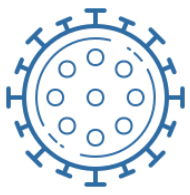


# COVID-19 in PH patients: a reference center survey<sup>1</sup>



<sup>1</sup>Belge C, Quarck R, Godinas L, Montani D, Escribano Subias, P, Vachiéry JL, Nashat H, Pepke-Zaba J, Humbert M, Delcroix M. Covid-19 in pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension: a reference centre survey. **ERJ Open Research** 2020 (in press).



70

patients with PH  
had confirmed  
COVID-19

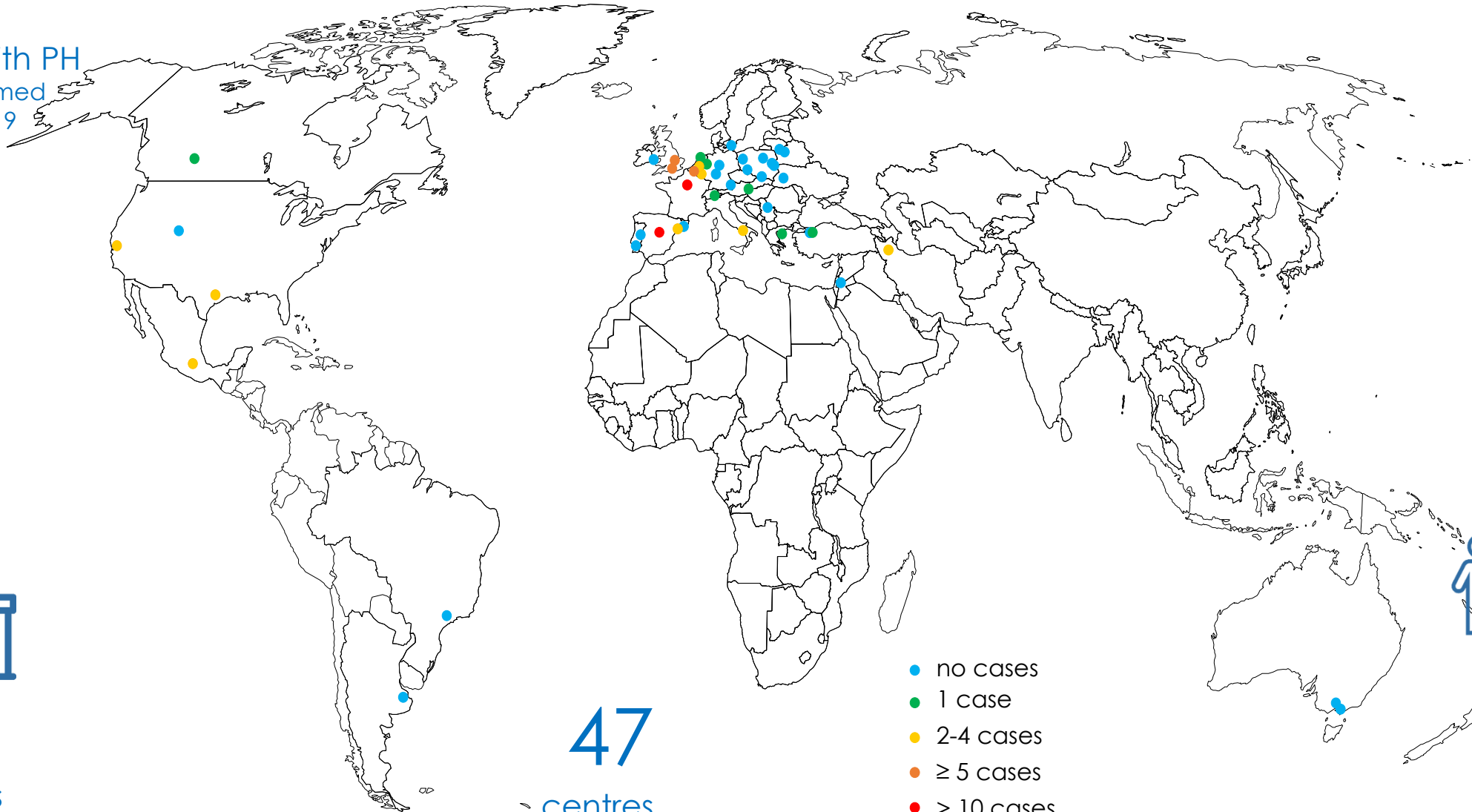
