

	During the last 6 months				Physician's notes					
	Not present	Frequency 1 = sometimes 2 = about ½ of the time 3 = most of the time 4 = always		Severity 1 = mild 2 = moderate 3 = severe 4 = very severe						
23 Orientation problems	0	1	2	3	4	1	2	3	4	
24 Comprehension problems / attention problems	0	1	2	3	4	1	2	3	4	
25 Word-finding problems	0	1	2	3	4	1	2	3	4	
26 If cognitive symptoms (V.20-25) are present, do they worsen due to effort, upright body position, stress or time pressure?					Yes No					
27 Perceptual and sensory disturbances, e.g., blurred vision	0	1	2	3	4	1	2	3	4	
28 Coordination problems	0	1	2	3	4	1	2	3	4	
29 Muscle twitches	0	1	2	3	4	1	2	3	4	
30 Muscle weakness	0	1	2	3	4	1	2	3	4	
31 Overload phenomena - hypersensitivity to (bright) light	0	1	2	3	4	1	2	3	4	
32 Overload phenomena - hypersensitivity to noise	0	1	2	3	4	1	2	3	4	
33 Overload phenomena - hypersensitivity to touch	0	1	2	3	4	1	2	3	4	
34 Overload phenomena – emotional overload	0	1	2	3	4	1	2	3	4	

VI Autonomic Manifestations										
35 Dizziness	0	1	2	3	4	1	2	3	4	
36 Palpitations with or without cardiac arrhythmias	0	1	2	3	4	1	2	3	4	
37 Circulatory problems when getting up	0	1	2	3	4	1	2	3	4	
38 Circulatory problems in an upright posture	0	1	2	3	4	1	2	3	4	
39 Unusual paleness	0	1	2	3	4	1	2	3	4	
40 Bladder problems	0	1	2	3	4	1	2	3	4	
41 Gastrointestinal problems	0	1	2	3	4	1	2	3	4	
42 Exertional shortness of breath	0	1	2	3	4	1	2	3	4	

VII Neuroendocrine Manifestations										
43 Loss of thermostatic stability (e.g., subnormal body temperature, and marked diurnal fluctuation, sweating episodes, feelings of feverishness, cold limbs)	0	1	2	3	4	1	2	3	4	
44 Intolerance of extremes hot and cold	0	1	2	3	4	1	2	3	4	
45 Marked weight change with loss of appetite or abnormal appetite	0	1	2	3	4	1	2	3	4	
46 Worsening of symptoms with stress	0	1	2	3	4	1	2	3	4	

VIII Immunologic Manifestations										
47 Flu-like symptoms / general malaise	0	1	2	3	4	1	2	3	4	
48 Painful / sensitive lymph nodes	0	1	2	3	4	1	2	3	4	
49 Recurrent sore throat	0	1	2	3	4	1	2	3	4	
50 New sensitivities to food, medication or chemicals etc.	0	1	2	3	4	1	2	3	4	

Further Questions About the Symptom Course										
If there are any symptoms, what are the three main symptoms of this questionnaire?					1.....					
					2.....					
					3.....					

Munich Berlin Symptom Questionnaire (MBSQ) – Scoring Sheet for Adults (≥ 18 Years of Age)

Only if frequency **and** severity are reported with **≥2** after the physician’s evaluation, the respective item counts positively for evaluation. ME/CFS is a diagnosis of exclusion that needs to be reevaluated in case of new clinical aspects.

Surname:
 Name:
 Date of birth:
 Today's date:

Surname (physician):
 Name (physician):
 Date (physician):
 Institution:

