

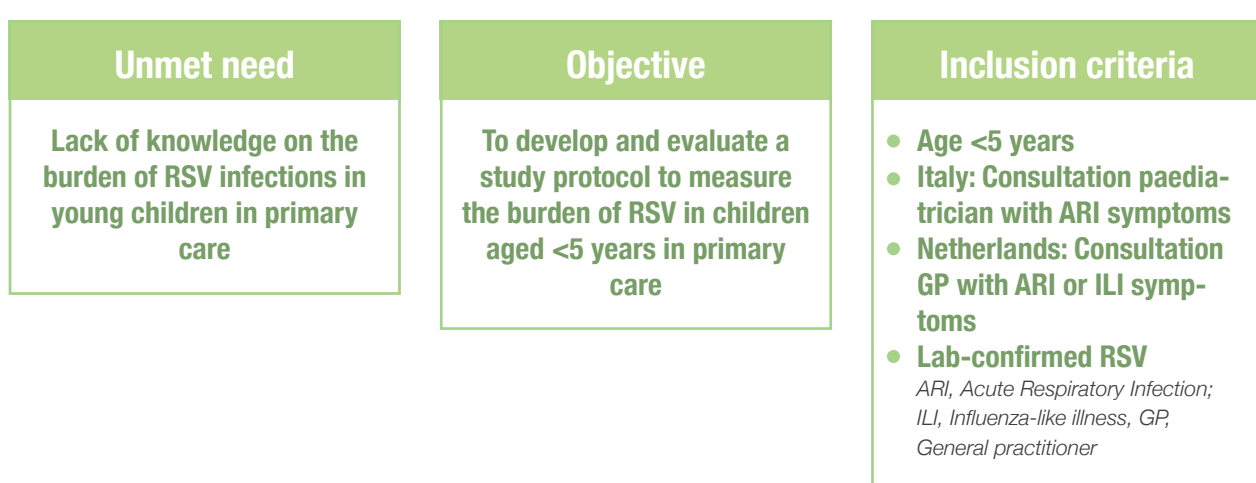
# MEASURING THE BURDEN OF RSV AMONG YOUNG CHILDREN IN PRIMARY CARE:

