PartnerRe

Post- COVID – Herausforderungen für die

Versicherungswirtschaft -

Fachtagung Personenschaden 2022

Achim Regenauer

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- 1. Folien in Englisch
- 2. Kein Fachchinesisch
- 3. Keine "Folienschlacht"

OP-ED

We're starting to

What is the root cause of these lingering symptoms?

By Erie J. Topol

Karen Rawde

Many 'lon drugs, never getting ahead of it. In fact, well into its third year, COVID-19 is still causing often disabiling symptoms among many people who were infected in early fully work

Respondents to glo systems after infec

- Coronavirus-la
- See all our coror



Second Opinion :: BIG IDEAS ON GLOBAL CHALLENGES

ing the coronavirus since the pandemic began with understand long COVID. Next we can fight it

The condition of long COVID, also known as post-acute sequelae of SARS CoV-2 infection, is rife with mysteries. While its incidence among adults who have been infected has been estimated at 5% to 40% a recent study that tracked symptoms before infections and compared participants to controls has given us one of the best snanshots to date. It indicated that I in 8 people who have had COVID expeience prelonged symptoms over namy months.

rariants, the incidence may be lower, but even if it were half as many (6% of adults who have been infected), and we assume twothirds of adults have had COVID. that would equate to more than 10 million Americans who have endured persistent symptoms that interfere with their daily life activities, frequently impairing their ability to return to work.

One of the mysteries: As opposed to those most likely to get severe COVID, the vast majority of people affected by long COVID are younger (30 to 50 years old) and previously healthy. The typical symptoms include marked fatigue, exercise intolerance, difficulty breathing, brain fog, muscle pain and weakness, chest pain, headaches and fast heart rate. While the ist of troubling symptoms is long. he number of proven theraples is ery short - zero.

The first step for identifying candidate therapies is to demystify the biology of long COVID. A better understanding of its basis bas come from recent studies that zoom in on an immune response that has gone haywire. That can include antibodies attacking the body's own proteins; persistent antibodies to the virus' spike protein. indicating a reservoir of infection triggering a response; exhausted T-cells; and markers of reactivation of prior virus infections in the herpes virus family (Bostein-Barr

and varicella-zoster). A combined team from Vale and Mount Sinai used artificial intelligence to determine what, of so many factors, may be of central importance in determining whether a COVID patient develops lingering symptoms. There was a singular

aimed to address symptoms in the This hormone, produced by the body instead of root causes in the adrenal gland in response to stress. has diverse functions. When it is

therapy has helped the Tarzana teen to raise his spirits and structure his time.

a particularly intriguing finding.

below healthy levels, as has also

been found in chronic fatigue syn-

mally a dip in cortisol would trigger

the brain to tell the pituitary gland

to increase its output of adrenocor-

tleetropic hormone. However, in

the new report. ACTH levels were

quite low, indicating that the prob-

localized to the brain. Perhaps that

helps explain why preliminary

studies of giving sterolds to people

AMI KORN, 14, has suffered from brain fog and memory trouble because of long COVID. Equine

Some people with long COVID have a marked increase in heart. rate and lightheadedness (and drome, it could be tied to some of near fainting) when standing from the symptoms of long COVID. Norreclining position. This is thought to stem from dysfunction. of the autonomic nervous system. and raises the possibility that inflammation of the nervous system. in or outside the brain, might be a unifying underplinning of long lem is not at the adrenal gland, but

While these studies have helped illuminate potential biomarkers. we still do not have one that has with long COVID have not shown been validated in large numbers of

essential to provide an objective measure. Large studies will also be needed to determine effectiveness of treatments inspired by these

MODEL & Charge, per the THESE

We are very late in the process of ing randomized clinical trials to find a treatment that relieves symptoms or provides full resolution. There are more than 25 trials that have been launched with many different types of drugs or supplements, but all of them are quite small. The trials have generally not been partitioned by the cluster of patient symptoms, such as those with lightheadedness or people who are predominantly suffering from difficulty breathing driver - low cortisol in the blood - any benefit. The steroids have people with long COVID, which is and brain fog. With so many mil-

lions of people impaired, the need for accelerating clinical trials with promising immune-system modulating or virus-inactivating agents is beyond urgent

The "long" in long COVID has not been emphasized enough. A new report from more than 125 million people with COVID showed an increased risk of developing brain fog, dementia, seizures and psychosis over two years. Similarly, follow-up at one year or longer has shown an increased risk of heart and blood vessel diseases. diabetes, clotting disorders, and lung and kidney damage, even among people who had only mild to moderate COVID and were not hospitalized. Such risk appears to be cumulatively increased with reinfections, including infections that break through vaccinations.

While we await a validated blomarker and effective treat ments, what can we do about long COVID? First off, we can drop the skepticism and denial Long it linger for months COVID is real, and it takes a real toll. In the latest study, which followed patients and controls for an average of 400 days, there is a very close tracking of self-reported symptoms with objective markers - in fact 94%

The recent relaxation of mitigation measures by the Centers for Disease Control and Prevention is premature, at a time when COVID nospitalizations are at a plateau for adults at more than 40,000, four times what they were in April, and still rising for children Fortunately, children are at very low risk for long COVID, but the rare cases are linked with a doubling of some serious sequelae such as cardiovascular events.

For all ages, vaccination and poster rates in the U.S. are very low, even though it has been shown that vaccination helps minimize the chance of developing long COVID. Right now, our best chance to prevent long COVID is to not get COVID or to avoid getting it again. That's why it's vital to stay COVID-cautious now, and not eapitulate to the notion that we should "live with COVID."

Too many people are indeed liv ing with chronic COVID, detracting from their daily lives. As we eventually emerge from this pandemic, long COVID will be the enduring, major public health complication that we falled to address In a timely and aggressive manner. It's not too late to invest in understanding and compating it

Exic J. Topol is a professor of molecular medicine at Scripps Research and author of the

Haul'

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The bias beneath drug dev

Natalie Grover and Ian Sample

Tue 5 Jan 2021 06.00 GMT







Questions, questions and no answers yet?



- What is Long COVID?
- Who is at risk?
- Causes of Long COVID?
- Comparison to other infections?
- What`s about fatigue?
- What about organic diseases?
- Return to work?
- Treatment of Long COVID?
- State-of-the art of rehabilitation?

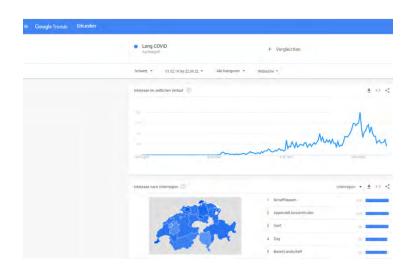


Social media hyped?

