

## Profile Of Pediatric Care For Covid At The Municipal University Hospital Of Taubate-Sp-Brasil (2020-2021)

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### **Abstract**

**Introduction:** SARS-CoV-2 presented milder clinical manifestations in the pediatric range than in adults. However, with the arrival of the new variants and the beginning of vaccination of the adult population, children have come to represent a higher percentage of hospitalizations.

**Objective:** To describe the care provided at the Taubate Municipal University Hospital (HMUT) by SARS-CoV-2 in 2020 and 2021.

**Methodology** And retrospective cross-sectional study conducted through a survey of medical records of all visits to children under 12 years of age for SARS-CoV-2, confirmed by RT-PCR, at HMUT, from March 2020 to December 2021.

**Results** In total, 198 children were assisted, seven (3.5%) in 2020 and 191 (96.5%) in 2021. The mean age of the patients was 4.7 years in girls and 4.5 years in boys. Children up to four years of age accounted for 56.1% (N=111) of the visits. The main symptoms presented by the patients were: fever (64.6%) and cough (64.1%). With emphasis on runny nose, dyspnea, diarrhea and vomiting, in children under four years, with statistical significance. The hospitalization rate was 12% (23 cases), of which 18 (9.1%) were admitted to the ward and 5 (2.5%) to the intensive care unit (ICU). All patients admitted to the ICU had comorbidities, and one (0.5%) died.

**Conclusion** The main symptoms presented were fever and cough. There was a large concentration of attendances in 2021. All patients admitted to the ICU had comorbidity.

**Keywords:** Coronavirus Infections, COVID-19, Pandemics, Child, Pediatrics

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