

# Webinar 1 ME/CFS & long COVID: An evidencebased guide for General Practitioners

## Assessment and Diagnosis

Dr Mark Donohoe



RACGP
CPD Approved Activity

Proudly supported by the John James Foundation.



# Acknowledgement of Country

Emerge Australia acknowledges Aboriginal and Torres Strait Islander people as the Traditional Custodians of the land on which we operate.

We pay our respect to the ongoing living cultures of Aboriginal peoples, and to Elders past and present and emerging.

# emerge Housekeeping

- 60 minutes for presentation
- 20 minutes for questions
- If you wish to put questions in the chat thread, please do so at any time We will ask them during question time
- Webinars are recorded. Cameras and mics have been muted
- RACGP members will have their CPD uploaded within a week
- ME/CFS and long COVID aware GP directory



## Learning outcomes

- 1. Understand the terms ME/CFS, PASC & long COVID
- 2. Explore presenting signs and symptoms including ordering appropriate investigations
- 3. Apply diagnostic criteria to patient data, to positively identify a case of ME/CFS or long COVID
- 4. Communicate findings from history, physical examination and investigations to a patient and their carers



An important consideration is that ME/CFS and long COVID are not simple single diseases. They are multi-organ and multiple contribution illnesses that sometimes require detective work to see why the person has become sick and persisted with their illness over time.

## Commonly, there are:

- Multiple contributions, predispositions and triggers
- Unique history and findings

This can challenge our normal medical diagnostic paradigm

# • Neither is a simple disease

- Consensus emerging of multi-system complex illness
- No specialty in Medicine covers the full range
- Falls on GPs and primary healthcare providers
- Identifying causes, contributions and exacerbating factors is important and time-consuming
- Symptom management, ongoing support and care is critical
- Social justice and disability management is important



# There are things you can do

- Illness trajectory is uncertain
- There is no magic treatment

## **BUT**

## You can:

- Support them
- Believe them
- Help them with their symptoms to improve their quality of life
- Identify and care for other conditions as they arise

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## Definitions: ME/CFS

 "ME/CFS is a serious, chronic, complex and multisystem disease that frequently and dramatically limits the activities of affected patients"

(NAM, 2015)

ICD code G93.32
 (CDC, 2024)

## ME/CFS affects:

- 0.4 - 1% of the population but90% undiagnosed

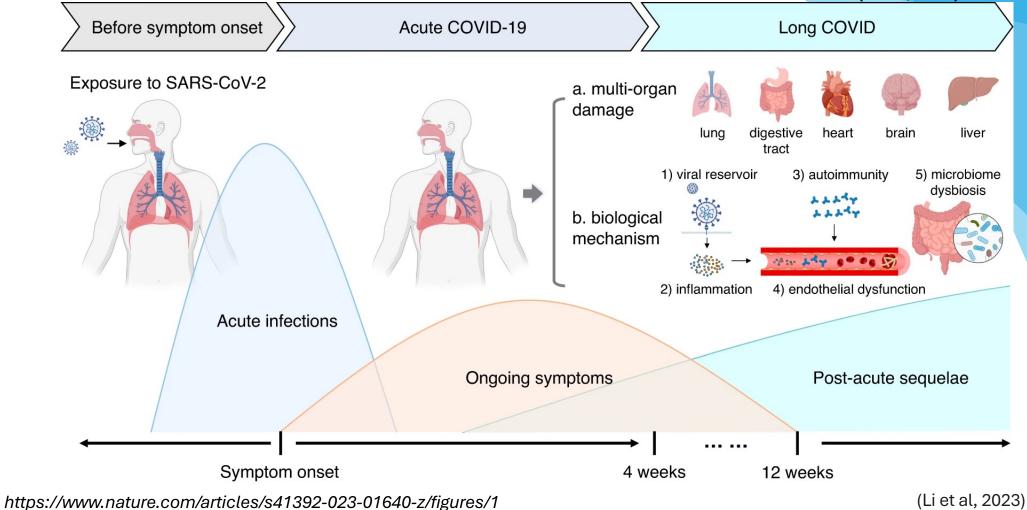
- Low recovery rate overall
- Higher recovery rate in first two years
- 75% women
- Any age
- 45% -50% of people with long COVID
   meet diagnostic criteria for ME/CFS
   (Nam, 2015; Dehlia & Guthridge, 2024;
   Kedor, 2022)



# Definitions: "long COVID"

International Classification of Diseases-10 code: U09.9

(WHO, 2024)



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# What leads to ME/CFS & long COVID?