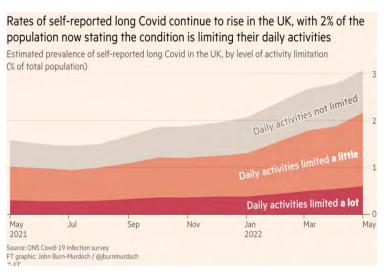
Synonyms

- Chronic COVID syndrome;
- Late sequelae of COVID-19;
- Long COVID;
- Long haul COVID;
- Long-term COVID-19;
- Post COVID syndrome;
- Post-acute COVID-19
- Short-term and long-term persistent post-acute sequelae of COVID-19 (PASC)

Google Trend (Switzerland)



Long COVID – self reported in UK



Proposal of a definition by WHO International Classification of Diseases (ICD) – ICD-10 U09





A clinical case definition of post COVID-19 condition by a Delphi consensus

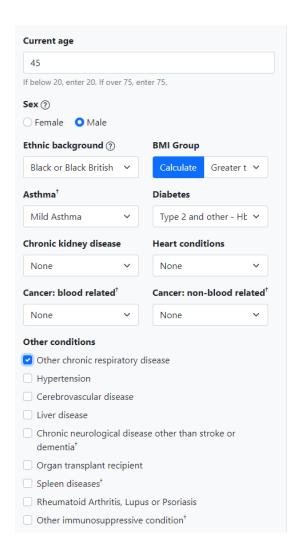
Source: https://apps.who.int/iris/bitstream/handle/10665/345824/WHO-2019-nCoV-Post-COVID-19-condition-Clinical-case-definition-2021.1-eng.pdf

6 October 2021



- Individuals with a history of probable or confirmed SARS-CoV-2 infection, usually 3 months from the onset of COVID-19 with symptoms that last for at least 2 months and
- cannot be explained by an alternative diagnosis.
- Common symptoms include fatigue, shortness of breath, cognitive dysfunction but also others
- which generally have an impact on everyday functioning.
- Symptoms may be new onset, following initial recovery from an acute COVID19 episode, or persist from the initial illness.
- Symptoms may also fluctuate or relapse over time





Your Covid-age:

45 + 57 = 85 +

In the absence of vaccination or previous infection, the probability that infection would be fatal is estimated to lie between 0.04 per 1000 and 0.1 per 1000

For Covid-ages less than 20, the risk of fatality may be even lower than indicated

Group	Variable	Modifier Information
Ethnicity	Black	7
ВМІ	Greater than 40	16
Asthma	Mild	1
Diabetes	Type 2 and other HbA1c greater than 58 mmol/mol in past year	20
Other	Other chronic respiratory disease	13
	Total	57

Information

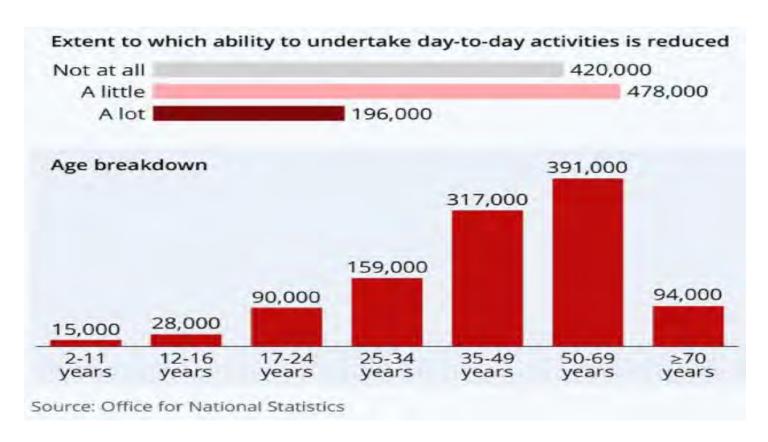
Estimates of personal vulnerability from the Covid-age

Source: https://alama.org.uk/covid-19-medical-risk-assessment/

Who suffers form Long COVID?

Unvaccinated and vaccinated – the more reinfections the likelier





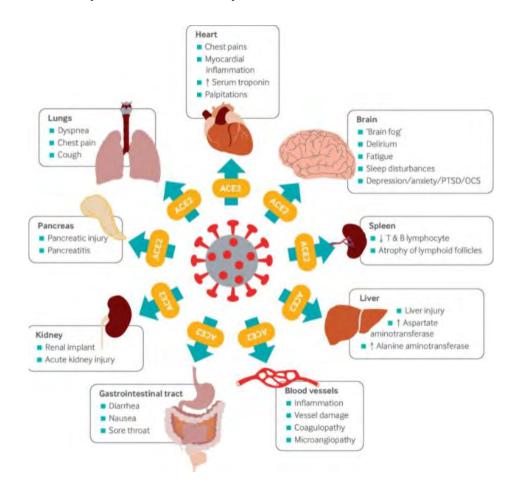
Still under investigation

- ICU >> hospitalized >> mild or asymptomatic COVID-19
- Being of older age
- Women > men
- Pre-existing chronic diseases
- Multiple SARS-CoV-2 infections
- Being vaccinated

Source: https://www.statista.com/topics/6112/coronavirus-covid-19-in-the-uk/

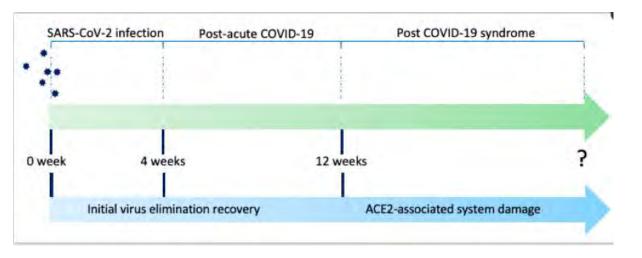
Understanding Long Covid – a medical challenge

Most plausible explanations



Source: BMJ 2021;374:n1648 and https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8394513/

- ? **Persistent virus**, e.g. viral RNA in the stool, urine, blood plasma and autopsies
- ? Lingering tiny **blood clots**, e.g. lung, brain, vessels
- ? Haywire immune system; e.g. dozens of immune markers (exhausted T-cells, auto-antibodies)