Canadian Consensus Criteria ¹		IOM Criteria ²	
O	Duration of Illness (Onset of the Symptoms: ____ . ____ . ____) The symptomatology is present for at least 6 months .	O	Duration of Illness (Onset of the Symptoms: ____ . ____ . ____) The symptomatology is present for at least 6 months .
O	Medical History, Physical Examination, and Differential Diagnostics <input type="checkbox"/> Did not indicate any other cause for the symptoms (in particular, no indications for <i>Addison's disease, Cushing's disease, hypo/hyperthyroidism, anemia, hemochromatosis, diabetes mellitus, haemato-oncological, rheumatological and treatable sleep disorders</i>) <input type="checkbox"/> The symptoms must have begun or have been significantly altered after the onset of the illness.	O	Medical History, Physical Examination, and Differential Diagnostics <input type="checkbox"/> Did not indicate any other cause for the symptoms <input type="checkbox"/> The symptoms must have begun or have been significantly altered after the onset of the illness.
O	Fatigue / Daily Function All of the following points must apply: <input type="checkbox"/> Fatigue: I.1 ≥2 <input type="checkbox"/> Limitations in daily life: I.2 ≥2 <input type="checkbox"/> Fatigue new start: I.3 Yes	O	Fatigue / Daily Function All of the following points must apply: <input type="checkbox"/> Fatigue: I.1 ≥2 <input type="checkbox"/> Limitations in daily life: I.2 ≥2 <input type="checkbox"/> Fatigue new start: I.3 Yes <input type="checkbox"/> Fatigue due to exertion: I.4 No <input type="checkbox"/> Fatigue alleviated by rest: I.5 No
O	Post-Exertional Symptoms All of the following points must apply: <input type="checkbox"/> Loss of stamina; increased symptoms after everyday activities: all 2 points II.6-7 ≥2 <input type="checkbox"/> Duration of worsening of symptoms: II.8 ≥14 hours*	O	Post-Exertional Symptoms All of the following points must apply: all 2 points II.6-7 ≥2
O	Sleep At least 1 of the following 5 points must apply: III.11-15 ≥2	O	Sleep The following point must apply: III.11 ≥2

Canadian Consensus Criteria ¹		IOM Criteria ²	
O	Pain At least 1 of the following 3 points must apply: IV.16-18 ≥2		Pain <i>Not included in IOM criteria</i>
O	Neurocognitive Manifestations At least 2 of the following symptom groups must apply: <input type="checkbox"/> Confusion: V.19 ≥2 <input type="checkbox"/> Concentration and/or Memory: 1 of the following 2 points: V.21-22 ≥2 <input type="checkbox"/> Orientation: V.23 ≥2 <input type="checkbox"/> Comprehension and/or word-finding: 1 of the following 2 points: V.24-25 ≥2 <input type="checkbox"/> Perception and overload phenomena: 1 of the following 5 points: V.27, V.31-34 ≥2 <input type="checkbox"/> Coordination and muscular system: 1 of the following 3 points: V.28-30 ≥2	O	Neurocognitive and Autonomous Manifestations At least 1 of the following 2 categories must apply: <input type="checkbox"/> The 2 following symptom groups must apply: <input type="checkbox"/> At least 1 of the following 6 points must apply: V.20-22, V.24-25, V.28 ≥2 <input type="checkbox"/> The following point must apply: V.26 Yes <input type="checkbox"/> At least 1 of the following 2 points must apply: VI.37-38 ≥2
O	Autonomic, Neuroendocrine, Immunological Manifestations At least 2 of the following 3 categories must apply: <input type="checkbox"/> At least 1 of the following 8 points must apply: VI.35-42 ≥2 <input type="checkbox"/> At least 1 of the following 4 points must apply: VII.43-46 ≥2 <input type="checkbox"/> At least 1 of the following 4 points must apply: VIII.47-50, ≥2		Neuroendocrine, Immunological Manifestations <i>Not included in IOM criteria</i>

O Patient meets the Canadian Consensus Criteria for ME/CFS	O Patient meets the IOM criteria for ME/CFS
O Patient does <u>not</u> meet the Canadian Consensus Criteria for ME/CFS	O Patient does <u>not</u> meet the IOM criteria for ME/CFS

¹ Carruthers BM, Jain AK, De Meirleir KL, Peterson DL, Klimas NG, Lerner, AM, Bested AC, Flor-Henry P, Joshi P, Powles ACP, Sherkey JA, van de Sande MI. Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Journal of Chronic Fatigue Syndrome 2003;11:7-115. doi: 10.1300/J092v11n01_02.

