

Table 1. Characteristics of patients with bronchiolitis admitted to Gaslini Emergency Department during the study period.

| | <i>December 1st, 2017- March 9th, 2018</i> | <i>December 1st, 2018- March 9th, 2019</i> | <i>December 1st, 2019- March 9th, 2020</i> | <i>p value</i> | IQR: Interquartile range; CI: Confidence interval; PCR: polymerase chain reaction; RSV: respiratory syncytial virus |
|---|--|--|--|-------------------|--|
| Demography | | | | | |
| <i>Total number</i> | 211 | 244 | 125 | - | |
| <i>Sex (M)</i> | 139 (65.9%) | 127 (52%) | 76 (60.8%) | 0.01 | |
| <i>Age (days) median (IQR)</i> | 96 (65-172) | 110 (63-174) | 108 (49-183) | NS | |
| <i>Pretermchildren</i> | 2 (0.9%) | 3 (1.2%) | 5 (4%) | 0.1 | |
| <i>Comorbidity</i> | 4 (1.9%) | 13 (3%) | 8 (6.4%) | 0.09 | |
| <i>Emergency consultations (Red code)</i> | 2 (0.9%) | 2 (0.8%) | 3 (2.4%) | 0.4 | |
| <i>High priority consultations (Yellow code)</i> | 143 (67.8%) | 153 (63%) | 86 (68.8%) | 0.4 | |
| <i>Low priority consultations (Green code)</i> | 66 (31.2%) | 88 (36%) | 36 (28.8%) | 0.3 | |
| <i>Hospitalization</i> | 118 (55.9 %) | 140 (57.4%) | 71 (56.8 %) | 0.95 | |
| Oxygen therapy | | | | | |
| <i><u>December 1st March 9th</u></i> | | | | | |
| <i>Patients treated/observed (%, CI 95%)</i> | 36/211 (17%) (12.6-22.7) | 49/244 (20%) (15.5-25.5) | 33/125 (26.4%) (19.4-34.7) | 0.09 | |
| <i><u>December 1st February 1st</u></i> | | | | | |
| <i>Patients treated/observed (%, CI 95%)</i> | 19/117 (16.2%) (10.6-24) | 31/120 (25.8%) (18.8-34.3) | 17/96 (17.7%) (11.3-26.5) | 0.14 | |
| <i><u>February 2nd - March 9th</u></i> | | | | | |
| <i>Patients treated/observed (%, CI 95%)</i> | 17/94 (18%) (11.6-27) | 18/124 (14.5%) (9.3-21.7) | 16/29 (55.1%) (37.5-71.6) | <0.0001 | |
| <i>Length of oxygen therapy (hours, median and IQR)</i> | 48 (24-108) | 96 (48-120) | 96 (72-144) | 0.07 | |
| Etiology | | | | | |
| <i>Multiplex PCR test performed</i> | 86 (41%) | 100 (41%) | 55 (44%) | NS | |
| <i>Positive multiplex PCR test</i> | 78/86 (91%) | 98/100 (98%) | 55/55 (100%) | 0.01 | |
| <i>RSV</i> | 66 | 74 | 52 | | |
| <i>Influenza viruses</i> | 3 | 6 | 0 | | |
| <i>Metapneumovirus</i> | 2 | 3 | 1 | | |
| <i>Rinovirus</i> | 6 | 11 | 2 | | |
| <i>Others</i> | 1 | 4 | 0 | | |