Persistence of somatic symptoms after COVID-19



- Multidisciplinary, prospective, Dutch populationbased, observational cohort study
- Control-group: compared as to symptoms (severity) also prior SARS-CoV-2 infection!
- Pre-Omicron: btw. March 31, 2020 Aug 2, 2021
- 24 repeated measurements (questionnaires)
- Follow-up 90–150 days
- 12.7% or 1 in 8 people
- No assessment of neuropsychiatric symptoms!
- ≥ 1 core symptom(s) (3-5 months):21.4% Covid group vs. 8.7% control group

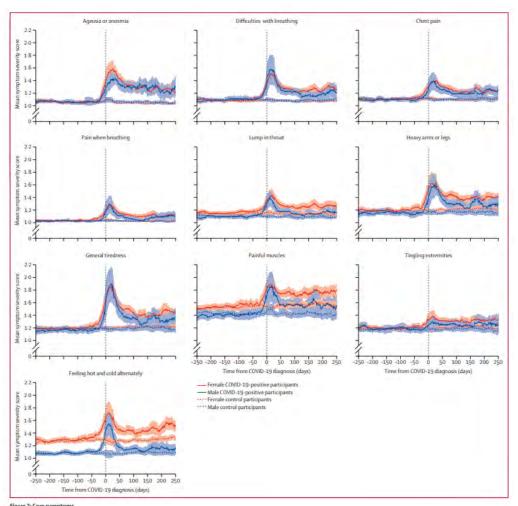


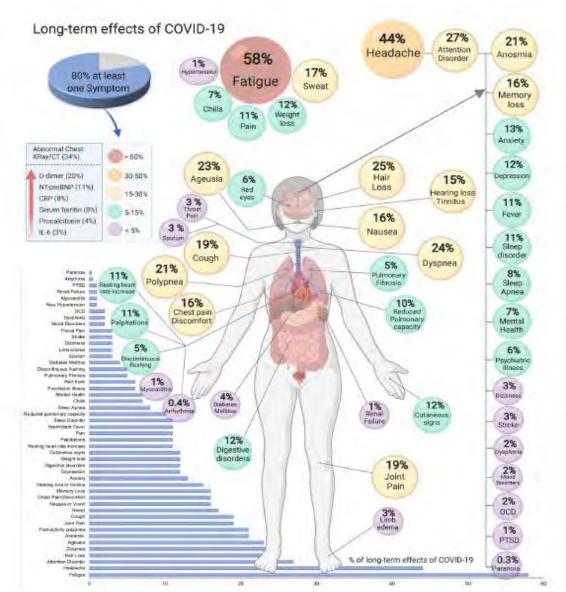
Figure 2: Core symptoms

Source: https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(22)01214-4/fulltext

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Long COVID – a diagnostic chameleon!

> 200 various symptoms reported

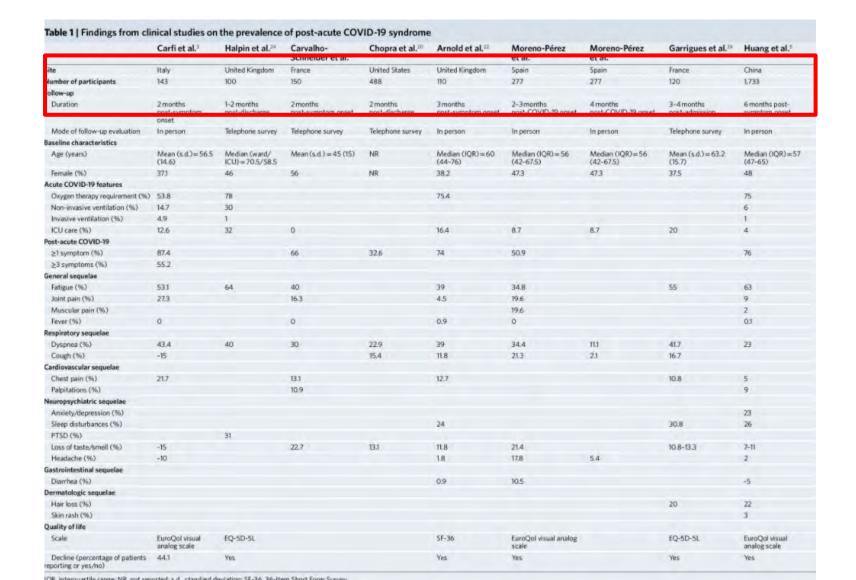


- Many unspecific symptoms
- Many subjective assessed
- Strong fluctuations
- No routine lab, no routine imaging
- Few organ specific

Source:: https://doi.org/10.1101/2021.01.27.21250617

Long COVID and evidence?

A clear dilemma: most limited and only small cohorts with short f-up



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Database with published

Long COVID studies

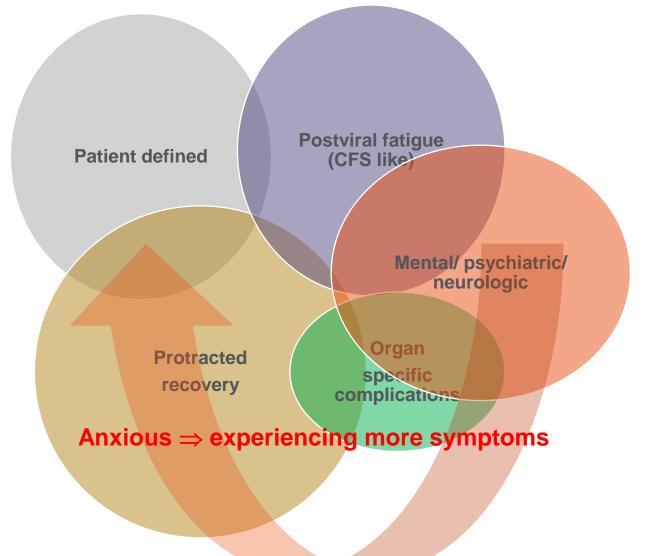
- Date
- Organ
- Country
- Sample
- Patient group
- Age, gender
- Preexisting diseases
- Follow-up
- Proportion of COVID severities

Source: https://www.nature.com/articles/s41591-021-01283-z.pdf

Long COVID or several Long COVIDs?