### **ME/CFS**

- Multiple potential triggers infections, trauma, environmental exposures
- Heritability? More common MZ twins, EDS
- Definable onset: 80%
- Undefinable onset: 20%

## Long COVID?

- Severity of acute infection ICU
- Multiple COVID-19 infections or poor response to vaccination
- Female sex
- ?Age
- Existing conditions (Bateman et al, 2021; Griffin 2023)



# Can we prevent ME/CFS and long COVID?

ME/CFS???

## Long COVID:

- Antivirals
- Vaccination
- Healthy Lifestyle?
- Control of comorbidities
- Careful return to activity post-infection



# emerge I Common factors between ME/CFS & long COVID

## **History**

- typically a definable infection e.g. EBV, mycoplasma, rickettsia, CMV, influenza, COVID-19

## **Timeline**

- incomplete recovery from acute infection OR
- period of full recovery between infection and relapse

## **Shared symptoms**

- fatigue, post-exertional malaise, sleep disorder and lightheadedness on standing or POTS-like symptoms



# Diagnostic Criteria: ME/CFS

National Academy of Medicine Clinical Diagnostic Criteria (NAM, 2015)

Symptoms at least half of the time with moderate, substantial, or severe intensity

Impaired
function in
association with
fatigue/low
stamina > 6
months

## PEM:

Post-exertional malaise (illness gets worse after minimal activity)

Unrefreshing sleep

Cognitive impairment and/or Orthostatic intolerance



# Symptom screen – ME/CFS

### Can be used as:

- Initial symptom screen. Can do one in PEM and one at "baseline"
- Shared decision making
- Long term monitoring



### SYMPTOM SEVERITY AND SEVERITY HIERARCHY PROFILE

Adapted from Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: A Clinical Case Definition and Guidelines for Medical Practitioners. An Overview of the Canadian Consensus Document. Carruthers BM, van de Sande MI.

Name	Date from /	1

#### Instructions:

- 1. Rank your symptoms in order of severity (1 being your most severe symptom) in the left column.
- 2. Rate severity of symptoms by putting a check mark in the appropriate column to the right of symptoms.

Rank	Symptom	Absent (0)	Mild (1)	Moderate (2)	Severe (3)
	Post-exertional fatigue: loss of physical and mental stamina, fatigue made worse by physical exertion				
	Long recovery period from exertion: takes more than 24 hours to recover to pre-exertion activity level				
	Fatigue: persistent, marked fatigue that substantially reduces activity level				
	Sleep disturbance: non-restorative sleep, insomnia, hypersomnia				
	Pain: in muscles, joints, headaches				
	Memory disturbance: poor short term memory				
	Confusion and difficulty concentrating				
	Difficulty retrieving words or saying the wrong word				
	Gastrointestinal disturbance: diarrhoea, IBS				
	Recurrent sore throat			10	
	Recurrent flu-like symptoms				
	Dizziness or weakness upon standing				
	Change in body temperature, erratic body temperature, cold hands and feet				
	Heat/cold intolerance				
	Hot flushes, sweating episodes				
	Marked weight change				
	Breathless with exertion				
	Tender lymph nodes: especially at sides of neck and under arms				
	Sensitive to light, noise, or odours				
	Muscle weakness				
	New sensitivities to food/medications/chemicals				
	Total check marks in column	×0	×1	x2	×
	Column total				

Total score:	Overall symptom severity:	mild,	moderate,	severe
Other symptoms				
Aggravators				
Change in symptoms _				
How good is your slee	o on a scale of 1 to 5? (5 = good resto	orative sleep, 1 = no	sleep)	
How do you feel today	on a scale of 1 to 10? (10 = terrific, 1	= totally bedridden	)	



# They look fine but.....

How they present does not necessarily reflect how they are (Montoya et al, 2021)



(https://www.facebook.com/ whitneydafoe/photos)



(personal communication, with permission)



(personal communication with permission)



# Post-exertional malaise (PEM)

#### **PEM Timecourse**

**Immediate** 

Symptoms after physical activity are the direct result of exceeding the anaerobic threshold. Examples include fatigue, **out of breath**, dizziness and nausea. For healthy individuals, immediate symptoms from exercise stress resolve quickly but for people with ME/CFS they begin to worsen.<sup>7</sup>

