since April 15, France - like Italy, the United Kingdom, Spain, and Belgium - has seen the arrival of intensive care of a surprisingly high number of children with symptoms similar to "Kawasaki disease [4].

More than 3.6 million people worldwide diagnosed with COVID-19, the disease caused by the new respiratory virus, according to data from the Johns Hopkins University Center for Systems Science and Engineering. The plague estimated that the real numbers are much higher because of a lack of tests; there are many unreported cases, and suspicions that some governments are concealing the extent of their states' outbreaks [5]

A rare multi-systemic inflammatory syndrome reported to be associated with the Coronavirus in 73 reported sick infants in and around New York City, as of Friday May 8, and children in clinics in Boston, Los Angeles and other cities in the United States are sick. And Europe.

At a news conference Friday afternoon, New York Governor Andrew Cuomo confirmed that the death of a 5-year-old in a Manhattan hospital on Thursday was likely investigated for Cubid 19 and the condition, titled "children," a multi-systemic inflammatory syndrome (mainly in infants)."

NYC maypr Cuomo said if the condition is related to a previous or acute infection in SARS-CoV-2, it shows that the virus can be life threatening in children, even if serious complications are very rare in young patients.

"So this is any parent's nightmare that your child may be affected by this virus, but it's something in need to take seriously now," he said. The syndrome, which is very similar to coronary artery disease in Kawasaki disease, is characterized by inflammation, fever and rash. It can become life threatening when dramatic blood pressure drops and toxic shock occur.

Palo Alto, a pediatrician in California, Wona Jones, a clinic, and her colleagues have described a case of classic Kawasaki disease in a 6-month-old baby with macrophage 19 confirmed at the same time, in a paper of this week in Hospital Pediatrics [6].

New York City officials said there were at least 15 cases suspected of young people aged 2-15 hospitalized with the inflammatory disease in New York. The disease is similar to Kawasaki Syndrome, a rare blood vessel disorder. Of 15, four tested positive for COVID-19. Of the negatives, six had anti-virus antibodies, suggesting they were infected earlier. O

n Wednesday, New York state officials said the total number of suspected cases across the state is 64, including 15 in New York.

NEW YORK - We need public awareness to grow quickly," Mayor Bill De Blasio said Wednesday on alarming increases in the number of cases of inflammatory disease in children that may be related to COVID-19. 82 children have multi-systemic inflammatory syndrome in New York City, compared to 62 cases reported the day before. 53 of the children tested positive for corona virus or antibody. More than a hundred children across the state were diagnosed with PMSIS and three died. One child died in New York City. Initially, we thought COVID-19 had no effect on children, and now we are dealing with a troubling issue where we have about 100 cases of childhood inflammatory disease that appear to be the virus, "Mayor Cuomo in a statement.": NYC is leading the investigation of this situation and we recommend that Patients and medical providers prioritize diagnostic tests for each child who presents with symptoms of this disease [7].

FRANCE — An alarming high number of children have been admitted to intensive care in France since April 15 with an inflammatory syndrome very similar to Kawasaki disease [8].



Symptoms of Kawasaki disease (credit ref [9]).

Kawasaki disease is an acute febrile vasculitis early childhood syndrome [10]. This is rarely seen in adults. Among the adult patients with Kawasaki disease described, a disproportionate number is infected with the human immunodeficiency virus (HIV). This suggests that the compromising immune status may be prone to people with this inflammatory disease. It was reported our experience with 2 HIV-positive patients presenting Kawasaki-like syndromes and review the published literature on HIV-positive patients with similar syndromes.

A mysterious Kawasaki-like disease strikes children during the epidemic. May 8, 2020. In recent weeks, human sick children have been admitted to intensive care units with shock-like symptoms, adding another mysterious tier to the corneal virus epidemic. Health officials in New York began issuing alerts on May 4, reporting on systems and features of Kawasaki Disease, a childhood disease of uncertain origin. They upped the count to 64-suspected cases on May 6 [11].

Image



What triggers Kawasaki syndrome is still a mystery to this day. Some six weeks ago, in the relatively early days of the US COVID-19 outbreak, Dr. Vina Guel Jones, a pediatrician at the Palo Alto Medical Foundation in California, cared for a six-month-old baby because of what she calls the "classic Kawasaki." Disease. "The baby had fever, rash and swelling typical of the inflammatory condition in children.

Jones, who is also a complementary clinical professor at Stanford School of Medicine, and whose staff examined the child for COVID-19 treatment, primarily from the hospital protocol - "Not necessarily because we felt very much like she owed the virus, Jones says.

However, the girl performed a positive test for COVID-19, although she never developed a cough and suffered only slight congestion. After the possible integration between COVID-19 and Kawasaki, Jones and her colleagues released a case report last month on childcare.

Their clinical experience seems even more noteworthy. Similar reports have sprung up since the UK, Italy, Spain, France and several U.S. states, including New York, Washington and Michigan.

On May 4, the New York City Department of Health announced that 15 children aged two to 15 were treated with Kawasaki-like inflammatory symptoms in New York City hospitals from April 17 to May 1. Four tested positive for COVID-19, while six tested for antibodies to the blood, but there were blood antibodies suggesting that they had recovered from the coronavirus.

What is the relationship between Kawasaki and COVID-19? It is still under investigation. As physicians learn more, they are increasingly convinced that the disease syndrome today is not actually Kawasaki disease, but a separate inflammatory condition that produces similar symptoms. A pediatric critical care physician told the New York Times on May 11 that COVID-19 inflammatory syndrome appears to affect the heart differently from Kawasaki disease, causing toxic shock more frequently.

Dr. Roshni Matthews, a childhood infectious disease specialist at Jones at Lucille Packard Children's Hospital in Stanford, says, "The general thought is that post-infection causes the immune system (perhaps "cytokines storm") to become over-responsive [12, 13]." Infections of any kind that can cause inflammation in the body, 2, the virus that causes COVID-19, can cause inflammatory reactions in a small number of children. Some adult COVID-19 patients also experience inflammatory reactions, Matthew says that many of the most serious lung complications reported in COVID-19 patients are

associated with body inflammation [14].

26-year-old from Kfar Saba died from a complication of the Corona virus

Osulin's wife died of corona virus complications at Sheba hospital after being hospitalized for about two months" 26-year-old Oshri Asulin of Kfar Saba died last Sunday from a complication of the Coronavirus at Sheba Hospital [15]. The virus caused him multisystemic inflammation that affects the heart muscle. Asulin, who has been living in Bnei Brak for the past few years, was hospitalized for about two months, and Sheba Medical Center said he had died as a result of the illness. His funeral took place tonight at Pardes Haim Cemetery.

Assulin arrived at Tel Hashomer Hospital with strong abdominal pain and fever. He had a corona test and he was positive and then his health deteriorated quickly and he developed health and kidney symptoms and severe heart damage. Formerly Assoulin was an outstanding soldier and recently underwent a process of repentance, belonged to the stream of Rabbi Nachman of Breslov and even taught Torah lessons.

Mayor of Kfar Saba, Rafi Sa'ar, eulogized him: "We were saddened and saddened by the passing of our city's Assouli Osiri, whose life was saved and he was only 26 years old. And after a severe battle with illness. I send a warm hug and a warm hug to all the residents and residents of the city to all the dear family members. Comfort from heaven.

Earlier, it was reported that 83 Israelis had been infected during the last day with the Corona virus. 3,380 Israelis are currently infected with the virus out of about 19,000 who have been infected since the outbreak of the plague in Israel. The number of breaths was confirmed stable - only 24 Corona patients are using the respirators now.

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