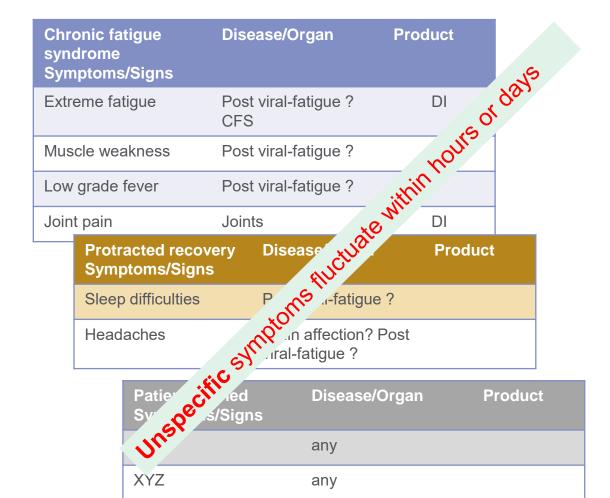
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Synopsis of many studies (own hypothesis)



Main features of Long-COVID

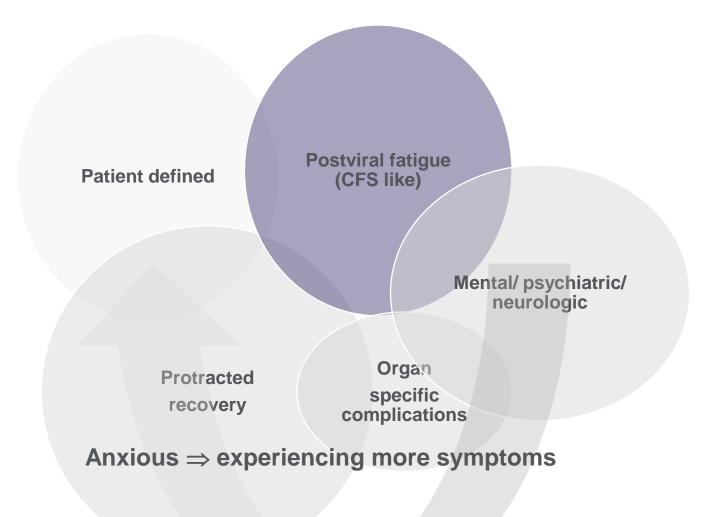
No clear biochemical or imaging features exist to aid diagnosis



Organ specific Symptoms/Signs	Disease/Organ	Product	
Renal function tests	Kidney dysfunction	Life, CI, DI	
Liver function rests	Liver dysfunction	Life, Co	
New onset of diabetes	Diabetes	with ",	
New onset of hypertension	Hypertension Lung affection → I of signature fibrosis? Heart affection	∟ife, CI, DI	
Shortness of breath,cough	Lung affection → I fibrosis?	Life, CI, DI	
Chest pains, palpitations	Heart affection, Chronic heart fr	Life, CI, DI	

Mental/Neuro/Psychial Symptoms/Signal	Disease/Organ	Product
Cognitive dysi	Brain affection? "Brain fog" → Dementia	DI, LTC
Changes in mood	Brain affection?	DI





What previous pandemic tell us

Acute infectious diseases self-limiting events: resolution of symptoms or death?



Throughout recorded history, there have been at least 15 large pandemic events with at least 100,000 deaths.

Event	Start	End	Deaths
Black Death	1331	1353	75,000,000
Italian Plague	1623	1632	280,000
Great Plague of Seville	1647	1652	2,000,000
Great Plague of London	1665	1666	100,000
Great Plague of Marseille	1720	1722	100,000
First Cholera Pandemic	1816	1826	100,000
Second Cholera Pandemic	1829	1851	100,000
Russia Cholera Pandemic	1852	1860	1,000,000
Global Flu Pandemic	1889	1890	1,000,000
Sixth Cholera Pandemic	1899	1923	800,000
Encephalitis Lethargica Pandemic	1915	1926	1,500,000
Spanish Flu	1918	1920	100,000,000
Asian Flu	1957	1958	2,000,000
Hong Kong Flu	1968	1969	1,000,000
H1N1 Pandemic	2009	2010	203,000

Sources: Alfani and Murphy (2017); Taleb and Cirillo (2020); and https://en.wikipedia.org/wiki/List_of_epidemics and references therein.



Source: Wikipedia



Other **post-pandemic syndromes**:

- 1. Influenza **1892**: Neurasthenia, "grippe catalepsy" https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)32134-6/fulltext
- 2. Influenza 1918: «Encephalitis lethargica" ⇒ Parkinsonism https://pubmed.ncbi.nlm.nih.gov/18569452/
- 3. SARS-Co-V-1 **2003**: 10-20% still had chronic fatigue syndrome 12 years after

https://jamanetwork.com/journals/jamainternalmedicine/fullarticle/415378 and https://www.nature.com/articles/s41591-022-01810-6.pdf

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Unexplained post-acute infection syndromes (PAIS)

What we know from non-SARS-CoV-2 infection

PAISs associated with infections

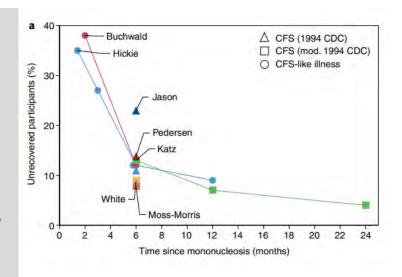
Pathogen	Name of PAIS
Viral pathogens	
SARS-CoV-2	Post-acute sequelae of SARS-CoV-2 infection (PASC) Post-acute COVID-19 syndrome (PACS) Long COVID
Ebola	Post-Ebola syndrome (PES) Post-Ebola virus disease syndrome (PEVDS)
Dengue	Post-dengue fatigue syndrome (PDFS)
Polio	Post-polio syndrome (PPS)
SARS	Post-SARS syndrome (PSS)
Chikungunya	Post-chikungunya chronic inflammatory rheumatism (pCHIK-CIR) Post-chikungunya disease
EBV	No name
West Nile virus	No name
Ross River virus ^a	No name
Coxsackie B ^a	No name
H1N1/09 influenzaab	No name
VZVa,b	No name
Non-viral pathogens	
Coxiella burnetii	Q fever fatigue syndrome (QFS)
Borrelia ^c	Post-treatment Lyme disease syndrome (PTLDS)
Giardia lambliaa,d	No name

^aLimited or very limited evidence base. ^aAssociation with increased use of ME/CFS diagnosis in health registry. ^aContradicting or unclear evidence base. ^aSupporting evidence derives from a single outbreak in Norway.