**Short-term** 

Lasts 2-4 days and reflects "overdoing activities" that exceed the anaerobic threshold for an extended period or multiple times per day exhausting the ability of the body to supply daily energy needs. 8 Symptoms of short-term PEM include muscle/joint pain, brain fog, headache and sleep disturbance. These symptoms reflect dysfunctional neurological and cardiopulmonary responses. 3

Long-term

Lasts 7 days or more and reflects a sustained immune response consistent with a damaged aerobic energy system. <sup>6, 9</sup> Signs may include weakness, a decrease in function, **flu-like** and cardiopulmonary symptoms. <sup>10, 11</sup>

(Workwell Foundation, 2022. https://workwellfoundation.org/wp-content/uploads/2023/01/WW-PEM-Timecourse.pdf)



# Diagnostic approach: "long COVID"

- Break down into categories
- Be mindful of crossover with ME/CFS
- Identify dysautonomias
  - There are clear management programs here for reducing disability
- Other proposed mechanisms and pathological processes
  - Autoimmune processes "spikeopathy" and molecular mimicry
  - Coinfection (EBV, CMV, HHV6, mycoplasma, rickettsia etc)
  - Persisting SARS-CoV-2 infection (Gut is of interest)
  - Coagulopathy (microclots, vascular issues)
  - Mitochondrial and metabolic dysfunction (muscle, cognition)
  - MCAS



# **ACNEM** diagnostic

tools – Long COVID (in validation)

<b><i>®</i>acnem</b>	Client Data	Entry Form v 5.1 beta		
ID				
Date of Questionnaire	21/07/23	Illness following what?	COVID-19 Infection	
Subject ID (optional)	SX	Date of first symptoms	15/06/22	
Subject Name (optional)	Sally X	Most recent vaccine	Unknown	
Gender (optional)	Female	Duration	57w 2d	
Month/year of Birth	March 1981			
Calculated Age	43	Practitioner Name	Dr Mark Donohoe	
		Practitioner ID	MD007	
CONTACT PREFERENCES				
Yes, you can contact me		Preferred contact method	Email	

#### acnem Long COVID Symptom Checklist v 5.1 beta

#	SYMPTOMS - check for new symptoms If present, check the box in next column. This is only for symptoms arising subsequent to the infection or vaccination causing your current condition	Currently suffering?
1	Fatigue	
2	Shortness of breath	
3	Cognitive dysfunction / Brain fog	
4	Post-exertional malaise	
5	Abnormal movement	
6	Muscle spasms	
7	Cough	
8	Sleep disorder	
9	Tachycardia/heart palpitations	
10	Changes to taste and smell	
11	Headache	
12	Chest pain	
13	Joint pain	
14	Depression	
15	Anxiety	
16	Neuralgia	
17	Dizziness	
18	Fever	
19	Tinnitus	
20	Paraesthesia/Pins and needles	
21	Blurred vision	
22	Abdominal/gastrointestinal	
23	New onset allergy	
24	Thirst	
25	Sexual desire/capacity	
26	Altered menstrual cycle	
27	Hair loss	
28	Sore throat ± tender lymph nodes	
29	Sensory sensitivity (light, sound, touch)	

NOTES
This rapid checklist does not assess severify and impact on life quality. It simply determines the diagnosis of long COVID / Post-acute sequelae of COVID-19 according to three criteria:
The WHO 2021 critaria; The RECOVER consortium 2023 criteria; and The acnem long COMD criteria.
Symptoms are listed in the order described in the WHO diagnostic criteria for "post COVID-19 condition" (PCC), also increm as "Post-acute sequelae of COVID-19" (PASC) and colloquisity as "top (COVID". They are numbered 1 to 24. This list was created in late 2021, before the omicron variants.
The symptoms coloured GREEN (H.1.3.4.5.7.9.10.12.17.22.24.03) are those norminated by the RECOVERT Consortum in the Juncia of the American Medical Association (JAMA), May 2023. This is the current (see all 2022) proposed research definition for PRECY forg COVID. These symptoms are proposed for research classification / scoring, and can be used for their purpose. Data were collected in both pre-criticion and directly purpose. The suppose Call was evidenced in both pre-criticion and directly purpose.
The symptoms coloured BLUE (#26-29) are those additional symptoms identified by acnem clinicians and proposed for classification in addition to the WHO and RECOVER symptom list.
This document is the abbreviated acnem diagnostic checklist for diagnosis by symptom presence. It notes the highest ranked subgroup according to the acnem long COVID conference 2023 as the only additional data for clinicians.
The expanded <b>acrem</b> questionnaire is available and addresses clinical significance, including severity and frequency of the symptoms, disability, and adverse impact on