## Results of the RSV ComNet pilot in Italy and the Netherlands

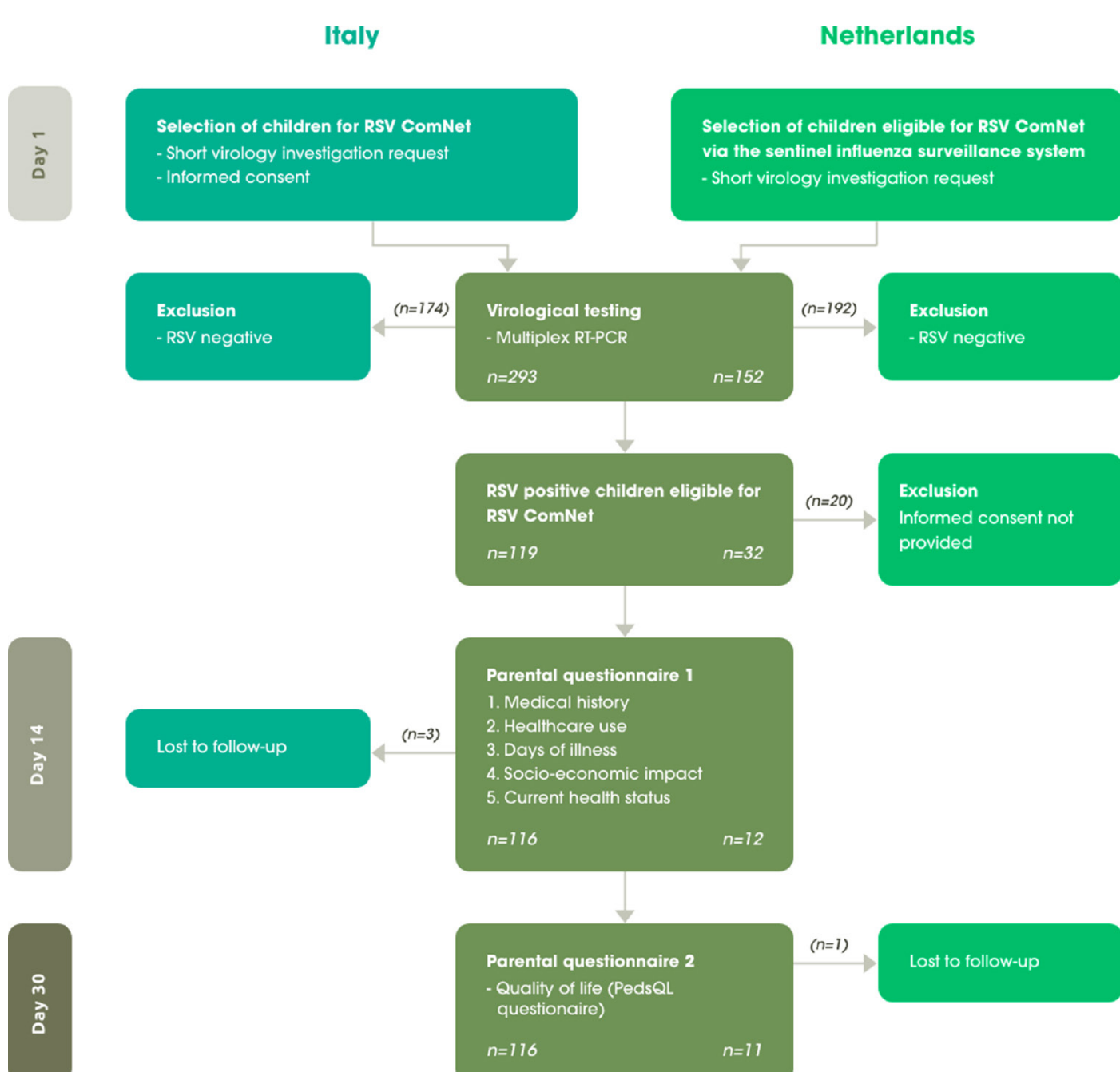
<https://nivel.nl/en/RSVComNet>

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## STUDY PROTOCOL



## RESULTS

Indicators of protocol feasibility	Italy	Netherlands
<b>Patient recruitment, % (n)</b>		
D14 response rate	<b>97%</b> (116/119)	<b>38%</b> (12/32)
D30 response rate	<b>97%</b> (116/119)	<b>34%</b> (11/32)
<b>Data collection procedures</b>		
Days between disease onset and swab, median (IQR)	<b>2</b> (1-3.5)	<b>3</b> (2-4.5)
D14 questionnaire duration, min	<b>7</b> (5-10)	<b>4</b> (3-5)
D30 questionnaire duration, min	<b>10</b> (7-15)	<b>4</b> (3-8)
Children with symptoms at d14, % (n)	<b>33.6%</b> (40)	<b>67%</b> (8)

## CONCLUSIONS



**RSV ComNet study protocol is feasible to implement** in a network of paediatricians and via the routine influenza surveillance network of general practitioners



**Clinical burden, health care utilisation and societal impact of RSV can be measured** on an individual patient level in a primary care setting



Measuring **quality of life is challenging** in very young children



**Day 30 questionnaire can be improved** by measuring health care utilisation, societal impact and complications related to RSV

## IMPROVED DATA COLLECTION PROTOCOL

Day 1

**GP or paediatrician completes short questionnaire**

1. Patient demographics
2. Date of onset clinical symptoms
3. Presentation of clinical symptoms
4. Medical history of the child

Nasopharyngeal swab for virological testing by multiplex PCR at reference laboratory

Day 14

**Parental questionnaire 1**

1. Health care use of their child
2. Number of days of illness
3. Socio-economic impact on parents or primary caregiver
4. Current health status
5. Quality of life (measured by VAS)

Day 30

**Parental questionnaire 2**

1. Health care use of their child
2. Number of days of illness
3. Socio-economic impact on parents or primary caregiver
4. Current health status
5. Quality of life (measured by VAS)
6. Complications related to RSV infection (e.g. otitis media or pneumonia)

## WINTER OF 2020/2021

Study planned to measure the burden of RSV in young children in primary care in Italy, Netherlands and the UK using the improved RSV ComNet protocol