

EFFECTS OF COVID19 ON CAREGIVER-CHILD RELATIONSHIP AND CHILDREN'S BEHAVIOR IN THE CONTEXT OF MAJOR ADVERSITIES: A CROSS-SECTIONAL SURVEY

Dana Hazimeh¹, Rawan Korman¹, Rayan Hojeij², Durriyah Sinno² and Lama Charafeddine²

Affiliations: ¹American University of Beirut, Medical School

²American University of Beirut Medical Center, Department of Pediatrics and Adolescent Medicine



01 Introduction

- The COVID-19 pandemic has affected mental health of parents and children worldwide.
- Lockdowns have left parents and children confined to their homes and disrupted their daily routines.
- In Lebanon, this came to top an increasing situational crisis.

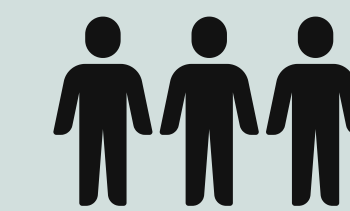
Study aim: Investigate effects of COVID-19 lockdown during Lebanese crisis on caregivers' practices and children's behavior.

02 Methodology

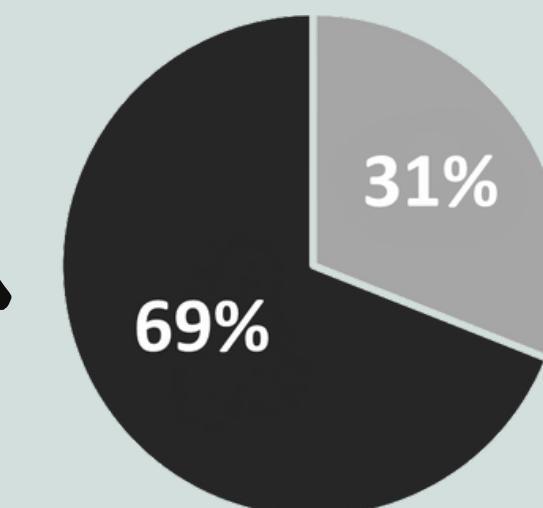
- Online anonymous survey
For: Caregivers of children aged ≤5 years living in Lebanon since October 2019
Shared via: &
- Questionnaire developed using :
 - Scale of positive experiences in parent-child relationship with 6 questions each with 5-point Likert scale. (adapted from M. Gambin, Warsaw University, Poland)
Higher mean score --> positive relationship
 - Strengths & difficulties questionnaire (SDQ): a parent filled 25-item behavioral screening questionnaire.
- Demographic data and potential confounding factors were collected.
- Descriptive analysis was done using SPSS v25.

03 Results

Epidemiology



84 respondents



■ Parents of children ages 0-2 yrs
■ Parents of children ages 3-5 yrs

Effect of Beirut Blast

Effect of Beirut Blast	Emotionally	Physically
On family	51.2%	4.8%
On child	40.5%	3.6%