28

countries



11

needed  
ICU care



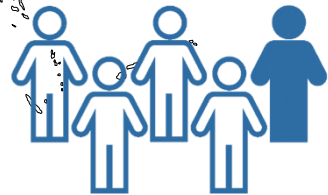
44

patients  
were hospitalized

47

centres

- no cases
- 1 case
- 2-4 cases
- ≥ 5 cases
- > 10 cases

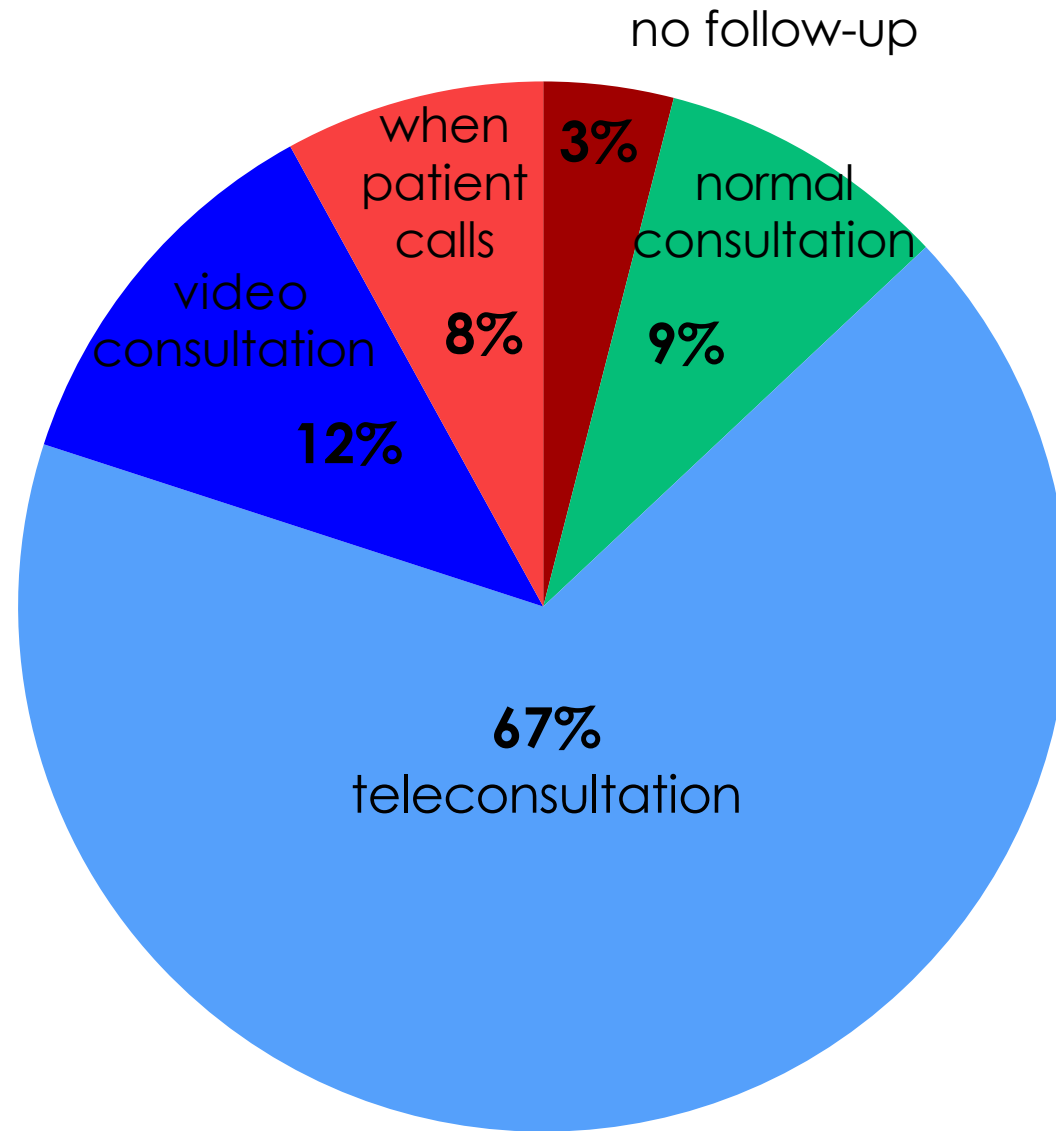


13

Died

# Follow up of PAH/CTEPH patients during the COVID-19 pandemic

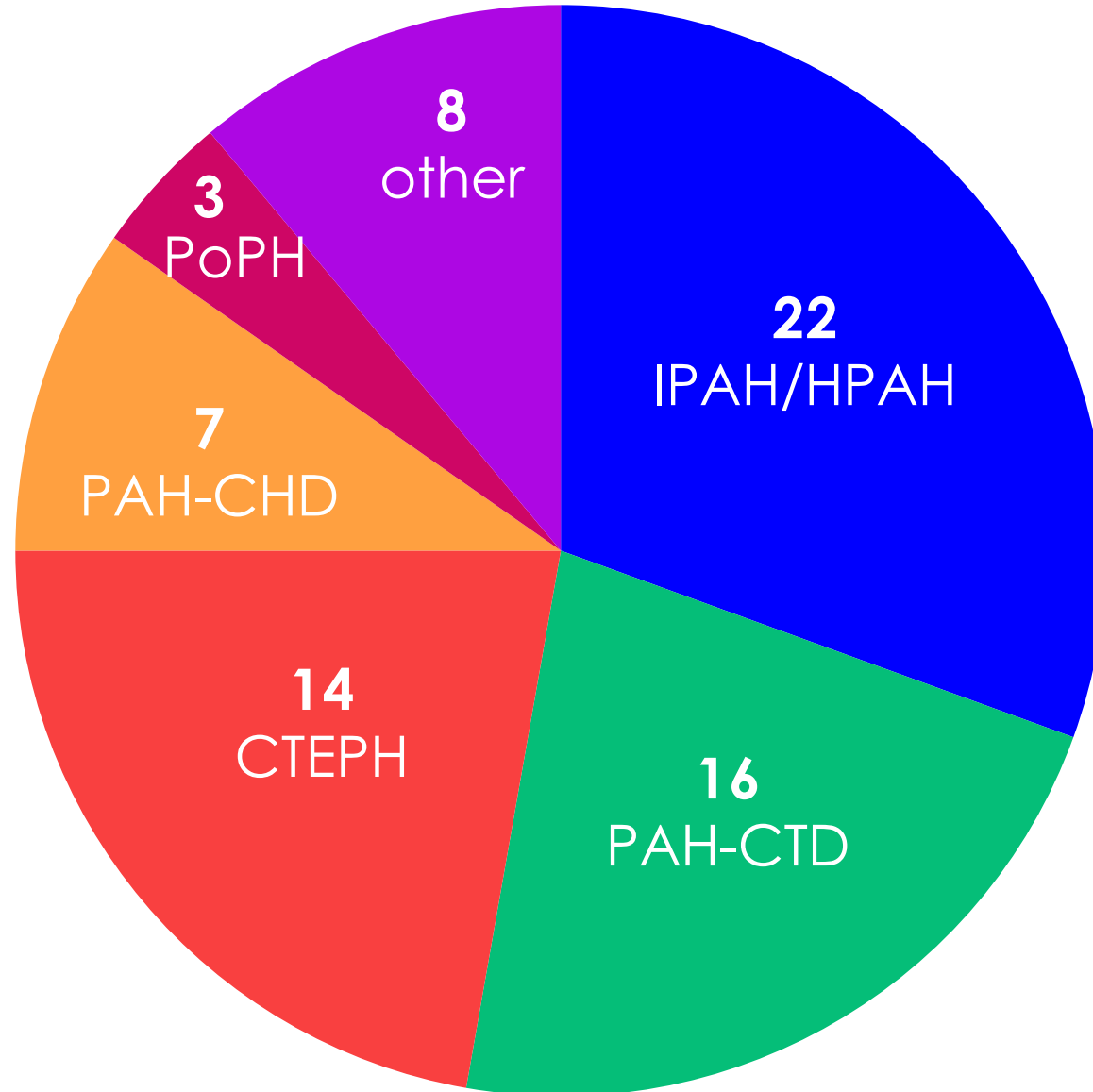
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Number of patients (n=70)  
Number of centres (n=47)

