

What is long COVID? [1,2]



What are the symptoms? [1]

VERY FREQUENT

- Fatigue
- Dyspnea (rest strain)
- Limited performance and/or activity
- Headache
- Smell and taste disorders

FREQUENT

- Cough
- Sleep disorders
- Depressive mood
- Anxiety symptoms
- PTSD symptoms
- General pain
- Changed breathing
 pattern
- Cognitive limitations
- Compulsive acts
- Hair loss
- Stress

INFREQUENT

- Paralysis and sensory disorders
- Dizziness
- Nausea
- Diarrhoea
- Loss of appetite
- Tinnitus
- Earache
- Loss of voice
- Palpitations
- Tachycardia

What should be monitored at primary care level?

While considering the known comorbidities, the following monitorings are recommended for basic diagnostics: [1,3]

- → temperature; heart rate and rhythm; blood pressure; respiratory examination; functional status; pulse oximetry
- → clinical testing (if necessary): full blood count; electrolytes; liver and renal function; troponin; C reactive protein; creatine kinase; D-dimer; brain natriuretic peptides; ferritin
- ightarrow other investigations: chest x-ray; urine tests; ECG
- $\rightarrow\,$ screening questions: pain, breathlessness, fatigue, physical exhaustion, post-exertional malaise, cognitive disorders, depression, anxiety

Make your patient interview faster and easier! Create a long COVID protocol in the **MESI mTABLET**, guiding you step by step:

- ightarrow automated questions
- → oximetry, spirometry, blood pressure, ECG, ABI and TBI on one device.



See how our Protocol app is saving you additional time.



Patient questionnaire [4]

Since falling ill with COVID-19, do you:	NEVER	SOMETIMES	OFTEN	VERY FREQUENTLY
experience weakness and lethargy?				
feel tired even after you rest?				
experience breathlessness during daily errands (e.g. climbing stairs)?				
experience breathlessness when exercising?				
have a persistent cough?				
have feelings of having a fast-beating, fluttering or pounding heart?				
have problems with the sense of smell and taste? $-$				
have balance or fine motor skills problems?				
have concentration problems?				
have problems finding the right words or speaking long sentences?				
experience depression?				
experience anxiety?				
have sleep disorders?				
have headaches?				
experience hair loss?				

Measurement checklist

TEMPERATURE	BLOOD PRESSURE		SPIROMETRY	ECG
°C	/ mmHg	%		

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2. COVID-19 rapid guideline: managing the long-term effects of COVID-19 (NG188). 18 December 2020. National Institute for Health and Care Excellence (NICE), Royal College of General Practitioners (RCGP) and Healthcare Improvement Scotland (SIGN). https://www.nice.org.uk/guidance/ng188

3. Greenhalgh, T, Knight, M, A'Court, C, Buxton, M, Husain, L. 2020. Management of post-acute covid-19 in primary care. BMJ 2020;370:m3026. DOI: https://doi.org/10.1136/bmj.m3026 https://www.bmj.com/content/370/bmj.m3026

4. Patient questionnaire for Long Covid. Median. https://www.median-kliniken.de/long-covid/en/for-patients/long-covid-diagnosis/long-covid-symptom-checker/



REFERENCES

MESI, Ltd Leskoškova cesta 11a 1000 Ljubljana Slovenia, EU



E: info@mesimedical.com T: +386 1 620 34 87

www.mesimedical.com



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