Table S1: Details of the 1st survey

**Respondent details**

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|---|---|
| Name of responding doctor | Free text |
| Date of response | Free text |
| Hospital / Institution | Free text |
| Country | Free text |
| email | Free text |

**General basic information (overview)**

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|---|---|---|---|---|---|---|
| Total number of tests to date at your institution | number | | | | | |
| Age | Drop down | 0-1y: number | 1-4y: number | 4-6y: number | 6-12y: number | >12y: number |
| Sex | Drop down | girls: number | boys: number | | | |
| Underlying conditions (diagnoses of the children) | Drop down | asthma: number | cystic fibrosis: number | broncho-pulmonary dysplasia (BPD): number | others: free text | |
| Admissions (after diagnosis of COVID-19 infection) | Drop down | home: number | ward: number | PICU: number | | |

**<u>Asthma</u>**

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|---|---|---|---|---|---|---|
| Total number of Children (<16 yrs) with Asthma and COVID-19 | number | | | | | |
| Presenting diagnosis | drop down | Exacerbation: number | Pneumonia: number | Upper respiratory tract infection: number | fever only: number | asymptomatic: number | other: free text |

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|---|---|---|---|---|---|---|
| Admissions (after diagnosis of COVID-19 infection) | Drop down | home: number | ward: number | PICU: number | | |
| Number of days hospitalized (if several children median and range) | number | | | | | |
| Number of days with symptoms (defined as WHO symptoms, time until free of symptoms for >=24hrs; if several children median and range) | number | | | | | |
| Pre-admission treatment GINA Step | Drop down | Step 1: number | Step 2: number | Step 3: number | Step 4: number | Step 5: number |
| Predominant X-ray changes | Drop down | Not done | Ground glass opacity | Local patchy shadowing | Bilateral patchy shadowing | Interstitial abnormalities |
| CT changes if applicable | Drop down | Not done | Ground glass opacity | Local patchy shadowing | Bilateral patchy shadowing | Interstitial abnormalities |
| Treatment | Drop down | None | Oxygen: number | Hogh-Flow nasal cannula: number | Non-invasive ventilation: : number | Invasive ventilation: number |
| | | | Antibiotics: number | Azitromycine: number | experimental COVID treatment: free text | |
| Number of deaths | Number | | | | | |

**Cystic fibrosis**

| | | | | | | |
|---|---|---|---|---|---|---|
| Total number of Children (<16 yrs) with CF and COVID-19 | number | | | | | |
| Presenting diagnosis | drop down | Exacerbation: number | Pneumonia: number | Upper respiratory tract infection: number | fever only: number | asymptomatic: number | other: free text |
| Admissions (after diagnosis of COVID-19 infection) | Drop down | home: number | ward: number | PICU: number | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Number of days hospitalized (if several children median and range) | number | | | | | | |
| Number of days with symptoms (defined as WHO symptoms, time until free of symptoms for >=24hrs;  if several children median and range) | number | | | | | | |
| If available last FEV1% (or zscores) | Drop down | not done: number | >80% (zscore <1.69): number | 40-79%: number | <40%: number | | |
| Predominant X-ray changes | Drop down | Not done | Ground glass opacity | Local patchy shadowing | Bilateral patchy shadowing | Interstitial abnormalities | |
| CT changes if applicable | Drop down | Not done | Ground glass opacity | Local patchy shadowing | Bilateral patchy shadowing | Interstitial abnormalities | |
| Treatment | Drop down | None | Oxygen: number | Hogh-Flow nasal cannula: number | Non-invasive ventilation: : number | Invasive ventilation: number | |
| | | | Antibiotics: number | Azitromycine: number | experimental COVID treatment: free text | | |
| Number of deaths | Number | | | | | | |
| | | | | | | | |

**Bronchopulmonary Dysplasia (BPD)**

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|---|---|---|---|---|---|---|---|
| Total number of Children (<16 yrs) with BPD and COVID-19 | number | | | | | | |
| Severity of BDP | Drop down | mild: number | moderate: number | severe: number | | | |
| Presenting diagnosis | drop down | Exacerbation: number | Pneumonia: number | Upper respiratory tract infection: number | fever only: number | asymptomatic: number | other: free text |

| | | | | | | |
|---|---|---|---|---|---|---|
| Admissions (after diagnosis of COVID-19 infection) | Drop down | home: number | ward: number | PICU: number | | |
| Number of days hospitalized (if several children median and range) | number | | | | | |
| Number of days with symptoms (defined as WHO symptoms, time until free of symptoms for >=24hrs; if several children median and range) | number | | | | | |
| If available last FEV1% (or zscores) | Drop down | not done: number | >80% (zscore <1.69): number | 40-79%: number | <40%: number | |
| Predominant X-ray changes | Drop down | Not done | Ground glass opacity | Local patchy shadowing | Bilateral patchy shadowing | Interstitial abnormalities |
| CT changes if applicable | Drop down | Not done | Ground glass opacity | Local patchy shadowing | Bilateral patchy shadowing | Interstitial abnormalities |
| Treatment | Drop down | None | Oxygen: number | Hogh-Flow nasal cannula: number | Non-invasive ventilation: : number | Invasive ventilation: number |
| | | | Antibiotics: number | Azitromycine: number | experimental COVID treatment: free text | |
| Number of deaths | Number | | | | | |
| | | | | | | |
| | | | | | | |

**Other underlying respiratory conditions**

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|---|---|---|---|---|---|---|
| Total number of Children (<16 yrs) with other underlying respiratory conditions and COVID-19 | number | | | | | |
| Diagnosis (underlying condition) | drop down | free text | free text | free text | free text | free text |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Presenting diagnosis | drop down | Exacerbation: number | Pneumonia: number | Upper respiratory tract infection: number | fever only: number | asymptomatic: number | other: free text |
| Admissions (after diagnosis of COVID-19 infection) | Drop down | home: number | ward: number | PICU: number | | | |
| Number of days hospitalized (if several children median and range) | number | | | | | | |
| Number of days with symptoms (defined as WHO symptoms, time until free of symptoms for >=24hrs; if several children median and range) | number | | | | | | |
| If available last FEV1% (or zscores) | Drop down | not done: number | >80% (zscore <1.69): number | 40-79%: number | <40%: number | | |
| Predominant X-ray changes | Drop down | Not done | Ground glass opacity | Local patchy shadowing | Bilateral patchy shadowing | Interstitial abnormalities | |
| CT changes if applicable | Drop down | Not done | Ground glass opacity | Local patchy shadowing | Bilateral patchy shadowing | Interstitial abnormalities | |
| Treatment | Drop down | None | Oxygen: number | Hogh-Flow nasal cannula: number | Non-invasive ventilation: : number | Invasive ventilation: number | |
| | | | Antibiotics: number | Azitromycine: number | experimental COVID treatment: free text | | |