# Pulmonary hypertension classification

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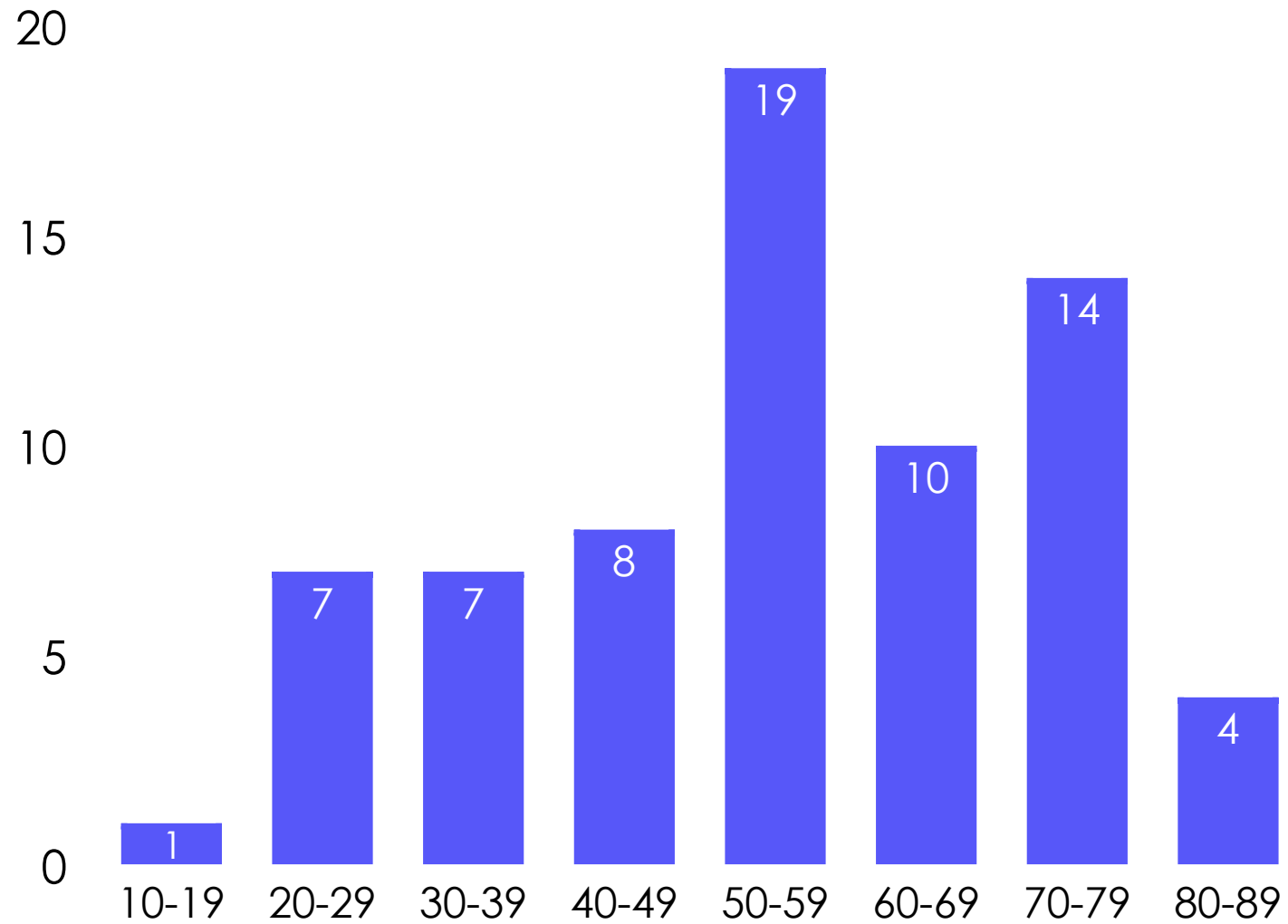


Number of patients (n=70)

Number of centres (n=47)