² Clayton EW. Beyond Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: An IOM Report on Redefining an Illness. JAMA. 2015;313(11):1101–1102. doi:10.1001/jama.2015.1346

* In the original publication of Carruthers BM et al. PEM requires a duration of >24 hours. However, according to the current state of international research, we recommend diagnosing PEM with a duration of ≥14 hours, see

a) Cotler J, Holtzman C, Dudun C, Jason LA. A Brief Questionnaire to Assess Post-Exertional Malaise. Diagnostics. 2018; 8(3):66. doi.org/10.3390/diagnostics8030066

b) Kedor C, Freitag H, Meyer-Armdt L, Wittke K, Hanitsch LG, Zoller T, Steinbeis F, Haffke M, Rudolf G, Heidecker B, Bobbert T, Spranger J, Volk HD, Skurk C, Konietzschke F, Paul F, Behrends U, Bellmann-Strobl J, Scheibenbogen C. A prospective observational study of post-COVID-19 chronic fatigue syndrome following the first pandemic wave in Germany and biomarkers associated with symptom severity. Nat Commun. 2022;13(1):5104. doi: 10.1038/s41467-022-32507-6. Erratum in: Nat Commun. 2022;13(1):6009.

Munich Berlin Symptom Questionnaire (MBSQ) – Questionnaire for Pediatric and Adolescent Patients

Surname:	Name (physician):
Name:	Date (physician):
Date of birth:	Institution:
Today's date:	Date of disease onset:
Completion time: min	

For patients: Please complete this questionnaire on your own as far as possible. If necessary, ask your parents to help you.

For doctors: This questionnaire has to be used in a **medical interview**. Open **questions** and comprehensive **problems** should be clarified in a **medical visit**. The **physician's evaluation** of this questionnaire has to be based on the **supplementary scoring sheet for pediatric and adolescent patients**. ME/CFS is a **clinical diagnosis**. The diagnosis cannot be established without appropriate **differential diagnostics**.

	During the last 3 months				Physician's notes
	Is not present	Frequency 1 = sometimes 2 = about ½ of the time 3 = most of the time 4 = always	Severity 1 = mild 2 = moderate 3 = severe 4 = very severe		
I Fatigue / Daily Function					
1	0	1 2 3 4	1 2 3 4		
2	0	1 2 3 4	1 2 3 4		
3	0	1 2 3 4	1 2 3 4		
4	0	1 2 3 4	1 2 3 4		
5	If fatigue is present, is it of new or definite onset (not lifelong)?			Yes No	
6	If fatigue is present, is it the result of ongoing, excessive exertion?			Yes No	
7	If fatigue is present, is it alleviated by rest?			Yes No	

II Post-Exertional Symptoms					
8	0	1 2 3 4	1 2 3 4		
9	0	1 2 3 4	1 2 3 4		
10	0 ≤ 1 h 0 11-13 h	0 2-3 h 0 14-23 h	0 4-10 h 0 ≥ 24 h		
11	If post-exertional symptoms are present, which three mild daily activities lead to a worsening of the symptoms?				
	1.....				
	2.....				
	3.....				
12	If post-exertional symptoms are present, which three symptoms worsen after mild daily activities?				
	1.....				
	2.....				
	3.....				

	During the last 3 months				Physician's notes
	Not present	Frequency 1 = sometimes 2 = about ½ of the time 3 = most of the time 4 = always	Severity 1 = mild 2 = moderate 3 = severe 4 = very severe		
III Sleep					
13	0	1 2 3 4	1 2 3 4		
14	0	1 2 3 4	1 2 3 4		
15	0	1 2 3 4	1 2 3 4		
16	0	1 2 3 4	1 2 3 4		
17	0	1 2 3 4	1 2 3 4		

IV Pain					
18	0	1 2 3 4	1 2 3 4		
19	0	1 2 3 4	1 2 3 4		
20	0	1 2 3 4	1 2 3 4		
21	0	1 2 3 4	1 2 3 4		

