

Category :[ICU organization](#)

## ***A73 - Impact of coronavirus 19 pandemic on children after their discharge from pediatric intensive care***

**LB Barcat ; GD Du Pont-Thibodeau ; CJ Jutras ; KH Harrington ; LD Ducharme-Crevier**  
*CHU Sainte Justine, Pediatric intensive care unit, Montreal, Canada*

### **Introduction:**

The novel coronavirus disease 2019 (COVID-19) pandemic has disrupted the life of many families, especially those of children with chronic health needs. Little is known about the health and well-being of critically ill children and their families after their discharge from the pediatric intensive care unit (PICU) during the COVID-19 pandemic. We are describing the repercussions of the COVID-19 lockdown on the physical and psychological wellbeing of PICU survivors and their families, their quality of life and their accessibility to medical resources and extrafamilial support.

### **Methods:**

We conducted a prospective cohort study of children and families followed at the Centre Hospitalier Universitaire Ste-Justine Pediatric Intensive Care Unit (PICU) Follow-Up clinic from October 2018 to February 2020. Patients and parents were contacted by phone by a pediatric intensivist to fill out validated questionnaires (Pediatric Quality of Life Inventory, Hospital Anxiety and Depression Scale) and to measure the impact of the COVID-19 pandemic on access to medical care and extrafamilial support.

### **Results:**

55 families were contacted between November and December 2020. Quality of life [GDPT(1) scores were  $88.1 \pm 16.9$  and  $83.8 \pm 13.9$  for physical and psychosocial aspects, respectively. Symptoms of anxiety and depression were detected in 23.6% and 3.6% of respondent parents, respectively. A significant proportion of families reported cancelled health appointment (65.5%) and medication access issues (12.7%). Twenty-five families (45.5%) reported a significant decrease in their familial financial incomes.

[GDPT(1)Of the child ?

### **Conclusion:**

PICU survivors and their families experience significant impact on medical care and familial organization during the COVID-19 pandemic.

### **References:**

Cacioppo M. and al. Emerging health challenges for children with physical disabilities and their parents during the COVID-19 pandemic: The ECHO French survey. *Ann Phys Rehabil Med.* 2020 Aug 18;101429  
Gloster AT and al. Impact of COVID-19 pandemic on mental health: An international study. *PLoS ONE [Internet].* 2020 Dec 31 [cited 2021 May 12];15(12)