# Age distribution (years)

---

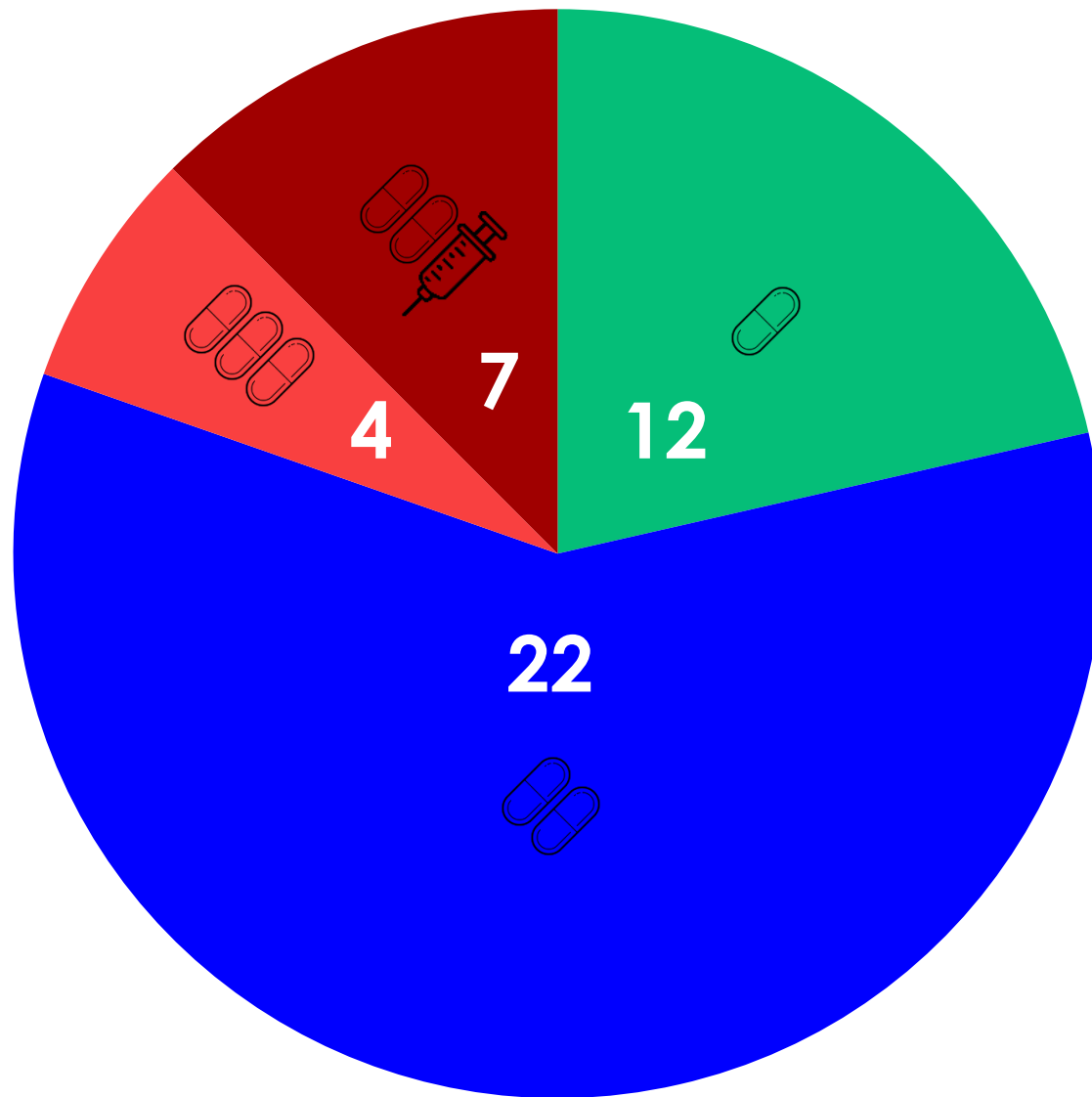






Number of patients (n=70)

Number of centres (n=47)

# Pulmonary hypertension treatment

---

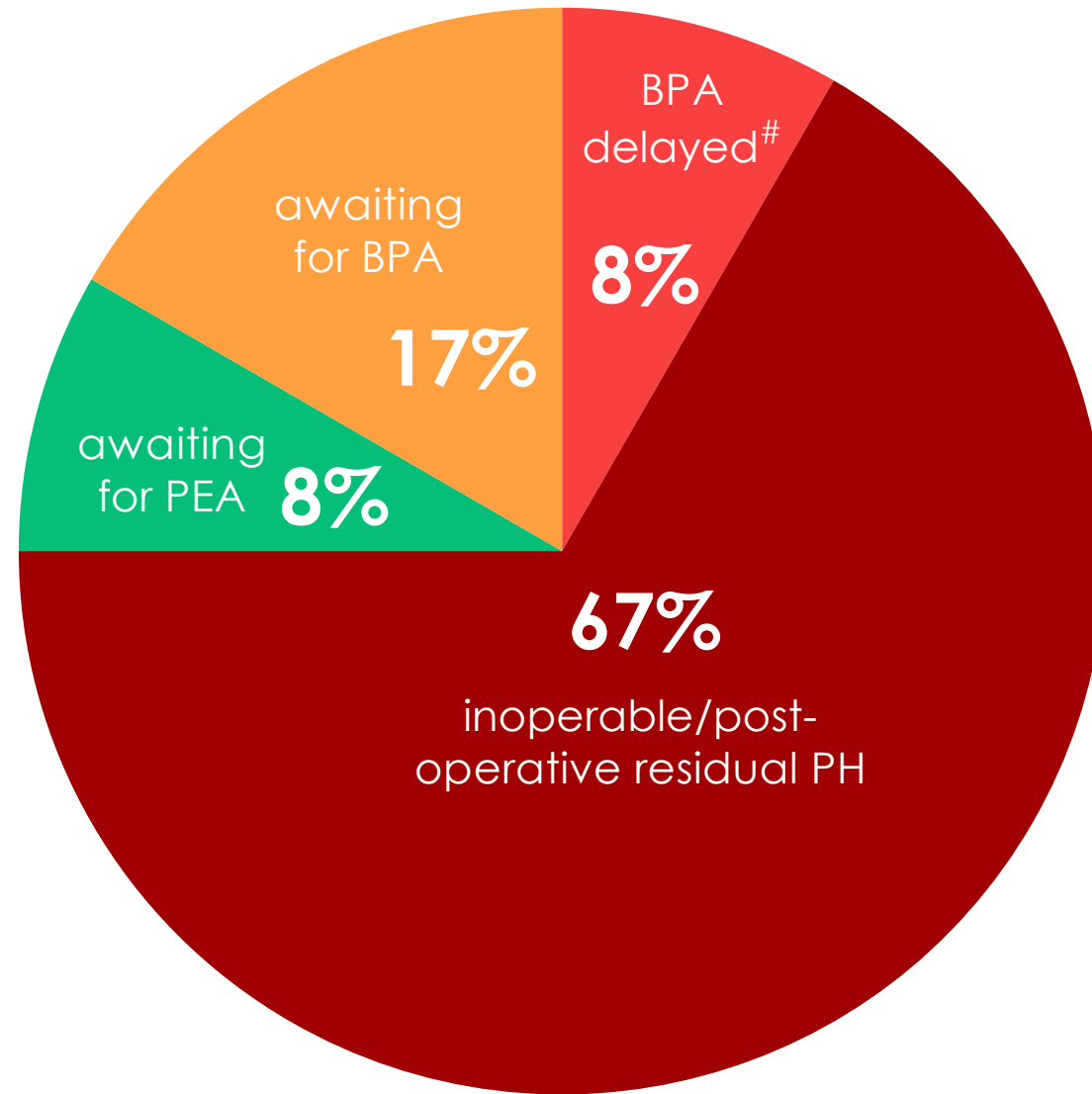


-  Monotherapy
-  Bitherapy
-  Tritherapy (oral)
-  Tritherapy (parenteral PGI<sub>2</sub>)

Number of patients (n=56)  
Number of centres (n=16)

