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VITAL TO PROTECT CHILDREN FROM **COVID IN LIGHT OF MIS-C**

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ediatricians urge parents and caregiv-ers to take safety precautions to protect their children from contracting Covid-19 since it is the best way to avoid post-Covid-19 complications in children.

Multisystem Inflammator Syndrome in Children (MIS-C) is a condition where different body parts can become inflamed, including the heart, lungs, kidneys, brain, skin,

eyes, or gastrointestinal organs. Paediatricians claim that the MIS-C was previously reported in the UK and several other countries and is now spreading among children in Sri Lanka.

As of June 19, six children who contracted MIS-C were being treated at the Lady Ridgeway Hospital for Children and some of them had recov-

ered. According to medical experts, Covid-19 causes com paratively milder problems in children than in elderly individ-uals. But some children may need extra medical attention because of Multisystem Inflammatory Syndrome (MIS-C)

"One can prevent it only by preventing Covid-19 infection in children. So it is necessary to make your children follow all precautions and preventive measures such as safe distance, hand hygiene, and the usage of masks. Parents should take special care that children avoid contact with a family member who is Covid-19 positive. Ideal-ly, safeguard children by protecting every member of your family by observing all neces sary precautions and following all instructions of the health authorities," the Health Promo tion Bureau said in a state-

According to the Health Promotion Bureau, it is impor-tant to identify the symptoms of the disease early. Paediatricians urge parents and caregiv ers to pay close attention to the following symptoms, as some children may not present with symptoms of a corona infection and may present only with symptoms of this condition: persistent fever lasting for ov 24 hours; stomach pain; diar-

know about Multisystem Inflammatory Syndrome in Children (MIS-C) May show up weeks fter COVID-19 infection

children'shealth? COVID-19: In Children Rednese of co Nose Mouth Throat Skin -In the News:

with fever, rash or abdominal

tiredness: faster breathing in the eves.

for different children. So they urge that if such symp toms occur, the child should be taken to a hospital as soon as possible and referred for treat-

Also, under the current circumstances, great care must be taken to protect children from the Covid-19 infection. If one person in the house becomes infected with the Covid-19 virus, there is a very high risk of the virus spreading in the house, so the residents should alternative accommodation

during this time.
Visitors should also be kept
to a minimum whenever possi-ble during this time. A child is more likely to become infect-ed with the Covid-19 virus whenever a non-resident engages in close contact. Children may be unhappy about not being allowed to socialize during the Covid-19 epidemic. Try to keep them as active and happy as possi-ble at home. Parents are advised to create a peaceful and child-friendly home environment to allow their chil-dren to relax and also to boost their intellectual development. Give them opportunities to connect with rela-tives and friends over the phone and online. Meanwhile, a new study in

Britain delivers some reassuring data for parents: most symptoms of MIS-C (also known as Peadiatric Inflam-matory Multisystem Syn-drome, or PIMS) appear to fade over time

fade over time.
"These findings can hopefully signal cautious optimism that many of the most severe effects of PIMS appear to resolve themselves within six months," said study co-author Dr. Justin Penner, of the Great Ormond Street Husni. Great Ormond Street Hospital for Children in London.

According to Penner's team, MIS-C is believed to be an immune overreaction that typically occurs about four to six weeks after mild or six weeks after finid of asymptomatic infections with SARS-CoV-2, the virus that causes Covid-19. Symptoms of MIS-C include

fever, rash, eve infection and gastrointestinal symptoms such as diarrhoea, stomachache and nausea. In rare cases, the condi-

inflammation gastrointestinal.

heart and significant neurologi-cal symptoms had resolved,

which suggests that long-term

according to the study published on May 24 in *The Lancet Child & Adolescent Health j*ournal. However, a small number of

damage to the organs is rare

children who had severe MIS-C

tional difficulties, and difficulty

exercising. These issues were so

serious that the children required

ongoing support, the researchers None of the children in the

study died, and all but one were

back in full-time education (virtu-ally or face-to-face) after six months, Penner and his colleagues

They stressed that their find

ings are preliminary and larger studies are needed. As MIS-C is "a very rare com-plication of Covid-19 in children,

our study included a small num-

ber of children from one hospital," Penner said in a journal news As well, "the persisting fatigue,

difficulty exercising and mental health effects we saw in some children, which can interfere with

dren, which can interfere with daily lives, must be closely moni-

still had problems after six months, such as muscle fatigue, mental health effects such as emo-

tion can become severe and even lead to multiorgan failure. "Although deaths from Covid-

19 are uncommon among children, they do occur, and of dren, they do occur, and of those who experience this inflammatory reaction, long-term disability is an important concern," said Dr. Michael Gros-so, Chief Medical Officer and Chair of Paediatrics at North well Health's Huntington Hospital, in Huntington, New York.
"Knowing this may increase

Knowing this may increase the urgency of protecting children with immunization," added Grosso, who wasn't involved in the new study.

The British research was

small – just 46 patients ages 18 and younger, with patients averaging 10 years of age. All were admitted to the

Great Ormond Street Hospital between April 4 and Sept 1,

All the children had systemic inflammation, and most had severe effects on different systems in the body during their initial illness. Overall, 45 experi-enced gastrointestinal symp-toms, 24 showed neurological symptoms, and 15 had heart symptoms.

However six months after their discharge from the hospi-tal, most of the children's tored, and patients should contin-ue to be supported by medical teams with a range of special-isms," he added.

because there was no control group, it's difficult to know to which extent some findings may be associated with being admitted to a paediatric intensive care unit. having a severe new condition during a pandemic, or to MIS-C

out that their findings do not rule out other longer-term effects appearing beyond six months after hospital discharge, and stressed the importance of ongo ing follow-up of patients who have had MIS-C.

For his part, Grosso called the findings a "good news and bad news" story. While the overall results are reassuring, lingering health problems in a minority of patients "has very serious implica-tions for their quality of life," he said, and "so far, the duration of such problems remains unknown.

Dr. Teresa Murray Amato is Chair of Emergency Medicine at Long Island Jewish Forest Hills Hospital in New York City. Reading over the new report, she agreed that the recovery of most of the patients was "encouraging," but it's better that children never get Covid-

"With this information, it is important that parents should speak to their paediatricians as vaccines roll out for children. Amato said. "As we know, most children do very well after Covid infections. However, this study highlights that even though the number of children with long-term effects are small, Covid can still be harm-ful." (Sources: HPB, Consumer

rhoea; vomitting; extreme rapid heartbeat; redness on tongue and lips; swollen hands or feet with redness; or redness

Besides these symptoms, one should also look for the follow-ing emergency signs that need prompt medical attention: the

child's nails, skin or, lips appearing pale or turning grey-ish or bluish; the child is con-tinuously sleeping and is find-ing it difficult to stay awake; or there is very severe stomach pain or the child finds breath-

ii In NYC: (May 14) confirmed 110 cases of MIS-C (NYT)

pan of the child mids breath-ing difficult.

Paediatricians stressed that the severity and variety of

The researchers noted that

The study authors also pointed

19 to begin with.

HealthDay)