

29|7|2020

RECOVER Work Package 2

# Extended Point Prevalence Audit Survey (PPAS)

Results for Germany





This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101003589.



# Extended PPAS Germany

## General information

- Country: GERMANY
- Registration period: 30 April 2020 to 13 July 2020
- Total number of patient consultations: 178

## Overall remarks on German data

- 78,6% of patients were seen at the practice, 15,5% were contacted by phone and 4,9%% were contacted by video
- Only in 2,5%% of the consultations gloves were used
- 52% of the patients had mild disease
- In 81,8% of the patients a COVID test was ordered
- In 16% of the patients the GP registered a working diagnosis of COVID
- Of those with an empirical diagnosis of COVID, 6,1% did get antibiotic treatment
- 0,5% was referred to hospital



<b>Consultation (N= 206)</b>				
Consultation at	Practice	78.6%		
	Home	1.0%		
	Protective measures: yes	98.2%	apron/body protection	0.6%*
			face, nose/mouth protection	100%
			safety glasses	0.6%
			gloves	2.5%
	Telephone	15.5%		
Video/skype	4.9%			
Has patient already been tested for COVID?	Yes	0.0%	Result:	
			Positive	-%*
			Negative	-%
			Unknown	-%
	No	100%		
<b>Patient characteristics</b>				
Age	Median (IQR)	39.5 (30-54.25)		
Comorbidity	Yes	33.0%	chronic respiratory condition	16.2%*
			diabetes	22.1%
			cardiovascular disease	35.3%
Measured:				
Fever	Yes	14.6% <sup>“</sup>	Temp ≥38 or <36	25.0%*
O <sub>2</sub>	Yes	3.7% <sup>“</sup>	Saturation <96%	16.7%*
Resp. rate	Yes	1.2% <sup>“</sup>	Resp. rate >20 or <12	1.0% <sup>^</sup>
<b>Signs and symptoms</b>				
Rhinitis	Yes	72.8%		
Sore throat	Yes	70.4%		
Cough	Yes	56.8%	short of breath (dyspnoea)	18.4% <sup>#</sup>
			abnormal auscultation	5.5% <sup>”</sup>
			(pleuritic) chest pain	1.9% <sup>#</sup>
			tachypnoea	0.5% <sup>#</sup>
General symptoms	Yes	73.3%	headache	44.2% <sup>#</sup>
			altered mental status	0.0%

			fatigue	26.2%
			diarrhoea	1.9%
Overall illness severity	Mild	51.9%		
	Moderate	47.6%		
	Severe	0.5%		
Additional diagnostic tests	Yes	37.4%	CRP	36.8%*
			CRP Median (IQR)	-
			COVID-19 test	81.8%
			Total white blood cell count	5.2%
			Chest X-ray	0.0%
Suspected aetiology	viral (no COVID-19)			21.8%
	COVID-19			11.2%
	bacterial			10.2%
	allergic			0.5%
	not clear			1.0%
Initial working diagnosis	acute pharyngitis/tonsillitis/abscess		6.8%	
	laryngitis/laryngotracheitis		0.0%	
	influenza-like-illness		19.4%	
	bronchiolitis		0.0%	
	acute bronchitis		1.0%	
	CAP		2.4%	
	exacerbation COPD/asthma		1.0%	
	upper RTI		65.5%	
	COVID-19		16.0%	
			Contacted public health authorities?	97.0%*
Would you recommend testing?			Yes: 100%	
GP provided	advice for home isolation	19.9%	how many days? Median	3.0 (2.0-4.0)
	advice for symptomatic treatment	95.1%	(ICQ)	
	a scheduled follow-up visit/call	90.8%		

	prescribed medication	11.7%	inhaled medication	4.9% <sup>#</sup>
			antibiotic	6.8%
			antiviral medication	0.5%
			antihistamines	0.0%
	advice for family members	8.7%	home isolation	5.8% <sup>#</sup>
			social distancing	6.8%
	preventive measures for patient	46.6%	extra handwashing	37.9% <sup>#</sup>
			sneezing in sleeve	37.9%
			social distancing	35.9%
			nose/mouth protection	22.3%
staying in separate room	0.0%			
where to find reliable information	9.7%			
GP prescribed	Antibiotics if working diagnose was COVID-19		Yes	6.1%
Confidence that provided advice/treatment will benefit this patient	Very confident	1.0%	Very confident	0.0% <sup>§</sup>
	Confident	55.8%	Confident	33.3% <sup>§</sup>
	Moderately	42.7%	Moderately	63.6% <sup>§</sup>
	Unconfident	0.5%	Unconfident	3.0% <sup>§</sup>
	Very unconfident	0.0%	Very unconfident	0.0% <sup>§</sup>
	Referral to hospital	0.5%		
	Advise contact/refer to COVID-specific authority	1.0%		

\* percentage from yes

“ percentage from F2F contact

# percentage from total (n=240)

^ percentage from adults and yes

§ if suspected etiology is COVID-19

