

REAL TIME BAROMETER: STUDY 20

[SPECIAL EDITION] Pediatric COVID-19 Study

Sermo's latest COVID-19 Real Time Barometer survey suggests children ages 5-12 are at highest risk, with fatigue as the main long-COVID symptom.

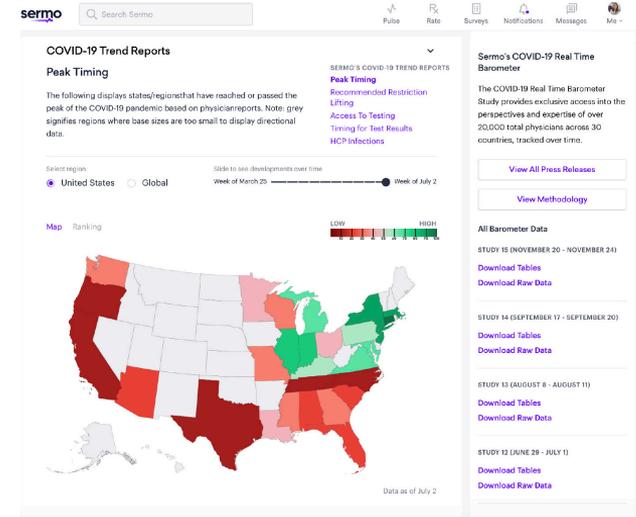
Published September 2021



Sharing frontline physician insights through our COVID-19 Real Time Barometer

The Real Time Barometer is an observational study of the impact of the COVID-19 outbreak as **reported by physicians with firsthand experience treating COVID-19 patients**. Each study, thousands of physicians provide insights on topics regarding the global health crisis.

To date, Sermo has conducted over **80,000 interviews with doctors in 31 countries**, including the United States, Canada, United Kingdom, France, Brazil, Russia, China, Japan, and Australia. Full results are available at sermo.com.



INSIGHTS FEATURED IN:

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NEW YORK POST

What you'll learn from this study

BACKGROUND

As more children fall sick with the Delta variant (something that was uncharacteristic with the initial novel coronavirus) there is increased concern that they will also have long-COVID symptoms. The Center for Disease Control announced on August 12th they are investigating long-COVID symptoms in children - while they are finding some symptoms, mostly fatigue and headaches, they appear to be happening at lower rates in children compared to adults. However, there is still a lack of longitudinal data to understand how, if at all, long-COVID symptoms affect children and differ from adults.

COVID-19 Among Children

- Have physicians seen a recent increase in COVID-19 cases? Delta variant?
- What age group have physicians seen the greatest increase in cases?
- Does a previous COVID-19 infection provide any immunity to the delta variant?
- In what percentage of pediatric cases have been vaccinated and still caught COVID-19?

Long-COVID in Pediatric Patients

- Have physicians seen cases of long-COVID or long-hauler symptoms in your pediatric patients?
- Common symptoms & duration of long-COVID in pediatric patients
- How does long-COVID in pediatric patients compare to adults?
- Levels of concern for the risk of long-COVID in pediatric patients