Common features

- 75% of ME/CFS cases infection-like episode preceding the onset
- Complex clinical neurological + immunological symptoms together with chronic fatigue
- Un-/misdiagnosed, disbelieved
- Core symptoms: lingering debilitating fatigue, post-exertional malaise, cognitive dysfunction
- ⇒No diagnostic laboratory test how to objectify?
- Unknown therapy/prevention
- Prolonged illness up to 15–40 yrs (Postpolio)
- Shortage of prospective, well-powered studies with long-term follow-up examinations

Follow-up s after infectious mononucleosis

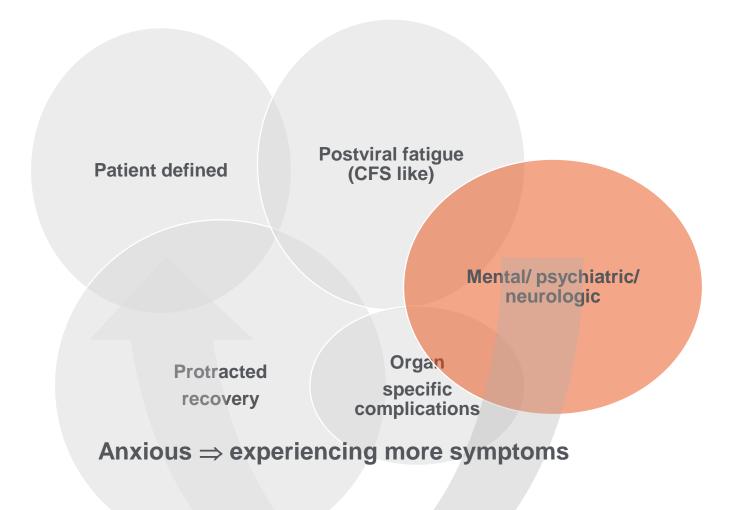


Source: Nature Medicine | VOL 28 | May 2022 | 911–923

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Long COVID: here CNS



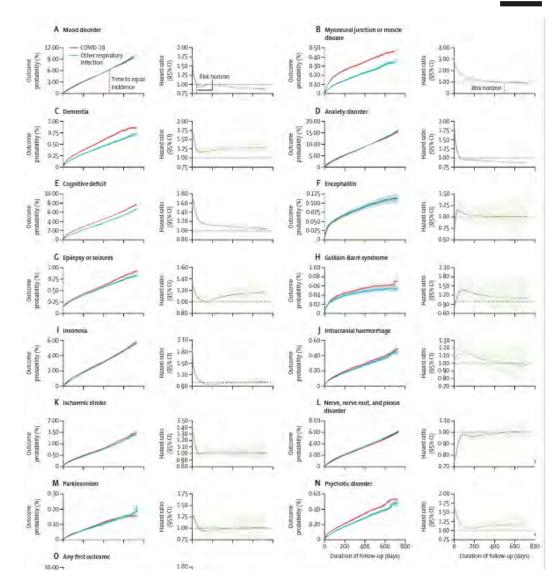


Mental & neuropsychiatric symptoms 2 years after

Most recent study with the longest follow-up

Study design:

- Analysis EHRs of 89 million patients
- USA mostly, but also Australia, the UK, Spain, Bulgaria, India, Malaysia, Taiwan
- Compilation of a 2-year retrospective cohort studies matched
 - with patients with any other respiratory infection
 - Various cohort along 3 waves (alpha, delta, omicron variants)
- n = 1.25 million COVID-19 patients (∅ age 42.5) vs. cohort of patients with any other respiratory infection
- Jan 20, 2020 to April 13, 2022
- Investigation of 14 different neurological and psychiatric sequelae of COVID-19



Most recent study with the longest follow-up

- Neuropsychiatric: cognitive deficits, dementia, psychotic disorders, epilepsies remained elevated
 - part. ages 65+ years
- Mental: mood and anxiety disorders subsided after 1 to pre-pandemic levels (9.5% vs. 8.9%)
- Excess risk dropped within 2-3 months
- No overall excess over the 2 years
- Neuropsychiatric outcomes similar during delta and omicron outcomes (> alpha)

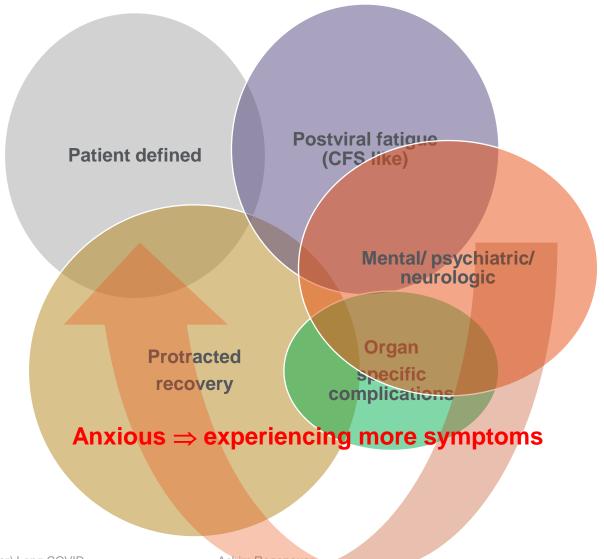
Children Adults Older adults COVID-19 Other respiratory infections Dead at 2 years Dead at 2 years Alive at 2 years Alive at 2 years 19-7% (NR) 29-2% (6-0%) 31-2% (34-1%) Any first outcome diagnosis 21-1% (NR) 29-1% (7-3%) 10-8% (NR) 18-2% (4-2%) 11.7% (17.8%) Anxiety disorder 137% (NR) 18-8% (6-4%) 11-6% (17-7%) 6-4% (NR) 11-6% (6-7%) 9.5% (28-2%) Mood disorder 6-8% (NR) 11.5% (7.0%) 8.9% (23.1%) 0-41% (NR) 6-8% (3-1%) 8.0% (17.8%) Nerve, nerve root, and plexus disorder 0-27% (NR 6.9% (2.7%) 7.9% (12.1%) 6-4% (16-7%) 15-4% (61-0%) 3-9% (NR) Cognitive deficit 5-5% (27-1%) 5-0% (NR) 12-3% (60-3%) 30 100 30 100 Incidence (%) Incidence (%) Incidence (%) 1-6% (NR) 6-1% (6-4%) 7-1% (11-2%) Insomnia 1.5% (NR) 5.9% (6.8%) 6-8% (9-3%) 2.6% (NR) 1.8% (19.1%) 2.0% (83.1%) Epilepsy or seizures 1-3% (NR) 1.4% (44.7%) 1.8% (73.9%) 0-11% (NR) 1-1% (22-7%) 4-1% (47-0%) Ischaemic stroke 0-1% (NR) 1.2% (29.4%) 3-8% (53-5%) 0-12% (NR) 0.39% (32.5%) 1.1% (55-2%) Intracranial haemorrhage 0-091% (NR) 0.35% (53.0%) 1.2% (65.3%) 0-013% (NR) 0.2% (28.3%) 4.5% (71.0%) Dementia <0.01% (NR) 0.22% (33.5%) 3.3% (81.2%) 7.5 100 Incidence (%) Incidence (%) Incidence (%) 0-18% (NR) 0-51% (NR) 0.85% (59-6%) Psychotic disorder 0-063% (NR) 0.57% (NR) 0.6% (72.7%) 0-11% (NR) 0-44% (NR) 0.79% (17-6%) Myoneural junction or muscle disease 0-32% (NR) 0-057% (NR) 0.84% (34.0%) 0-076% (NR) 0-11% (NR) 0.14% (100%) Encephalitis 0-051% (NR) 0-12% (NR) 0.14% (87-0%) <0.01% (NR) 0-061% (NR) 0.23% (32.1%) Guillain-Barré syndrome 0-015% (NR) 0-052% (NR) 0.099% (100%) <0.01% (NR) 0.059% (NR) 0.71% (85-2%) Parkinsonisn <0.01% (NR) 0-19% (NR) 0.8% (51.5%) 0.8 Incidence (%) Incidence (%) Incidence (%)