#### **#**acnem

#### Client Data Entry Form v 5.0 (beta)

Date of Questionnaire		Illness following what?	
Subject ID (optional)		Date of first symptoms	
Subject Name (optional)	١.	Most recent vaccine	
Gender (optional)		Duration	19/07/23
Month/year of Birth			
Calculated Age		Practitioner Name	
		Practitioner ID	
CONTACT PREFERENCES			
Yes, you can contact me		Preferred contact method	Email
I have read the data privacy info		Contact details	

#### acnem Long COVID Symptom Questionnaire v 5.0 (beta)

SEVERITY OF IMPACT quality of life					
Your estimate of impact	•	•	•	•	•
Your practitioner's estimate of impact	•	•	•	•	•
Calculated impact on life quality (calc)	☆	公	☆	☆	☆

#	SYMPTOMS - check if new symptoms If present, check the box in next column, then score severity and frequency of that symptom in the subsequent columns for that symptom. This is only for symptom arising subsequent to the infection or vaccination causing your current condition	Currently suffering?	2m	temild modern tesever every s	/minim dely se e and o	SCO nal effec- were ef disablin disablin e / disa	t fect g		2nat l 3nat	east m least w least o	onthly eakly daily a daily		Weight
1	Fatigue		•	•	•	•	•	٠	•	•	•	•	0.0
2	Shortness of breath		•	٠	٠	•	٠	•	•	٠	•	•	0.0
3	Cognitive dysfunction / Brain fog		•	٠	٠	•	•	•	•	٠	•	•	0.0
4	Post-exertional malaise		•	٠	٠	•	•	•	•	٠	•	•	0.0
5	Abnormal movement		•	٠	٠	•	•	•	•	٠	•	•	0.0
6	Muscle spasms		•	٠	•	•	•	•	•	•	•	•	0.0
7	Cough		•	٠	•	•	•	•	•	•	•	•	0.0
8	Sleep disorder		•	٠	•	•	•	•	•	•	•	•	0.0
9	Tachycardia/heart palpitations		•	٠	•	•	•	•	•	٠	•	•	0.0
10	Changes to taste and smell		•	٠	٠	•	٠	•	•	٠	•	•	0.0
11	Headache		•	٠	٠	•	٠	•	•	٠	•	•	0.0
12	Chest pain		•	٠	٠	•	٠	•	•	٠	•	•	0.0
13	Joint pain		•	•	٠	•	•	•	•	•	•	•	0.0
14	Depression		•	•	•	•	•	•	•	•	•	•	0.0
15	Anxiety		•	•	•	•	٠	•	•	•	•	•	0.0
16	Neuralgia		•	•	•	•	٠	•	•	•	•	•	0.0
17	Dizziness		•	•	٠	•	٠	•	•	•	•	•	0.0
18	Fever		•	•	٠	•	٠	•	•	٠	•	•	0.0
19	Tinnitus			•	٠	•	٠	•	•	•	•	•	0.0
20	Paraesthesia/Pins and needles		•	•	٠	•	٠		•	•	•	•	0.0
21	Blurred vision		•	•	•	•	•	•	•	•	•	•	0.0
22	Abdominal/gastrointestinal symptoms		•	•	•	•	•	•	•	•	•	•	0.0
23	New onset allergy			•	•	•	•	•	•	•	•	•	0.0
24	Thirst			•	•	•	•		•	•	•	•	0.0
25	Sexual desire/capacity			•	•	•	•	•	•	•	•	•	0.0
26	Altered menstruation		•	•	•	•	•	•	•	•	•	•	0.0
27	Hair loss		•	•	•	•	•		•	•	•	•	0.0
28	Sore throat and/or tender lymph nodes								•	•			0.0
29	Sensory sensitivity (light, sound, touch)												0.0

#### NOTES

Symptoms 1 to 24 are listed in the order described in the WHO diagnostic criteria for "post COVID-19 condition" (PCC), also known as "Post-acute sequelae of COVID-

The symptoms coloured GREEN are those reported by the RECOVER Consortium in the Journal of the American Medical Association (JANA), May 2023. This is the currently proposed research definition for Post-acute sequals of COVID-19 (PASC) / Inorg COVID. These symptoms are proposed for research classification / scoring on the used for the turuses. The variable to the turne review and revision and may be of limited clinical value.