Child's behavior



- 35.9 % of children scored high on SDQ emotional problems scale

Parent-child relationship

Scale of positive experiences in parent-child relationship

	Mean	N	SD
Total	25.02	84	4.211

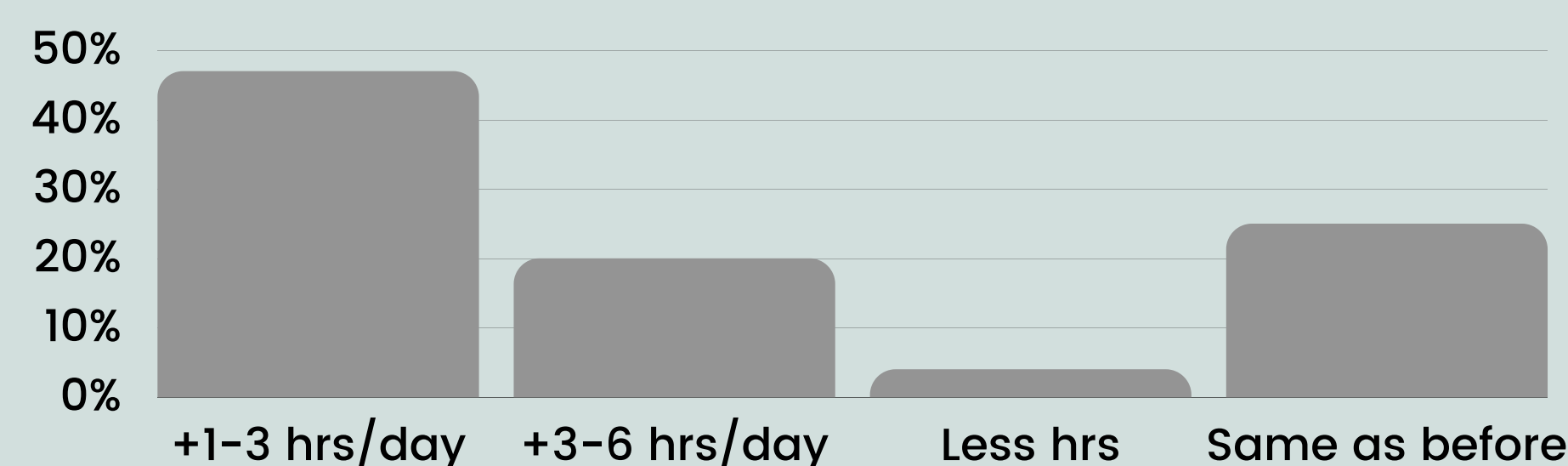
Minimum score= 0
Maximum score= 30



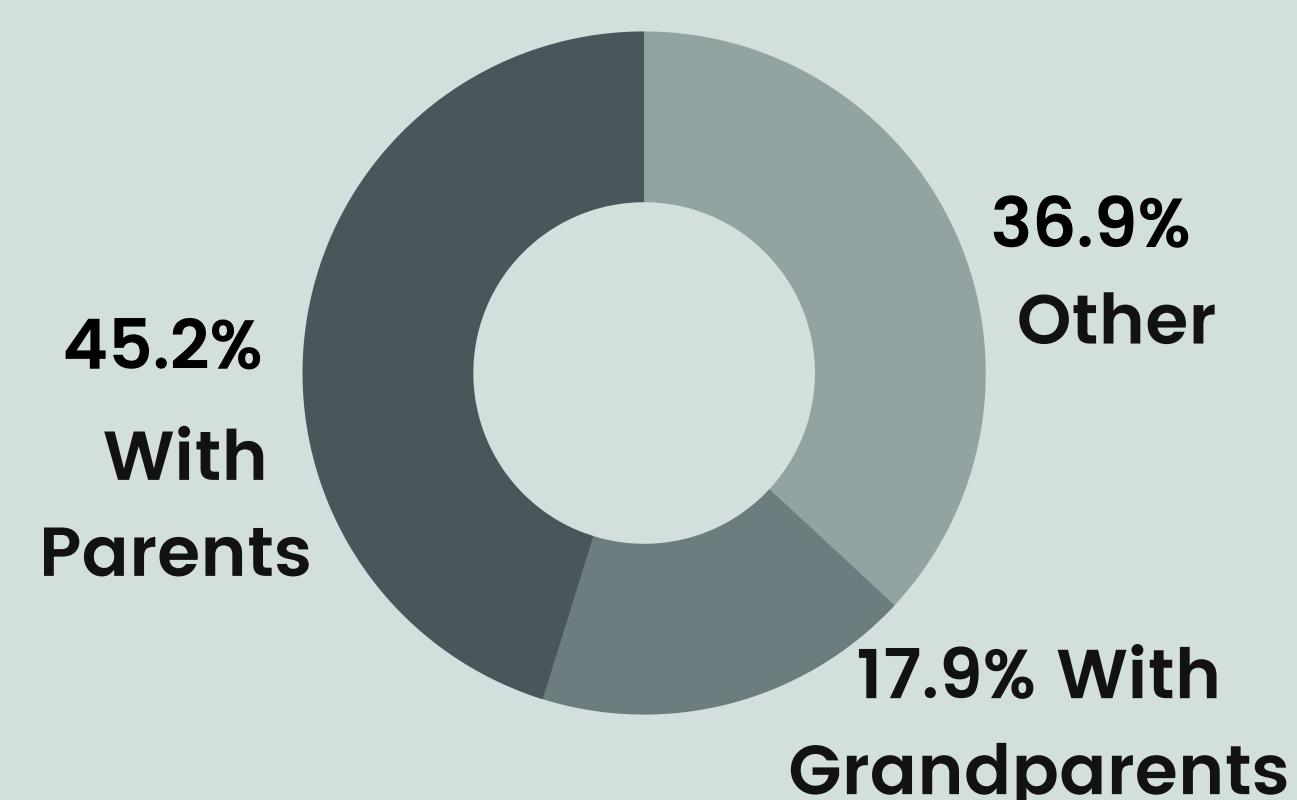
03 Results (ct'd)

Effects of Lockdown

Extra hours spent by children using electronics during Lockdown



Distribution of time spent by Children during Lockdown



04 Conclusion

- The COVID-19 pandemic amid Lebanon's major adversities had a significant negative impact on children's behavior and emotional well-being.
- The parents-children relationship remained positive as depicted by the parent-child relationship scale.



Survey QR Code