# CTEPH patients

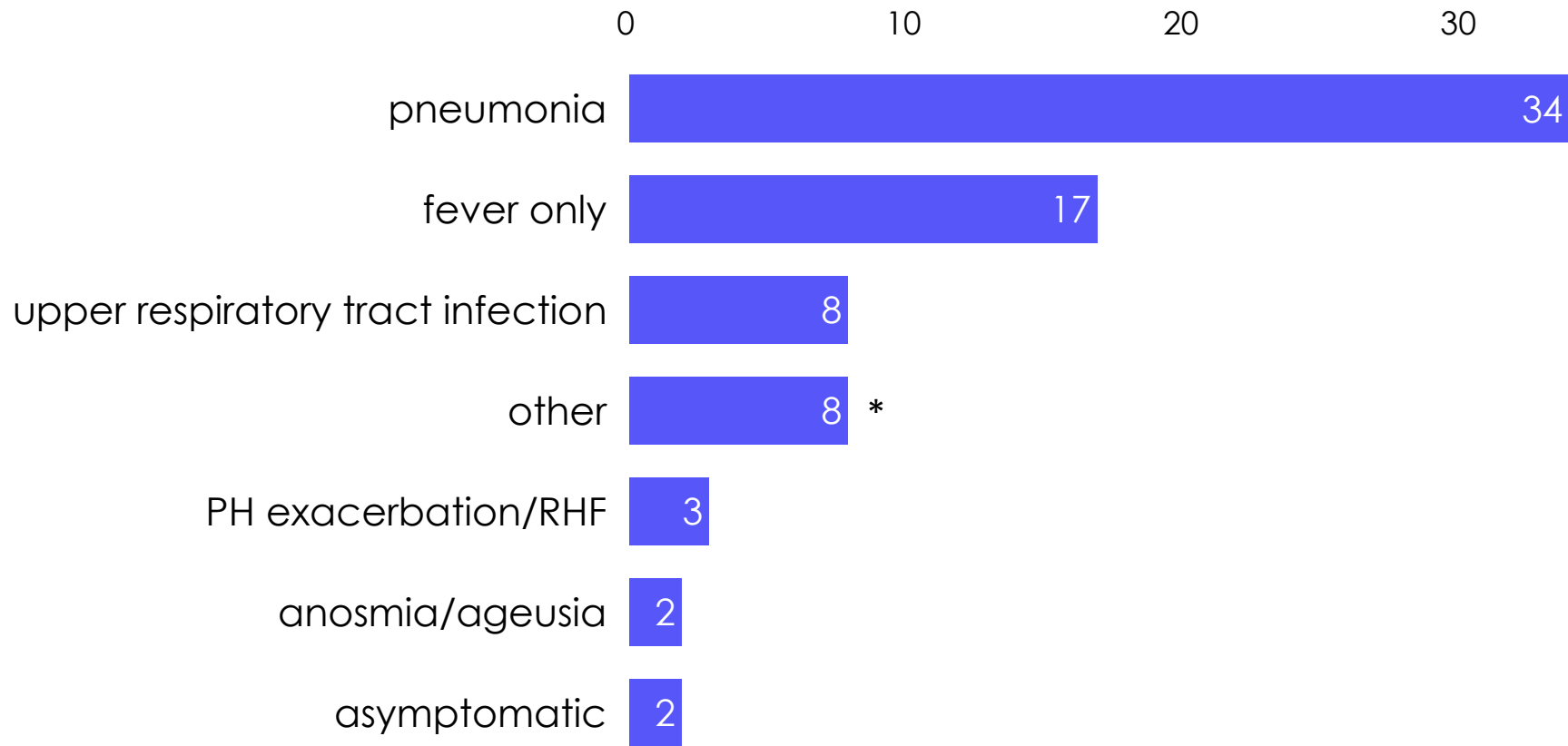
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#Because of pandemic logistic situation  
None had PEA delayed because of pandemic logistic situation

Number of patients (n=12)  
Number of centres (n=6)

# COVID-19 presenting symptoms



No VTE or hemoptysis

symptoms duration



6.0 days  
(range: 1-36)

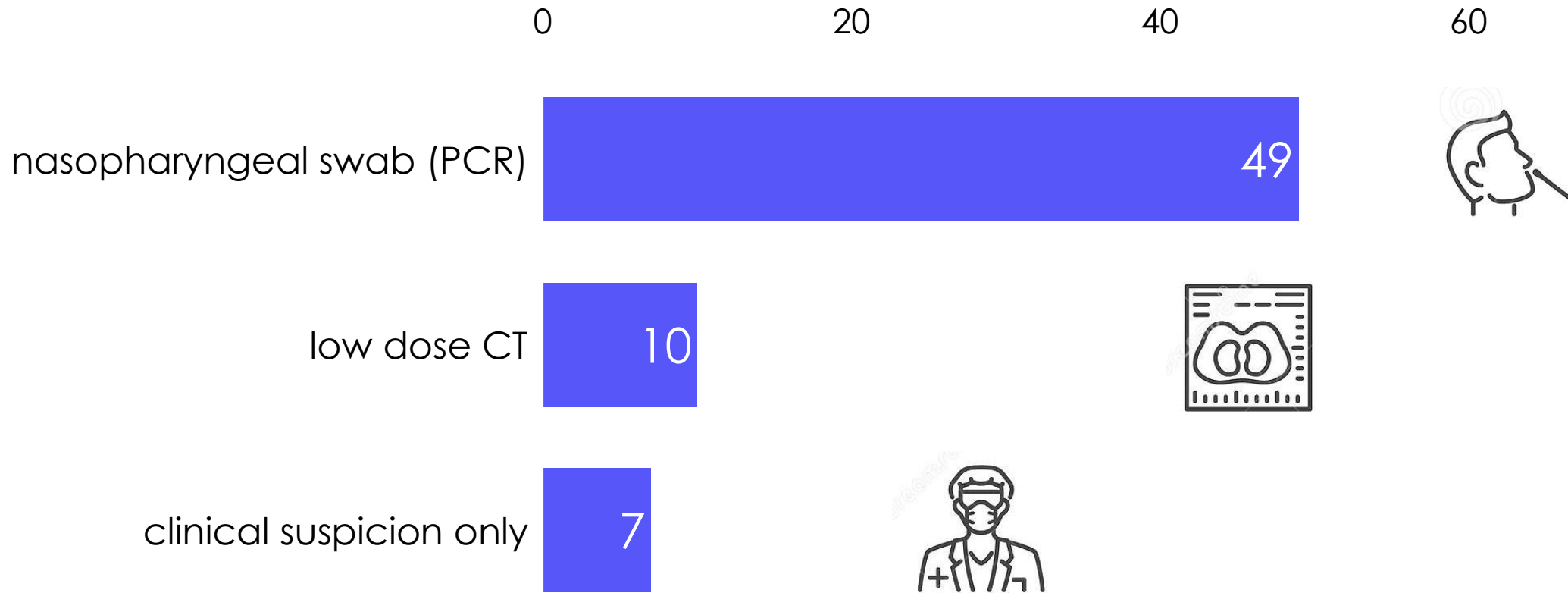
\* other: myalgia, dyspnoea or cough

Number of patients (n=61)  
Number of centres (n=18)