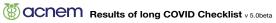
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# Report from ACNEM questionnaire Long COVID

(In validation)



Details			
Date of Checklist	19/07/23	Illness following what?	COVID-19 Infection
Subject Name / ID		Date of first symptoms	01/01/23
Age	43	Most recent vaccine	Unknown
Gender	Female	Duration of symptoms	28w 3d
Practitioner			
Contact details		Date of this report	19/7/2023
Notes			•

RESULTS USING WHO CRITERIA				
Duration of PCP / PASC / long COVID 28w 3d				
Key Symptoms count from WHO list of 24	11			
WHO long COVID diagnosis - RESULT	Long Covid			

This table uses the WHO 2021 case definition of Post COVID-19 Condition (also know.n as Post-acute sequelae of COVID-19 (PASC), and long COVID) for defining cases. It is included as it was the definition proposed by the Australian Parliamentary Inquiry into Long COVID and Repeated COVID Infections (ink below).

The WHO definition does not address issues of severity or frequency of symptoms or provide useful clinical information beyond the confirmation of WHO diagnosis. It was published prior to the emergence of the ornicron SARS-CoV-2 variants. https://www.abp.cou/Engineerics/Business/Com/Intelless/House/Heish/ Aped Care and SportLoopandresseate/COVID

RESULTS USING JAMA / RECOVER CRITERIA			
Duration of long COVID / PASC	28w 3d		
JAMA / RECOVER Score	16		
Fulfils JAMA / RECOVER PASC criteria	Yes		
JAMA / RECOVER PASC subgroup Cluster 3			

This table uses the RECOVER Consortium algorithm and criteria published in the JAMA (link below). It is a proposed research definition for Post-acute sequelae of COVID-19 / long COVID. The paper (dertifies twelve weighted symptoms (PEM, fatigue, brain fog, dizciness, Gi symptoms, palpitations, charges in sexual desire or capacity, loss of or charge in smell or taste, thirst, chronic cough, chest pain, and abnormal movements) to create a score. Any score of 12 or above is used to separate likely long COVID from other causes of the symptoms.

In addition, the paper proposes 4 "clusters" of patient types for research purposes, as well as a . This document is **not** designed to address clinical classification, nor does it address severity or frequency of symptoms

https://jamanetwork.com/journals/jama/fullarticle/2805540

RESULTS USING ACNEM LONG COVID CRITERIA		
Duration of long COVID	28w 3d	
Symptom count (of 29 listed)	11	
Fulfils long COVID diagnostic criteria	Yes	
acnem long COVID impairment category	Severe impairment	
Predicted category for clinical fosus	Metabolic / Mitochondrial	

The acneem criteria are based on the symptom lists common to the WHO and RECOVER Consortium criteria with the addition of cortain missing symptoms identified by acneem practitioners. The acenem checkits allows for an estimate of impact of the action and disability of the sufferer, recovery or worsening over time, and an indication of the type of long COVID addressed by the acenem long COVID and corterone 2023.

The estimates of severity and frequency of symptoms provide the practitioner and client with clinically meaningful measures for assessing progression or recovery over time and with treatment. Information gained by the questionnaire will also help inform discribent for their chilicial research.

# Symptoms: long COVID

- Fatigue lasting over 6 months in over 50%
- Post-exertional malaise (PEM) in over 70%
- Cognitive impairment documented on testing in 25-50%
- Respiratory symptoms including **dyspnoea in some** Neurological issues such as headaches, anosmia and brain fog
- Autonomic dysfunction high proportion

(Griffin, 2024)

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## Emerging research ME/CFS and long & COVID

- Immune cell changes and persistent complement activation
- Gut microbiome changes sequencing
- Mitochondrial dysfunction gene expression studies
- Neuroinflammation and BBB disruption MRI and animal models
- Blood flow and oxygen distribution issues

(Griffin, 2024, Komaroff & Lipkin, 2021)