[SPECIAL EDITION] PEDIATRIC COVID-19 BAROMETER STUDY

Study Demographics

DEMOGRAPHICS

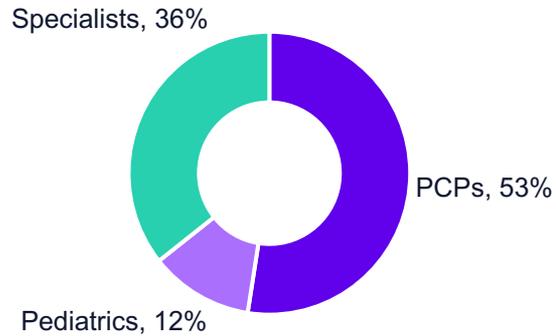


1528
physicians

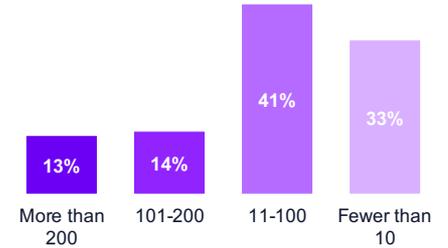


18
countries

SPECIALTY



VOLUME OF PEDIATRIC PATIENTS THROUGHOUT THE PANDEMIC



COVID-19 Among Children

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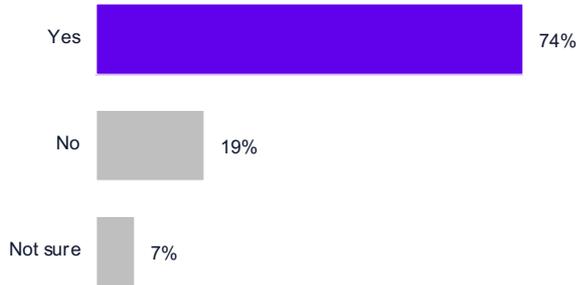


PEDIATRIC COVID-19 CASES

Almost 75% of physicians have seen an increase in COVID cases among children, most due to the Delta variant

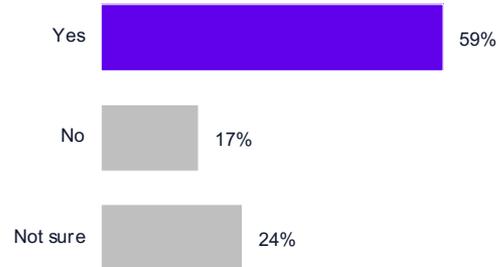
Almost 75% of doctors say they've seen a recent increase in children testing positive for COVID-19

Have you seen a recent increase in children testing positive for COVID-19?



59% of physicians report a recent increase in Delta Variant among children

Have you seen a recent increase in children catching the Delta variant?

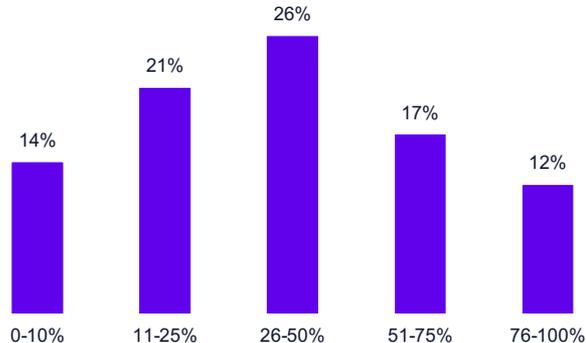


PEDIATRIC COVID-19 CASES

Physicians have seen the greatest increase in cases among Grade school children (age 5-12 years old)

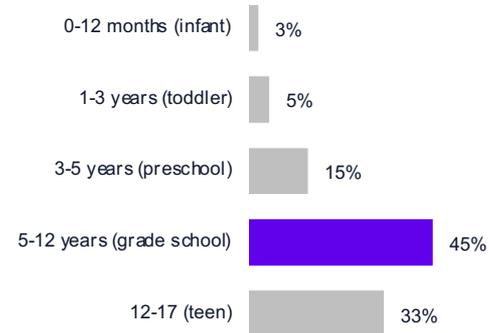
Of physicians who have seen an increase in recent pediatric COVID-19 cases, the Delta variant distribution remains evenly distributed among pediatric patients

What percentage of your pediatric patients with COVID-19 are attributed to the Delta variant?



Grade School and Teens are among the most affected by the recent increase in COVID-19 cases

What age group of your pediatric patients have experienced the greatest increase in cases?