# COVID-19 diagnostic examinations

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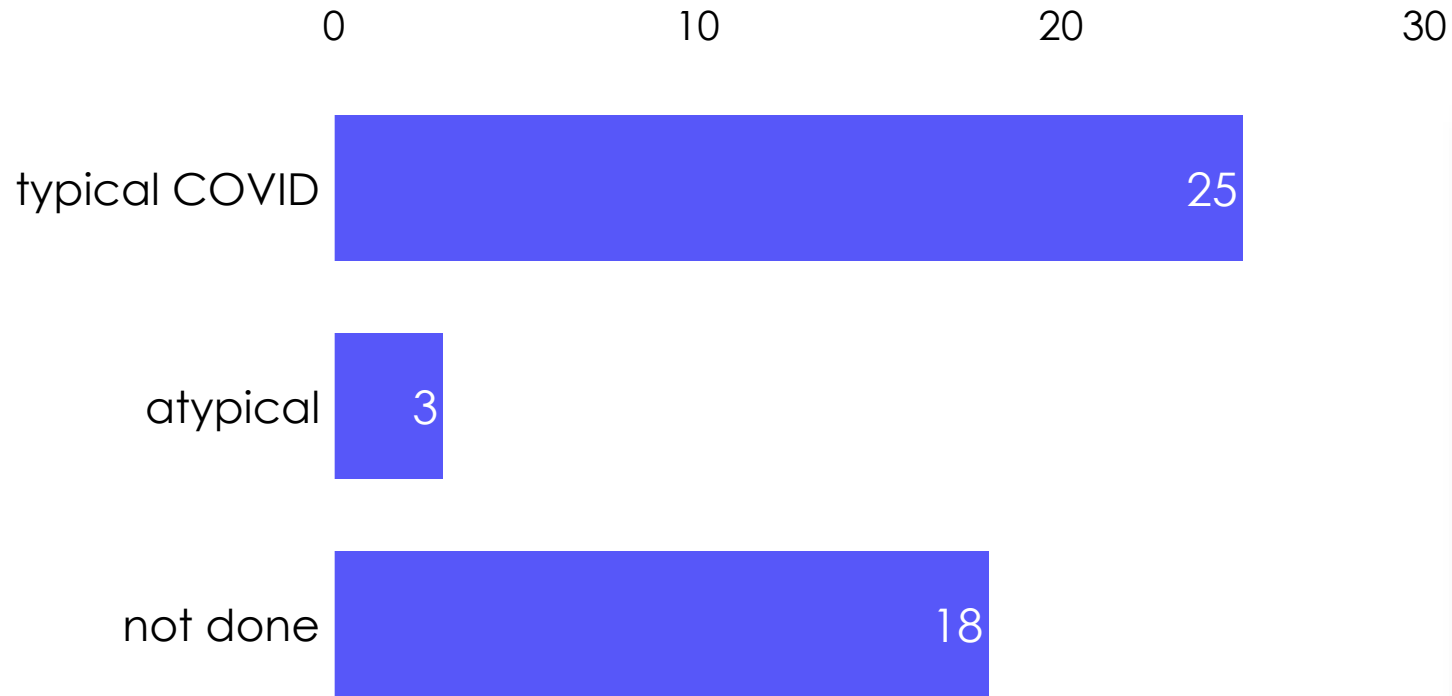


Number of patients (n=66)

Number of centres (n=18)

# COVID-19 CT characteristics

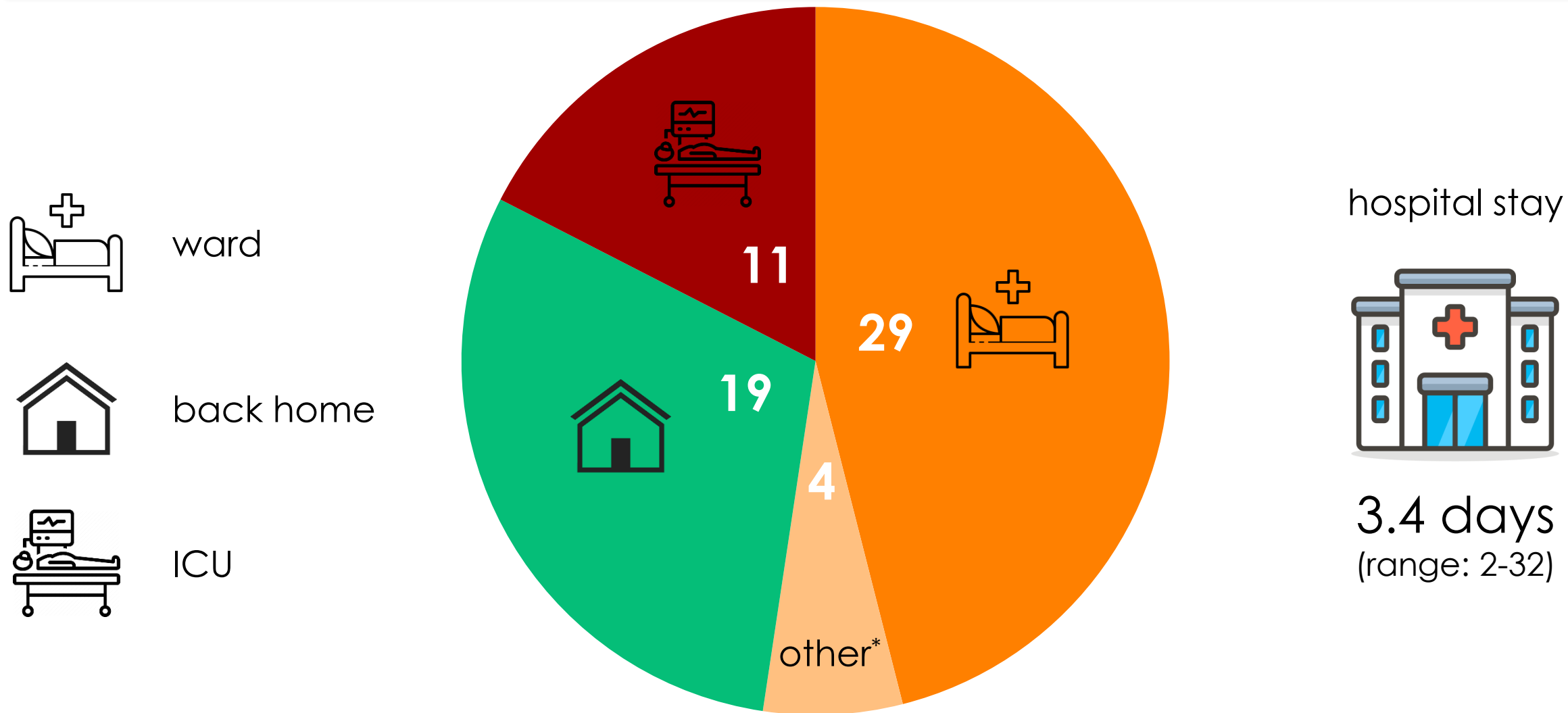
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Number of patients (n=46)