# The following slides relate to both ME/CFS & long COVID

- physical examination
- Investigation
- Initial management



# Physical examination

## Common findings:

- Tender and/or enlarged lymph nodes
- Marked light, sound or smell sensitivity or anosmia
- Dizziness / vertigo on standing
- BP drop or pulse rate rise > 30 bpm on standing
  - NASA Lean Test may be better done at home and recorded
- Joint hypermobility Ehlers-Danlos Syndrome common



## Examination: Further considerations

- Dysautonomia
- NASA lean test over 10 minutes – at home
- Sitting and standing in clinic
- 24 hour BP/HR monitors
- Note many patients do not faint



#### Orthostatic Vital Signs/The NASA 10-minute Lean Test

	Blood	Blood Pressure (BP)			
	Systolic	Diastolic	Pulse	Comments	
Supine 1 minute	122	85	85	Lying down	
Supine 2 minute	120	80	80	Lying down	
				<b>国际政策的</b> 基础等的表示。	
Standing 0 minute	110	73	120		
Standing 1 minute	132	90	120		
Standing 2 minute	137	90	131	Feet tingling	
Standing 3 minute	120	96	131		
Standing 4 minute	135	99	150	Breathless Feeling faint. Test Ustopped	
Standing 5 minute	130	100	162	Feeling faint.	
Standing 6 minute				Test Ustopped	
Standing 7 minute			-		
Standing 8 minute					
Standing 9 minute					
Standing 10 minute					



# Recommended Reading re POTS

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JACC FOCUS SEMINAR

## **Postural Orthostatic Tachycardia Syndrome**



JACC Focus Seminar

Meredith Bryarly, MD, a,\* Lauren T. Phillips, MD, a,\* Qi Fu, MD, PHD, b,c Steven Vernino, MD, PHD, a Benjamin D. Levine, MD<sup>b,c</sup>

#### ABSTRACT

Postural orthostatic tachycardia syndrome (POTS), the most common form of orthostatic intolerance in young people, affects approximately 500,000 people in the United States alone, typically young women at the peak of their education and the beginning of their working lives. This is a heterogeneous disorder, the pathophysiology and mechanisms of which are not well understood. There are multiple contributing factors and numerous potential mimics. This review details the most current views on the potential causes, comorbid conditions, proposed subtypes, differential diagnoses, evaluations, and treatment of POTS from cardiological and neurological perspectives. (J Am Coll Cardiol 2019;73:1207-28) © 2019 by the American College of Cardiology Foundation.

# Look at past results

- Look at the trends not just ranges
- Take time to save time
- Timelines for onset of symptoms
- Can guide further testing



# Investigations – ME/CFS & long COVID

## **Primary testing**

- Full blood examination
- c-reactive protein,
- anti-nuclear antibody,
- Full biochemistry with liver function and kidney function
- nutrition such as B12, zinc, folate, vitamin D, and iron
- Urinalysis albumin/creat
- EBV, HH6 & CMV IgM

## Consider

- RF, anti-CCP
- 9 am cortisol ?Addison's
- Specific infection serology if indicated clinically e.g., HIV
- ECG, holter monitor, echocardiogram – OI symptoms
- Sleep studies OSA or other
- Coeliac antibodies & genetics DQ2
   & DQ8
- D-Dimer and Coags for long COVID



## Things to treat first

- · Obstructive sleep apnoea
- Multiple Sclerosis
- Iron deficiency
- Anaemia
- Thyroid disorders
- Diabetes mellitius and insipidus
- Cardiopulmonary disease
- Primary adrenal insufficiency
- Coeliac disease or food allergy
- Eating disorders
- Autoimmune disorders e.g. SLE, PMR,
  - Sjögren's syndrome

## **Concurrent disorders**

- Orthostatic intolerance POTS, NMH
- Gynacological issues e.g. pelvic congestion syndrome, dysmenorrhea, PMS
- Gastrointestinal issues IBS, IBD
- Food intolerances,
- Allergies
- Oral and dental issues
- Connective tissue disorders e.g. hEDS
- Fibromyalgia
- Mental health issues
- Small fibre neuropathy

# emerge Red flags

- •Severe, new onset, or worsening breathlessness or hypoxia
- •Syncope
- Unexplained chest pain /cardiac
- New confusion
- •Focal neurological signs or symptoms
- •Multisystem inflammatory syndrome in children
- Raised CRP/ESR
- •D-Dimer significantly raised/abnormal coag

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## What is different with long COVID?

