

Supplementary information

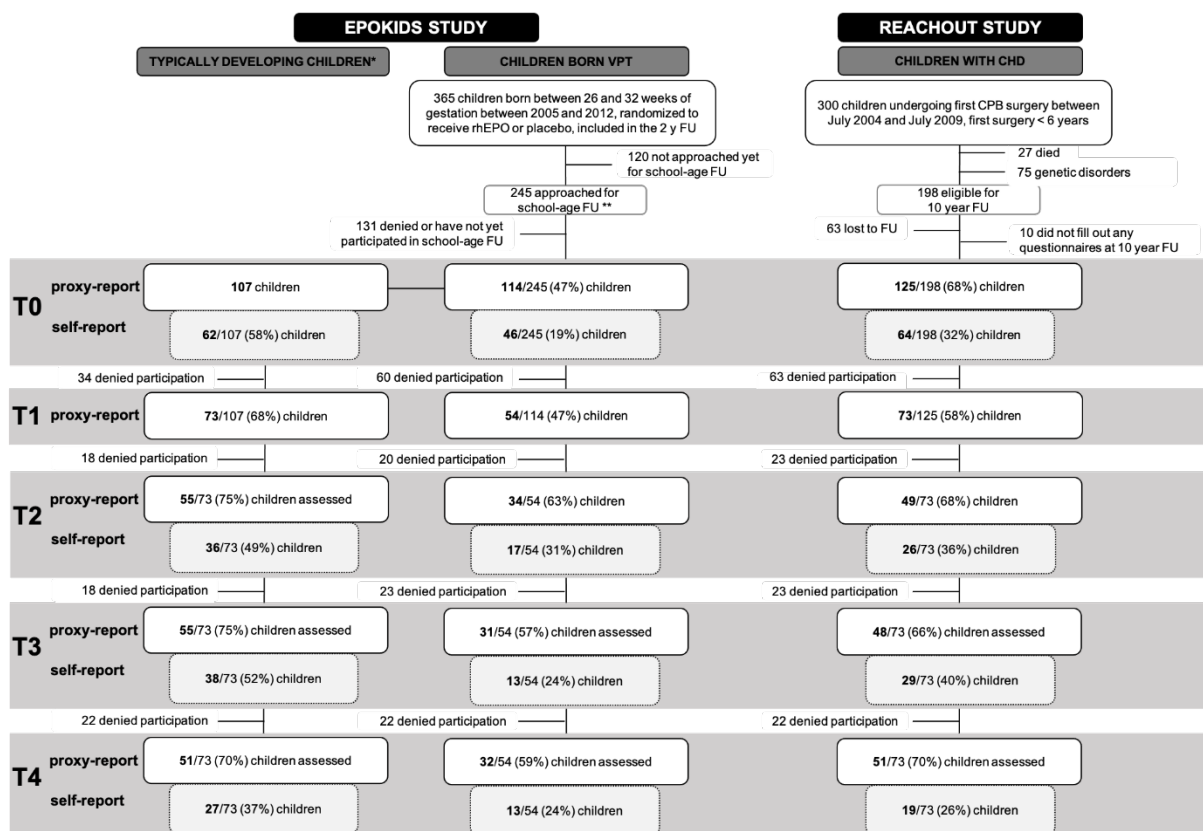
Title: Mental sequelae of the Covid-19 pandemic in children with and without complex medical histories and their parents: Well-being prior to the outbreak and throughout 2020 and 2021

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Supplementary Figure 1: Flow chart



Note: Flow chart refers to the child self- and proxy-reports. Numbers of participating parents is lower because some parents reported on more than one child (e.g., T1: 25 parents reported on more than one child, thus, self-reports of 175 parents of 200 children are available). T0 = before the COVID-19 pandemic, T1 = first wave of the COVID-19 pandemic (April-May 2020), T2 = second wave of the COVID-19 pandemic (October–November 2020), T3 = third wave of the COVID-19 pandemic (April–May 2021), T4 = fourth wave of the COVID-19 pandemic (October–November 2021). * Typically developing children were recruited as control group for the EpoKids study at school-age **Ongoing study. FU = follow up, CHD=congenital heart disease, CPB = cardiopulmonary bypass surgery. VPT: very preterm. Epokids study¹. Reachout study².

References

- 1) Wehrle FM, Held U, O’Gorman RT, et al. Long-term neuroprotective effect of erythropoietin on executive functions in very preterm children (EpoKids): protocol of a prospective follow-up study. *BMJ open*. 2018;8(4):e022157-e022157.
- 2) Werninger I, Ehrler M, Wehrle FM, et al. Social and behavioral difficulties in 10-year-old children with congenital heart disease: Prevalence and risk factors. *Frontiers in pediatrics*. 2020;8.

Supplementary Table 1: Overview of nationwide measures to reduce the spread of COVID-19 in Switzerland.

Wave	Nationwide restrictions
1st wave (April/May 2020)	School closure
	Prohibition of public events
	Prohibition of private events
	Closure of nonessential and retail services
	Reduction of public transport service
2 nd wave (October/November 2020)	School closure for adult education only
	Mandatory face masks in public space for people at the age of 12 years or older
	Prohibition of public events with >50 people
	Prohibition of private events with >10 people
	Prohibition of leisure activities with >15 people
	Restriction in restaurants to 4 people per table and earlier closing times
3 rd wave (April/May 2021)	Prohibition of adult education with > 50 people
	Mandatory face masks in public space for people at the age of 12 years or older
	Prohibition of public events with >50 people (inside) and >100 people (outside)
	Prohibition of private events with >15 people
	Prohibition of leisure activities with >15 people

Inner area of restaurants closed; outdoor area restricted to 4 people per table

4 th wave (October/November 2021)	Adult education with COVID certificate Mandatory face masks in public indoor space for people at the age of 12 years or older (no mandatory face masks when COVID certificate is required) COVID certificate for all public events inside (outside only with > 500 people) Private events restricted to <30 people inside (outside <50 people) No restrictions for leisure activities with <30 people. COVID certificate for leisure activities with >30 people. Inner area of restaurants, bars and clubs is open for people with COVID certificate
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Note. Some cantons may have ordered stricter measures. Source: Federal Office of Public Health (FOPH) Switzerland <https://www.bag.admin.ch/bag/en/home/krankheiten/ausbrueche-epidemien-pandemien/aktuelle-ausbrueche-epidemien/novel-cov/massnahmen-des-bundes.html> (accessed January 14th 2022). COVID certificate was issued if subject was fully vaccinated, recovered from COVID-19 within the past 6 months, was tested negative for COVID-19 within the past three days (PCR) or one day (rapid test).