Number of centres (n=18)

# COVID-19 hospitalisation

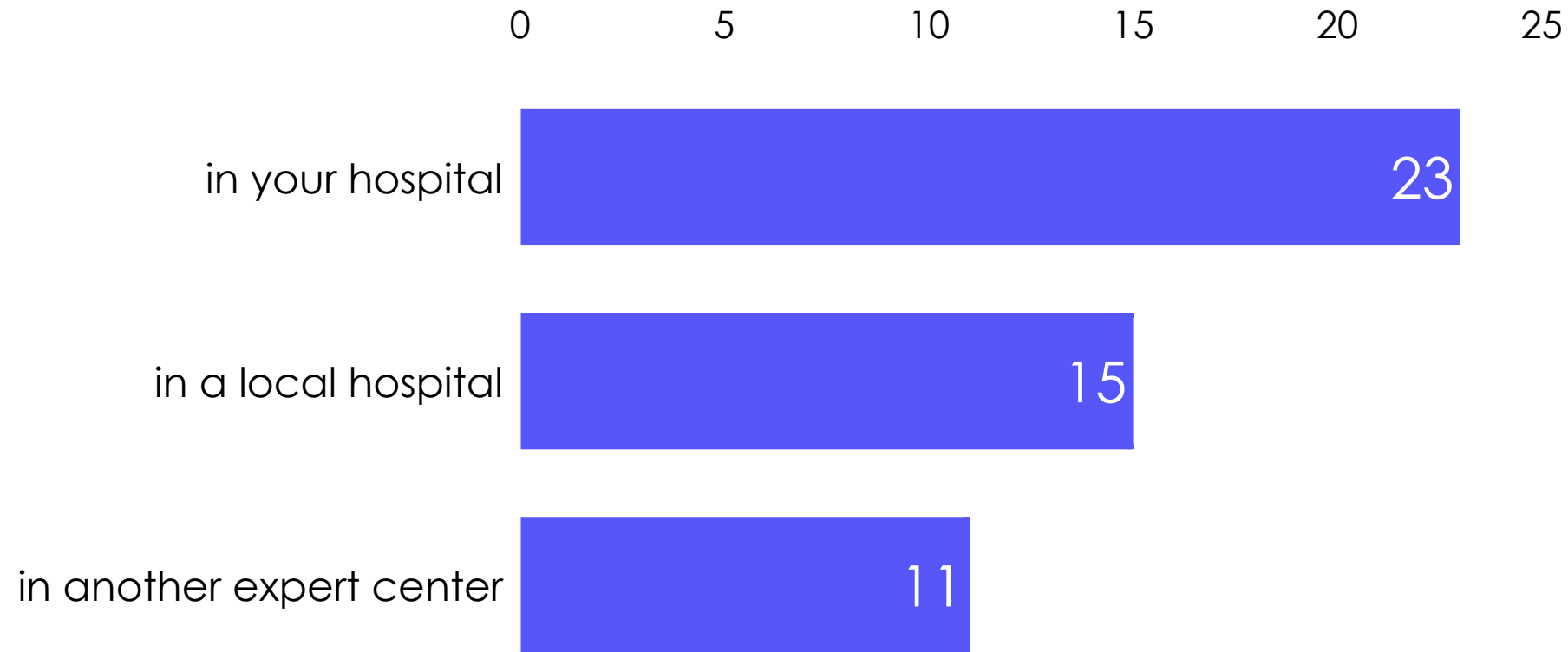


\* other: nursing home, intermediate care unit, social-sanitary centre

Number of patients (n=63)  
Number of centres (n=14)