- Clinical history of acute COVID-19
- Laboratory tests may show inflammatory marker elevation
- Pulmonary function testing with DLCO lung abnormalities
- Neuropsychological testing documents cognitive impairment mechanism difference micro clots/SPCT
- Chest CT lung fibrosis or other structural changes
- Cardiac MRI myocardial inflammation or damage

(Griffin, 2024)

# Initial Management

- Listen to the patient's story
- Take time
- Involve family and support people where appropriate and if desired by the patient
- Be clear that the goals of treatment are:
  - prevention or minimisation of PEM
  - symptom relief
  - improved quality of life
  - advocacy and validation

# Initial Management

- Helps to give a diagnosis
- Assess immediate needs Centrelink or Income Protection
- Access to care telehealth & home visits
- Book subsequent appointments don't wait for issues to arise
- Provide written notes
- Provide reassurance of support

"I don't know all the answers, but I'm here to work with you"



# emerge I Communicating and sharing knowledge

Explanation of findings:

"Looking at your tests and history, you meet the criteria for ME/CFS/long COVID"

"These issues are contributing to your symptoms"

"Before I make a diagnosis, we need to treat \*these issues\*. Then we can re-check where things are at."



# Communicating and sharing knowledge

But what if nothing has been found on tests and the physical exam is "normal"?

"We haven't found anything on your tests, but that doesn't mean nothing is wrong. It just means we can't test for it yet. Your symptoms and history tell us you meet the diagnosis for ME/CFS (or long COVID)."



# Communicating and sharing knowledge

## First steps for management:

"Our goal is to address these identified issues in small steps"

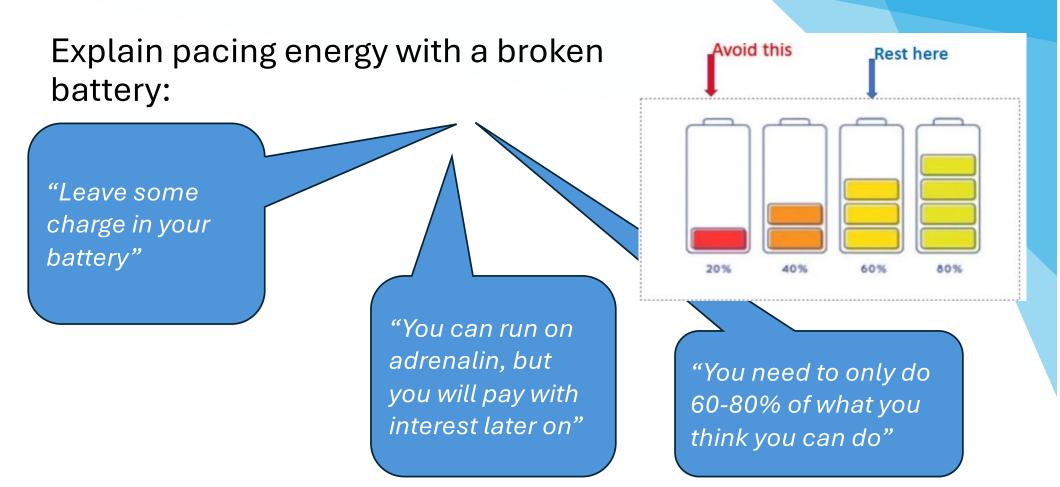
"What do you want to work on first?"

"Who else is part of your team? Would you like to me to include them in any communication?"

"There is nothing that works for everyone...and there is no magic cure - don't waste time or money on those who claim they can cure you. If there was a magic cure then everyone would know about it"