	During the last 3 months				Physician's notes
	Not present	Frequency 1 = sometimes 2 = about ½ of the time 3 = most of the time 4 = always	Severity 1 = mild 2 = moderate 3 = severe 4 = very severe		
V Neurocognitive Manifestations					
22 Confusion	0	1 2 3 4	1 2 3 4		
23 Slowness of thought	0	1 2 3 4	1 2 3 4		
24 Concentration problems	0	1 2 3 4	1 2 3 4		
25 Short-term memory problems	0	1 2 3 4	1 2 3 4		
26 Orientation problems	0	1 2 3 4	1 2 3 4		
27 Comprehension problems / attention problems	0	1 2 3 4	1 2 3 4		
28 Word-finding problems	0	1 2 3 4	1 2 3 4		

29 If cognitive symptoms (V.23-28) are present, do they worsen due to effort, upright body position, stress or time pressure?	Yes	No	
---	-----	----	--

30 Absent mindedness	0	1 2 3 4	1 2 3 4	
31 Difficulty recalling information	0	1 2 3 4	1 2 3 4	
32 Need to focus on one thing at a time	0	1 2 3 4	1 2 3 4	
33 Trouble expressing thought	0	1 2 3 4	1 2 3 4	
34 Lose train of thought	0	1 2 3 4	1 2 3 4	
35 New troubles with math or other educational subjects	0	1 2 3 4	1 2 3 4	
36 Perceptual and sensory disturbances, e.g., blurred vision	0	1 2 3 4	1 2 3 4	
37 Coordination problems	0	1 2 3 4	1 2 3 4	
38 Muscle twitches	0	1 2 3 4	1 2 3 4	
39 Muscle weakness	0	1 2 3 4	1 2 3 4	
40 Overload phenomena - hypersensitivity to (bright) light	0	1 2 3 4	1 2 3 4	
41 Overload phenomena - hypersensitivity to noise	0	1 2 3 4	1 2 3 4	
42 Overload phenomena - hypersensitivity to touch	0	1 2 3 4	1 2 3 4	
43 Overload phenomena – emotional overload	0	1 2 3 4	1 2 3 4	

VI Autonomic Manifestations				
44 Dizziness	0	1 2 3 4	1 2 3 4	
45 Palpitations with or without cardiac arrhythmias	0	1 2 3 4	1 2 3 4	
46 Circulatory problems when getting up	0	1 2 3 4	1 2 3 4	
47 Circulatory problems in upright posture	0	1 2 3 4	1 2 3 4	
48 Unusual paleness	0	1 2 3 4	1 2 3 4	
49 Bladder problems	0	1 2 3 4	1 2 3 4	
50 Gastrointestinal problems	0	1 2 3 4	1 2 3 4	
51 Exertional shortness of breath	0	1 2 3 4	1 2 3 4	

VII Neuroendocrine Manifestations				
52 Loss of thermostatic stability (e.g., subnormal body temperature, and marked diurnal fluctuation, sweating episodes, feelings of feverishness, cold limbs)	0	1 2 3 4	1 2 3 4	
53 Intolerance of extremes hot and cold	0	1 2 3 4	1 2 3 4	
54 Marked weight change with loss of appetite or abnormal appetite	0	1 2 3 4	1 2 3 4	
55 Worsening of symptoms with stress	0	1 2 3 4	1 2 3 4	

VIII Immunologic Manifestations				
56 Flu-like symptoms / general malaise	0	1 2 3 4	1 2 3 4	
57 Painful / sensitive lymph nodes	0	1 2 3 4	1 2 3 4	
58 Fever	0	1 2 3 4	1 2 3 4	
59 Recurrent sore throat	0	1 2 3 4	1 2 3 4	
60 New sensitivities to food, medication or chemicals etc.	0	1 2 3 4	1 2 3 4	

Further Questions About the Symptom Course	
If there are any symptoms, what are the three main symptoms of this questionnaire?	1..... 2..... 3.....

Munich Berlin Symptom Questionnaire (MBSQ) – Scoring Sheet No. 1 for Children and Adolescents (0-17 Years)

Only if frequency **and** severity are reported with ≥ 2 after the physician's evaluation, the respective item counts positively for evaluation. ME/CFS is a diagnosis of exclusion that needs to be reevaluated in case of new clinical aspects.