# COVID-19 hospitalisation

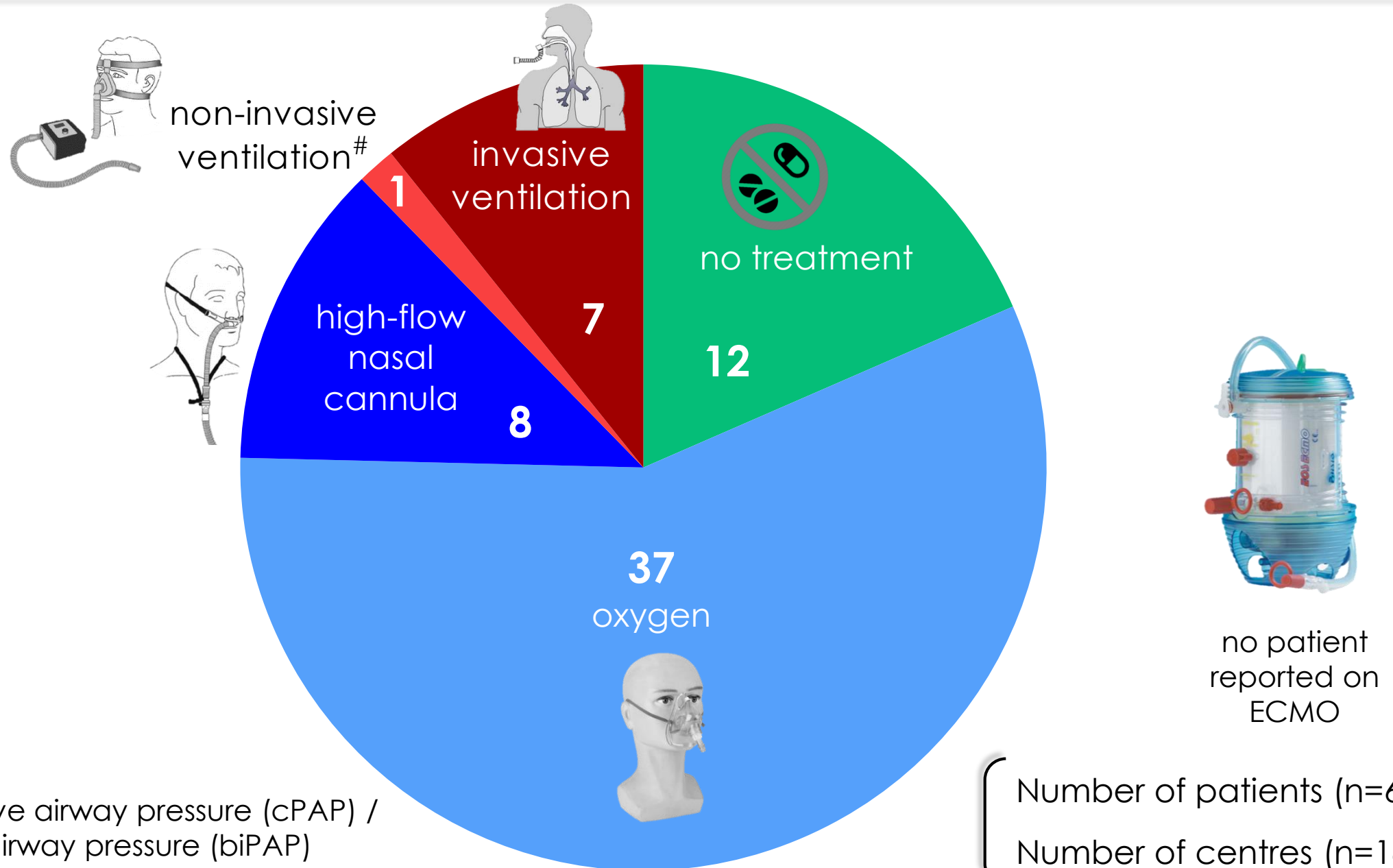
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Number of patients (n=49)

Number of centres (n=16)

# COVID-19 respiratory support

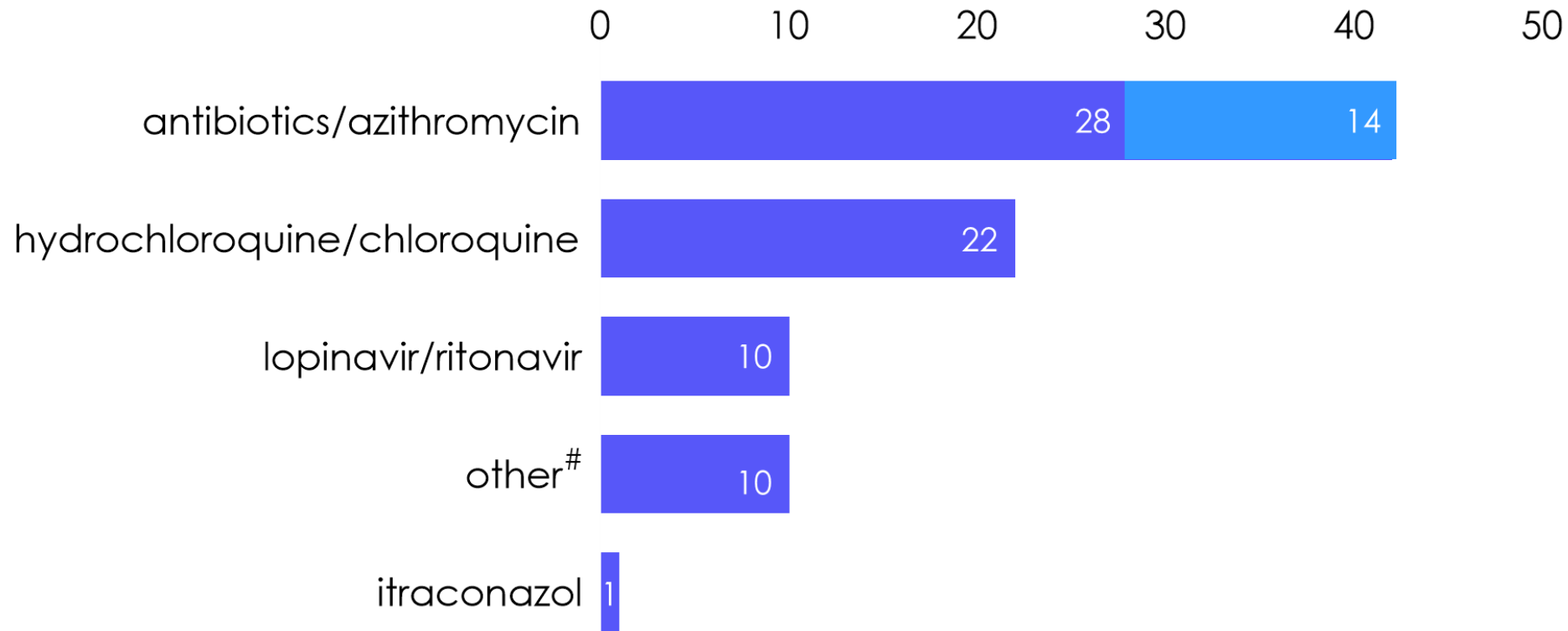


#continuous positive airway pressure (cPAP) / bi-level positive airway pressure (biPAP)

Number of patients (n=65)  
Number of centres (n=18)

# COVID-19 pharmacological treatment

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\*Patients could have received more than one treatment

<sup>#</sup>other: tocilizumab, methylprednisolone, mycophenolate, favipiravir and rituximab

Number of patients (n=70\*)

Number of centres (n=14)

# THANKS TO

---

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