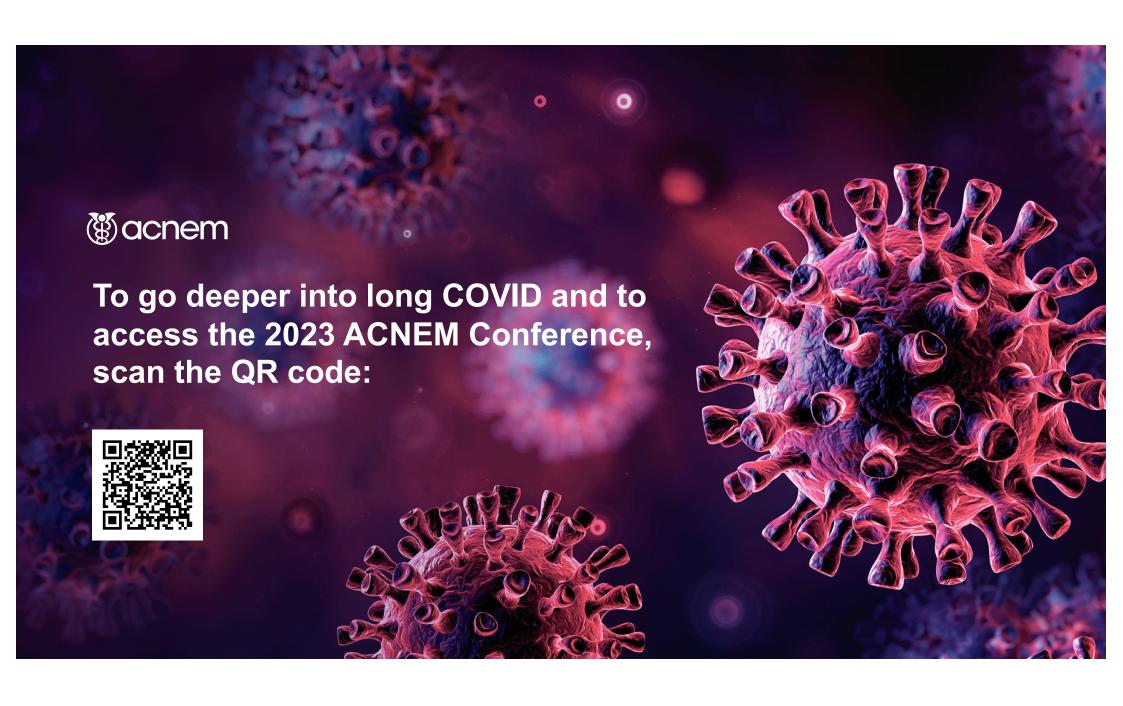
# emerge I Communicating and sharing knowledge - PEM



# Safe activity management

DO NO HARM	DON'T DO	
Pacing: Stop, rest, pace [3] Pacing will not address the underlying disease but can play an important role in improving the patient's functional capacity.  A tailored exercise program can be incorporated, conducted	Graded Exercise Therapy (inappropriately prescribed excessive exercise amount and gradations)  Fixed increments of increasing exercise, pushing the patient	
within the patient's energy capacity, with ongoing evaluation	beyond energy capacity	
Refer to aware allied health professionals and/or community agencies [4]	Cognitive Behaviour Therapy (as treatment for the cause of ME/CFS)	
For biopsychosocial support associated with the impact of ME/CFS and/or Long COVID		

(Decary et al, 2021; Haunhorst et al, 2024; NICE 2021)



## **Emerge Australia can help your patients.**

Emerge Australia offers a range of support through our patient support services.

We can help navigate topics that:

- Help in understanding the condition
- Explore social support options
- Help to prepare a strong DSP/NDIS application
- Support energy and activity management
- Aid in communicating healthcare requirements
- Connect people with their community
- Provide virtual community support services



## Telehealth Support

#### **Emerge Australia's Support Services**

We offer a National Telehealth Support Service staffed by two nurses and a patient support officer.

This free service is available during business hours, Monday to Friday, to all people who live with ME/CFS and long COVID, their careers, healthcare practitioners and the community.

#### **Book a FREE Telehealth Consultation**

Refer your patients to our telehealth service

- Via the QR Code below
- Through our Website
- Give us a call

Please note, we cannot provide direct medical advice

1800 865 321 www.emerge.org.au



# emerge Next week...

- 2 Dec 6pm AEDT
- "Optimal management of common symptoms and comorbidities"
- What are the "small steps" for sleep, pain, dysautonomia, MCAS?
- What do you already have in your toolkit?
- What is different about medication prescribing in this population?



Symptom severity and hierarchy chart:

https://emerge.org.au/wp-content/uploads/2023/04/symptomseverityhierarchyfromthinkgp.pdf

NASA lean test:

https://emerge.org.au/wp-content/uploads/2023/04/nasa-lean-test-instructions.pdf

• Pacing fact sheet for patients:

https://emerge.org.au/wp-content/uploads/2023/11/Pacing-factsheet.pdf

• Energy management considerations for your practice:

https://emerge.org.au/wp-content/uploads/2024/06/MECFS-friendly-healthcare-practice-rebrand.pdf



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# We value your feedback