Surname:
Name:
Date of birth:
Today's date:

Surname (physician):
Name (physician):
Date (physician):
Institution:

Pediatric Case Definition for ME/CFS by Jason LA et al. ¹		Clinical Diagnostic Worksheet by Rowe PC et al. ²	
O	Duration of Illness (Onset of the Symptoms: _____.____.____.) The symptomatology is present for at least 3 months .	O	Duration of Illness (Onset of the Symptoms: _____.____.____.) The symptomatology is present for at least 3 months .*
O	Medical History, Physical Examination and Differential Diagnostics Did not indicate any other cause for the symptoms (in particular, no indications for <i>untreated hypothyroidism, sleep apnea, narcolepsy, malignancies, leukemia, unresolved hepatitis, multiple sclerosis, juvenile rheumatoid arthritis, lupus erythematosus, HIV/AIDS, severe obesity (BMI greater than 40), celiac disease, Lyme disease, childhood schizophrenia or psychiatric disorders, bipolar disorder, active alcohol or substance abuse, active anorexia nervosa or bulimia nervosa, depressive disorders</i>)	O	Medical History, Physical Examination and Differential Diagnostics Did not indicate any other cause for the symptoms (in particular, no evidence of <i>adrenocortical insufficiency, overtraining syndrome, GI disorders: Celiac disease, irritable bowel syndrome, eosinophilic gastroenteritis; Chiari malformation, cervical spinal stenosis, neuroborreliosis or other tick-borne disease, major depression, narcolepsy, obstructive or central sleep apnea, postcommotion syndrome, severe anemia, systemic lupus erythematosus and similar autoimmune disease, untreated hypo-/hyperthyroidism</i>).
O	Fatigue / Daily Function All of the following points must apply: <input type="checkbox"/> Fatigue: I.1 ≥ 2 <input type="checkbox"/> Limitations: all 3 points: I.2-4 ≥ 2 <input type="checkbox"/> Fatigue due to exertion: I.6 No <input type="checkbox"/> Fatigue alleviated by rest: I.7 No	O	Fatigue / Daily Function All of the following points must apply: <input type="checkbox"/> Fatigue: I.1 ≥ 2 <input type="checkbox"/> Limitations: at least 1 of the 3 points: I.2-4 ≥ 2 <input type="checkbox"/> Fatigue due to exertion: I.6 No <input type="checkbox"/> Fatigue alleviated by rest: I.7 No
O	Post-Exertional Symptoms All of the following points must apply: <input type="checkbox"/> loss of stamina; increased symptoms after everyday activities: all 2 points: II.8-9 ≥ 2 <input type="checkbox"/> duration of worsening of symptoms: II.10 ≥ 14 hours	O	Post-Exertional Symptoms All of the following points must apply: <input type="checkbox"/> loss of stamina; increased symptoms after everyday activities: all 2 points: II.8-9 ≥ 2 <input type="checkbox"/> duration of worsening of symptoms: II.10 >24 hours

Pediatric Case Definition for ME/CFS by Jason LA et al. ¹		Clinical Diagnostic Worksheet by Rowe PC et al. ²	
<input type="radio"/> Sleep At least 1 of the following 5 points must apply: III.13-17 ≥2		<input type="radio"/> Sleep, Pain, and Neurocognitive Symptoms At least 2 of the following 3 categories must apply: <input type="checkbox"/> At least 1 of the following 5 points must apply: III.13-17 ≥2 <input type="checkbox"/> At least 1 of the following 6 points must apply: IV.18-21, V.22-43 ≥2 <input type="checkbox"/> At least 1 of the following 8 points must apply: V.23-25, V.27-28, V.30, V.33 ≥2; V.29 : Yes	
<input type="radio"/> Pain At least 1 of the following 4 points must apply: IV.18-21 ≥2			
<input type="radio"/> Neurocognitive Manifestations At least 2 of the following 11 points must apply: V.23-25; V.27-28; V.30-35 ≥2			
<input type="radio"/> Autonomic, Neuroendocrine and Immunologic Manifestations At least 2 of the following 3 categories must apply: <input type="checkbox"/> At least 1 of the following 5 points must apply: VI.44-47; VI.51 ≥2 <input type="checkbox"/> At least 1 of the following 4 points must apply: VII.52-55 ≥2 <input type="checkbox"/> At least 1 of the following 4 points must apply: VIII.56-59 ≥2		<input type="radio"/> Autonomic, Neuroendocrine, and Immunologic Manifestations <i>Not included in the Clinical Diagnostic Worksheet by Rowe PC et al.</i>	
<input type="radio"/> Patient meets the Pediatric Case Definition for ME/CFS by Jason LA et al.		<input type="radio"/> Patient meets the Clinical Diagnostic Worksheet criteria for ME/CFS by Rowe PC et al.	
<input type="radio"/> Patient does <u>not</u> meet the Pediatric Case Definition for ME/CFS by Jason LA et al.		<input type="radio"/> Patient does <u>not</u> meet the Clinical Diagnostic Worksheet criteria for ME/CFS by Rowe PC et al.	