No tsunami on the horizon

Long COVID: here how often? How long?

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First "long" trial: for some, it may take years, not months



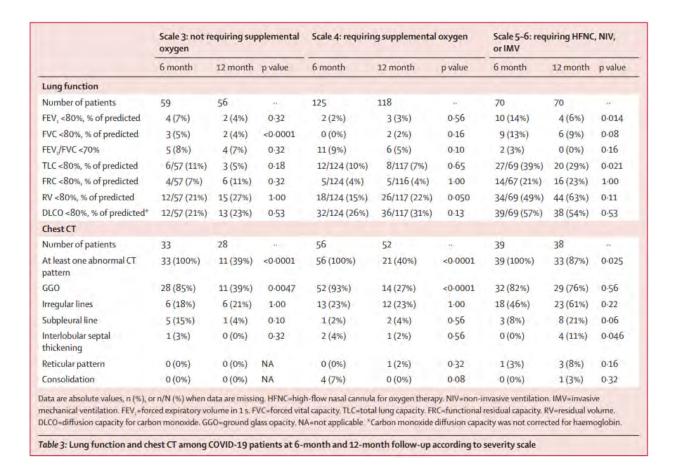
- Longitudinal cohort of hospitalised adult survivors of COVID-19
 - 70% Oxygen
 - 4% ICU n=
- 1,276 single-center study from Wuhan
- Time: January-May 2020 ("first cases")
- Follow-up: 6 months + 12 months
- Ø age 59 years
- Questionnaires on symptoms and examinations (subgroup)

6 months after - primary outcomes symptoms				
68%	≥ 1 symptom	Fatigue > muscle weakness > sleep		
30%	Dyspnea	Assessed by mMRC (Modified Medical Research Council)		
23%	Anxiety or depression	questionnaires on health- related quality of life		

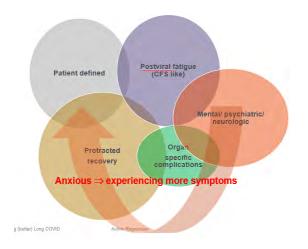
12 mor	12 months after - primary outcomes symptoms				
49%	≥ 1 symptom	Fatigue > muscle weakness > sleep…			
26%	Dyspnea	Assessed by mMRC (Modified Medical Research Council)			
26%	Anxiety or depression	questionnaires on health- related quality of life			
12%	not yet returned to original work				

Wuhan study: How Long Exactly Is Long COVID?

Secondary outcomes: Lung function + chest CT pattern



- 349 patients with pulmonary function test (stratified disproportional random sampling)
- Lung diffusion impairment w/o improvement?
 - 20–30% of moderately ill patients
 - > 54% in critically ill patients
- Lung structural abnormality associated with lung diffusion impairment



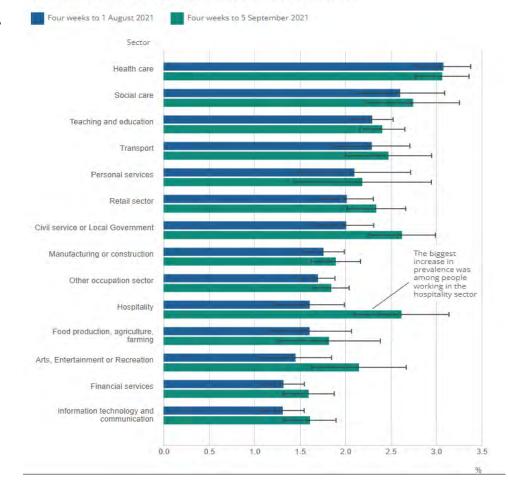
Source: https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(21)01755-4/fulltext

The largest: Coronavirus Infection Survey (CIS)

Last updated: 1 June 2022 -Based on self-classification

- Ongoing, large UK survey studies: population & community, swabs, antibodies, symptoms, vaccinated etc.
- Long COVID: ≈ 2.0 million (3.1% of population): Wuhan 30%, Alpha 12%, Delta 21%, Omicron 31%
- Of reported CIS: 826,000 > 1 year, 376,000 > 2 years
- Fatigue (55%), shortness of breath (32%), cough (23%), muscle ache (23%)
- More common among
 - Aged 35 to 69 years
 - Women
 - Deprived areas
 - Health or social care workers
 - with health condition or disability
- 20% reported ability day-to-day activities had been "limited a lot"

Estimated percentage of people living in private households with selfreported long COVID of any duration, stratified by employment sector, UK: four-week periods ending 1 August 2021 and 5 September 2021



Source: Office for National

Statistics - Coronavirus

Infection Survey

Risk of long COVID associated with delta versus omicron variants

Long covid risk with omicron may be half that of delta

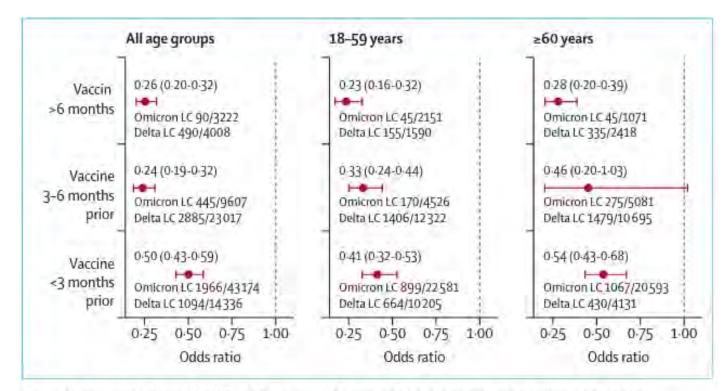


Figure: Odds ratio of long COVID (LC) adjusted by age, sex, body-mass index, Index of Multiple Deprivation, presence of comorbidities, and vaccination status