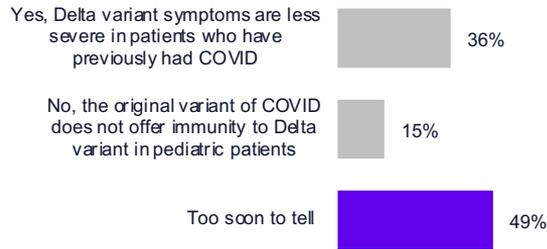


PEDIATRIC COVID-19 CASES

Breakthrough cases among pediatric patients are low, with 42% of physicians reporting that 10% or less of vaccinated children catching COVID

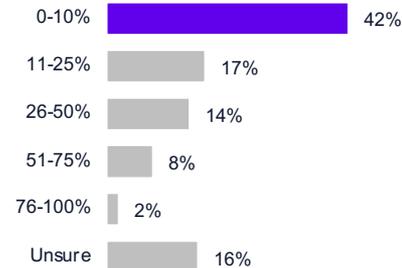
Almost 50% of physicians say its too soon to tell if previous COVID infection provides immunity to the Delta Variant

In your experience, if a pediatric patient has already had COVID, does it provide any immunity to the Delta variant?



42% of physicians said that 10% or less of their vaccinated pediatric patients have experienced breakthrough cases

What percentage of your pediatric patients ages 12 and older have received a vaccination against COVID-19 and still caught COVID-19?



Long-COVID in Pediatric Patients

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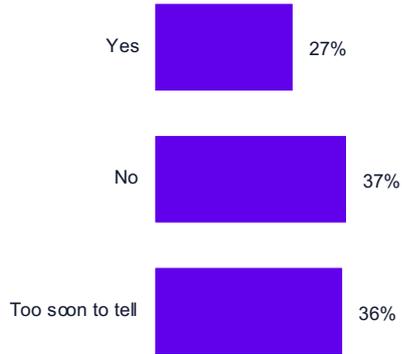


LONG-COVID IN PEDIATRIC PATIENTS

Most physicians reported that they have not seen long-COVID among children, but when present, Fatigue and headaches are the most common symptoms

27% of physicians have already seen cases of long-COVID in pediatric patients

Have you seen cases of long-COVID or long-hauler symptoms in your pediatric patients?



Of those who have seen long-COVID cases, Fatigue & headaches are the most common symptoms

What are the most common long-COVID symptoms you've seen in pediatric patients?

63%	Fatigue
47%	Headaches
44%	Respiratory difficulties
44%	Cold-like symptoms
40%	Loss of sense of smell / taste
39%	Muscle aches
33%	Difficulty concentrating
26%	Asymptomatic
16%	Insomnia
14%	Heart palpitations
3%	Other

LONG-COVID IN PEDIATRIC PATIENTS

When long-COVID symptoms are present in pediatric patients, 36% of physicians report symptoms lasting 1-4 weeks

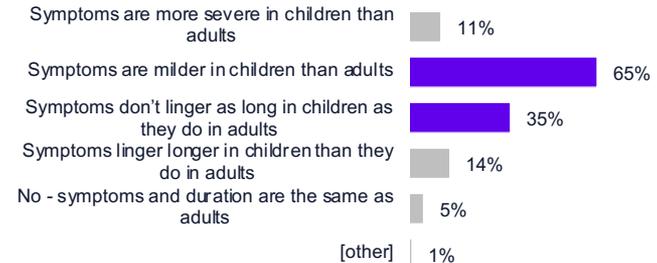
36% of Physicians report that pediatric long-COVID symptoms persist less than 4 weeks.

On average, how long have symptoms persisted after COVID-19 among your pediatric patients?



Pediatric long-COVID symptoms are reported by physicians as milder and not as long lasting compared to adults

Have you seen different symptoms of long-COVID in pediatric patients compared to adults?



LONG-COVID IN PEDIATRIC PATIENTS

36% of physicians surveyed are somewhat concerned about the long-term health problems children may face

How concerned are you about the long-term problems children may face due to long-COVID?



Very concerned: long-COVID symptoms could create life-long chronic health issues



Somewhat concerned: so far, I have seen fewer pediatric patients with long-COVID symptoms compared to adults, with shorter duration



Not very concerned: so far, I have seen few long-COVID cases with a shorter duration



Too soon to tell

Thank you

To learn more, please contact
us at pr@sermo.com

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