¹Jason LA, Jordan K, Miike T, Bell DS, Lapp C, Torres-Harding S, Rowe K, Gurwitt A, De Meirleir K, Van Hoof ELS. Pediatric Case Definition for Myalgic Encephalomyelitis and Chronic Fatigue Syndrome. Journal of Chronic Fatigue Syndrome 2006; 13:1-44. doi: 10.1300/J092v13n02_01.

²Rowe PC, Underhill RA, Friedman KJ, Gurwitt A, Medow MS, Schwartz MS, Speight N, Stewart JM, Vallings R, Rowe KS. Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Diagnosis and Management in Young People: A Primer. Front Pediatr. 2017;5:121. doi: 10.3389/fped.2017.00121.

* In the original publication by Rowe PC et al. a duration of at least 6 months is required for the diagnosis. If the duration of the disease is <6 months, it is only recommended to express an urgent suspicion. However, we recommend a diagnosis in children and adolescents with a disease duration of only 3 months in order to provide early symptom-oriented care.

Munich Berlin Symptom Questionnaire (MBSQ) – Scoring Sheet No. 2 for Children and Adolescents (0-17 Years)

Only if frequency **and** severity are reported with ≥ 2 after the physician's evaluation, the respective item counts positively for evaluation. ME/CFS is a diagnosis of exclusion that needs to be reevaluated in case of new clinical aspects.

Surname:	Surname (physician):
Name:	Name (physician):
Date of birth:	Date (physician):
Today's date:	Institution:

Canadian Consensus Criteria ³	IOM Criteria ⁴
<p>O Duration of Illness (Onset of the Symptoms: _____.____._____) The symptomatology has been present for at least 3 months.</p>	<p>O Duration of Illness (Onset of the Symptoms: _____.____._____) The symptomatology has been present for at least 3 months.**</p>
<p>O Medical History, Physical Examination and Differential Diagnostics</p> <p><input type="checkbox"/> Did not indicate any other cause for the symptoms <i>(in particular no indications for Addison's disease, Cushing's disease, hypo-/hyperthyroidism, anemia, hemochromatosis, diabetes mellitus, haemato-oncological, rheumatological and treatable sleep disorders)</i></p> <p><input type="checkbox"/> The symptoms must have begun or have been significantly altered after the onset of the illness.</p>	<p>O Medical History, Physical Examination and Differential Diagnostics</p> <p><input type="checkbox"/> Did not indicate any other cause for the symptoms</p> <p><input type="checkbox"/> The symptoms must have begun or have been significantly altered after the onset of the illness.</p>
<p>O Fatigue / Daily Function All of the following points must apply:</p> <p><input type="checkbox"/> Fatigue: I.1 ≥ 2 <input type="checkbox"/> Limitations: at least 1 of the 3 points: I.2-4 ≥ 2 <input type="checkbox"/> Fatigue of definite start: I.5 Yes</p>	<p>O Fatigue / Daily Function All of the following points must apply:</p> <p><input type="checkbox"/> Fatigue: I.1 ≥ 2 <input type="checkbox"/> Limitations: at least 1 of the 3 points: I.2-4 ≥ 2 <input type="checkbox"/> Fatigue new start: I.5 Yes <input type="checkbox"/> Fatigue due to exertion: I.6 No <input type="checkbox"/> Fatigue alleviated by rest: I.7 No</p>
<p>O Post-Exertional Symptoms All of the following points must apply:</p> <p><input type="checkbox"/> Loss of stamina; increased symptoms after everyday activities: all 2 points II.8-9 ≥ 2 <input type="checkbox"/> Duration of worsening of symptoms: II.10 ≥ 14 hours*</p>	<p>O Post-Exertional Symptoms All of the following points must apply: all 2 points: II.8-9 ≥ 2</p>