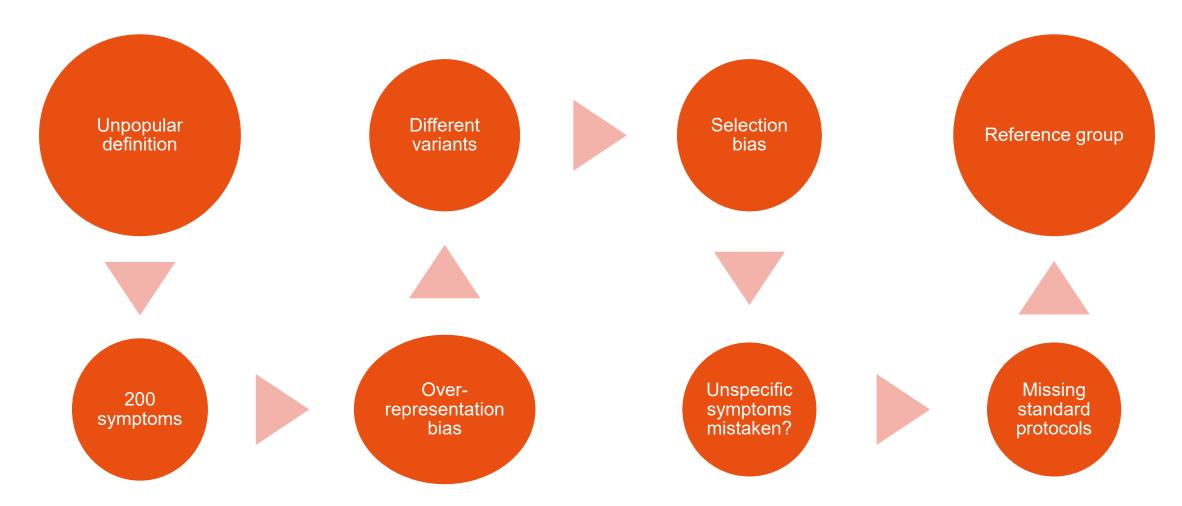
- Case-control observational study
- 56 003 UK adults Dec 2021 to March 2022
- Omicron cases 4.5% had long COVID
- Delta cases: 10.8% had long COVID
- Odds
 ↓ of long COVID with omicron variant vs. delta variant of 0.24–0.50 depending on age and time since vaccination
- Insufficient data to estimate
 - Long COVID in unvaccinated individuals
 - Longer durations of long COVID (eg, >12 weeks)

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How common is long COVID? Estimates of its prevalence can range from 5–50%....

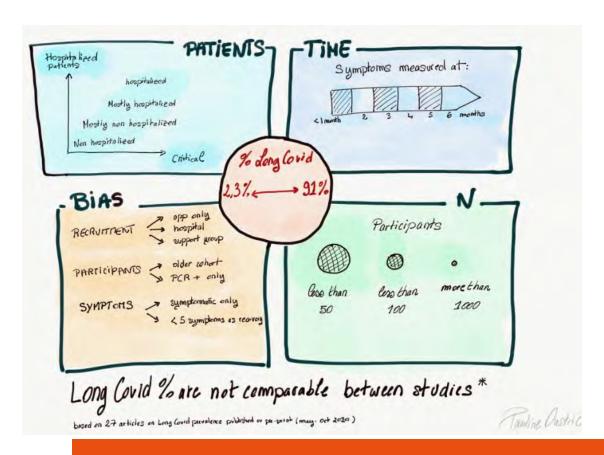
.....depends on how you measure it

26



How frequent is Long COVID?

Well it depends, but not neglegible





Longitudinal studies with control cohorts (RECOVER; PHOSP-COVID) will tell us more

Medical treatment of Long COVID?



- 26 different randomized trials
- Potpourri of steroids, other anti-inflammatory agents, cell-based therapies, anti-clotting drugs, dietary supplements
- Currently no therapies for Long Covid that have been validated
- Covid is a mosaic but no cluster specific approach by now

28 August 31, 2022



A challenge for disability claim managers and occupational health

- Identify and treat what is treatable as early as is feasible (30) days)
- Wide variety of **rehabilitation programmes** (6-8 weeks)
- Multimodal: Bio-psycho-social
- Clinical therapy specialised to e.g cardiology, respiratory, neurology, gastroenterology etc
- Case managed rehabilitation and vocational rehabilitation

But

- **Mental health service** access already difficult pre-pandemic?
- **Job Loss**, significant financial stress, subsequent recession?

Physical capacity

Social functioning

Menta

Slow phased return or alternative work

August 31, 2022 29

(Long) COVID recovery

What we currently know

- Physical, mental and cognitive symptoms quite common
- New symptoms after asymptomatic infection: unknown
- Persistent symptoms are unlikely to worsen
- May even improve following vaccination

- Longer recovery course depends upon
 - premorbid risk factors
 - severity of the acute COVID-19
 - spectrum of symptoms
 - patients with medical complications
 - older patients
 - Pats with prolonged stay in hospital or ICU

Type, proportion, and duration of persistent COVID-19 symptoms*

Persistent symptom¶	Proportion of patients affected by symptom	Approximate time to symptom resolution ^Δ
ommon physical symptoms		-15
Fatigue	15 to 87%[1,2,6,9,14,16]	3 months or longer
Dyspnea	10 to 71%[1,2,6-9,14]	2 to 3 months or longer
Chest discomfort	12 to 44% ^[1,2]	2 to 3 months
Cough	17 to 34%[1,2,9,12]	2 to 3 months or longer
Anosmia	10 to 13%[1,3-5,9,11]	1 month, rarely longer
ess common physical sympton	ns	
Joint pain, headache, sicca syndrome, rhinitis, dysgeusia, poor appetite, dizziness, vertigo, myalgias, insomnia, alopecia, sweating, and diarrhea	<10%[1,2,8,9,11]	Unknown (likely weeks to months)

Source: Uptodate

- Data examining the outcome of rehabilitation utmost limited
- Optimal timing of follow-up evaluation unknown
- 10-20 % require rehospitalization within 30- 60 days

Affinity/Pressure groups Long COVID

Suchen

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Example Switzerland and Germany

Bitte nur ein Schlagwort eingeben



Was ist Selbsthilfe?

Aktuell

Selbsthilfegruppe finden



Suche nach Selbsthilfeangeboten

Themenliste Nicht sicher, nach was Sie genau suchen? Werfen Sie einen Blick auf unsere Themenliste. Selbsthilfeorganisationen Zu vielen Themen existieren Selbsthilfeorganisationen, die Betroffene und Angehörige unterstützen. Damit eine Selbsthilfeorganisation auf dieser Seite aufgenommen wird müssen bestimmte Kriterien erfüllt sein. Weitere informationen dazu sowie eine vollständige Liste finden Sie hier.

KONTAKT INTRANET DEUTSCH V

Über uns

In Ihrer Region



Ort	Thema	Beschreibung	Weitere Informationen
München	Long-Covid-Erkrankte	"Post-Covid-Erkrankte – Selbsthilfegruppe zur Bearbeitung der Folgen einer Corona- Erkrankung" Gruppe in Gründung	Selbsthilfezentrum München: https://www.shz- muenchen.de/gruppeninitiativen/marktplatz
München	Trauer, Angehörige von an Covid-19-Verstorbener	Trauernde Angehörige von an Covid-19 Verstorbene	Selbsthilfezentrum München: https://www.shz-muenchen.de/
München	einsame Menschen	Selbsthilfe im Lockdown und für Betroffene von Kontaktbeschränkungen	Selbsthilfezentrum München: https://www.shz-muenchen.de/
München	Angehörige von Verschwörungsgläubigen	Selbsthilfegruppe für Angehörige von Coronaleugnern, Coronaverharmlosern, Verschwörungstheoretikern	Selbsthilfezentrum München: https://www.shz-muenchen.de/
Neu-Ulm/Ulm	Long-Covid-Erkrankte	Gruppe in Gründung	KORN Ulm (auch für Neu-Ulm= Bayern): https://www.selbsthilfebuero-korn.de
Nürnberg	Angehörige von Verschwörungsgläubigen	Verquere Welten (Angehörige von Corona- Leugnern) Gruppe in Gründung	KISS Nürnberg: https://kiss-mfr.de
Nürnberger Land	Long-Covid-Erkrankte	"Long Covid, genesen, aber mit Spätfolgen" bestehende Onlinegruppe	KISS Nürnberger Land: https://kiss-mfr.de/kontaktstelle-nuernberger-land/
Regensburg, Oberpfalz	Long-Covid-Erkrankte	4 bestehende Gruppen	KISS Regensburg: https://www.kiss-regensburg.de/
Schwabach	Long-Covid-Erkrankte	bestehende Gruppe	KISS Roth-Schwabach: https://kiss-mfr.de/neue-selbsthilfegruppen/
Traunstein	Long-Covid-Erkrankte	bestehende Gruppe	Selbsthilfezentrum Traunstein: https://selbsthilfe-traunstein.de/
Weiden / Nordoberpfalz	Trauer, Angehörige von Covid-19-Verstorbenen	Einzelperson gibt Auskunft	Selbsthilfekontaktstelle Nordoberpfalz: https://seko-nopf.de/index.htm
Weilheim	Long-Covid-Erkrankte	bestehende Gruppe	Selbsthilfebūro Landkreis Weilheim-Schongau: https://www.weilheim- schongau.de/landkreis/gesundheit-im- landkreis/gesundheitsamt/selbsthilfebuero/

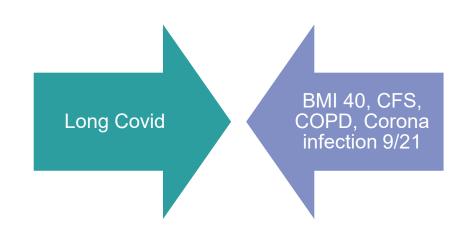
https://www.selbsthilfeschweiz.ch/shch/de/aktuell/virtuelle-selbsthilfe.html https://www.nakos.de/aktuelles/corona/

"But there aren't that many Long COVID claims"



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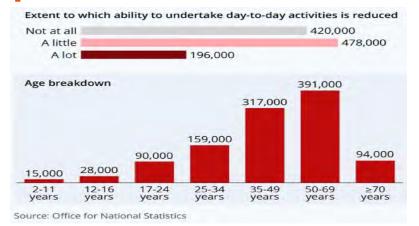
- Unspecific symptoms no diagnosis yet
- Scarcity of multidisciplinary centres
- Claims management affected
- Healthcare system delayed treatments
- Era of uncertainty
- Socio-economic classes
- Delayed return to offices
- Economic recession
- Claims presented with non-COVID diagnoses but SARS-CoV-2 +

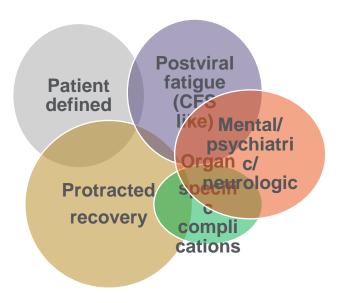


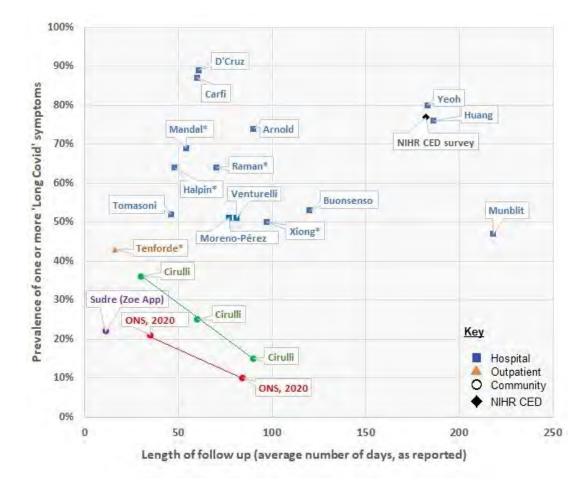
Wrap up

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EPOC	A - Erfassungsbogen für Post-Covid	Preimi	17.03.2022		
Teil 1:	Demographische und Klinische Hinterg	grundinformation	en		
	herungsnummer:				
Name					
1.A.	Demographie				
	Alter				
	Geschlecht				
	Grösse / Gewicht				
	Höchste abgeschlossene Ausbildung				
	Muttersprache				
	Zivilstand				
1.B.	Gesundheitszustand vor der akuten Covid-19 Erkrankung				
		Ja	Nein		
	Krebs	0	0		
	Chronische Herzkrankheit	0	0		
	Chronische Nierenkrankheit	0	0		
	Chronische Leberkrankheit	0	0		
	Asthma	0 O 2	/n ⊖ ⊕ B B C ♥		

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