Canadian Consensus Criteria ³		IOM Criteria ⁴	
O Sleep At least 1 of the following 5 points must apply: III.13-17 ≥2	O Sleep The following point must apply: III.13 ≥2	O Pain At least 1 of the following 3 points must apply: IV.18-20 ≥2 (<i>except abdominal pain</i>)	O Pain <i>Not included in IOM criteria</i>
O Neurocognitive Manifestations At least 2 of the following symptom groups must apply: <input type="checkbox"/> Confusion: V.22 ≥2 <input type="checkbox"/> Concentration and/or Memory: 1 of the following 2 points: V.24-25 ≥2 <input type="checkbox"/> Orientation: V.26 ≥2 <input type="checkbox"/> Comprehension and/or word-finding: 1 of the following 2 points: V.27-28 ≥2 <input type="checkbox"/> Perception and overload phenomena: 1 of the following 5 points: V.36, V.40-43 ≥2 <input type="checkbox"/> Coordination und muscular system: 1 of the following 3 points: V.37-39 ≥2	O Neurocognitive and Autonomic Manifestations At least 1 of the following 2 categories must apply: <input type="checkbox"/> The 2 following symptom groups must apply: <input type="checkbox"/> At least 1 of the following 6 points must apply: V.23-25, V.27-28, V.37 ≥2 <input type="checkbox"/> The following point must apply: V.29, Yes <input type="checkbox"/> At least 1 of the following 2 points must apply: VI.46-47 ≥2	O Autonomic, Neuroendocrine, Immunologic Manifestations At least 2 of the following 3 categories must apply: <input type="checkbox"/> At least 1 of the following 8 points must apply: VI.44-51 ≥2 <input type="checkbox"/> At least 1 of the following 4 points must apply: VII.52-55 ≥2 <input type="checkbox"/> At least 1 of the following 4 points must apply: VIII.56-57, VIII.59-60 ≥2	O Neuroendocrine, Immunologic Manifestations <i>Not included in IOM criteria</i>
O Patient meets the Canadian Consensus Criteria for ME/CFS	O Patient meets the IOM criteria for ME/CFS	O Patient does <u>not</u> meet the Canadian Consensus Criteria for ME/CFS	O Patient does <u>not</u> meet the IOM criteria for ME/CFS

³ Carruthers BM, Jain AK, De Meirleir KL, Peterson DL, Klimas NG, Lerner, AM, Bested AC, Flor-Henry P, Joshi P, Powles ACP, Sherkey JA, van de Sande MI. Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Journal of Chronic Fatigue Syndrome 2003;11:7-115. doi: 10.1300/J092v11n01_02.

⁴ Clayton EW. Beyond Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: An IOM Report on Redefining an Illness. JAMA. 2015;313(11):1101–1102. doi:10.1001/jama.2015.1346.

* In the original publication of Carruthers BM et al. PEM requires a duration of >24 hours. However, according to the current state of international research, we recommend diagnosing PEM with a duration of ≥14 hours, see a) Cotler J et al. Diagnostics. 2018;8(3):66. doi.org/10.3390/diagnostics8030066 and b) Kedor C et al., Nat Commun. 2022;13(1):5104. doi: 10.1038/s41467-022-32507-6. Erratum in: Nat Commun. 2022;13(1):6009.

** In the original publication by Clayton EW et al.⁴ a duration of at least 6 months is required for the diagnosis. However, we recommend diagnosing children and adolescents after 3 months to provide them with symptom-oriented care at an early stage.