

4. Case identifier/number

Please fill in the study ID numbers that you have been given by the coordinating center.

Center number _____

Physician number _____

Case number _____

5. Gender: Female

Male

6. Adult onset (diagnosed at age ≥ 18) or childhood onset (diagnosed at age < 18 years)

Adult Childhood

7. Age (years) at onset of first symptom assumed to be related to the disease: ____years and for children months: ____ months (include years and months for children)

8. Age (years) at diagnosis: ____years ____ months (include years and months for children)

9. Age (years) at last evaluation: ____years ____ months (include years and months for children)

10. Ethnicity: (check all that apply)

Caucasian

Of African descent

Of Asian descent

Of Native American descent

Of Pacific Island descent

Of Hispanic descent

Of Mixed descent

Unknown

11. Study diagnosis according to the clinician submitting the case

Idiopathic inflammatory myopathy (IIM) adults or children

Not Idiopathic inflammatory myopathy (Not IIM) adults or children

12. Study diagnosis: Idiopathic Inflammatory Myopathy (IIM) in adults or children

Please select only one diagnosis, where requested please specify diagnosis below in the text box.

- Polymyositis
- Dermatomyositis
- Amyopathic dermatomyositis
- Hypomyopathic dermatomyositis
- Inclusion body myositis
- Immune-mediated necrotizing myopathy
- Juvenile dermatomyositis
- Juvenile polymyositis
- Other diagnosis, specify diagnosis below
- Not Idiopathic Inflammatory Myopathy (IIM)

13. Not Idiopathic Inflammatory Myopathy (Not IIM), adults or children, but in which the diagnosis of idiopathic myositis was considered in the differential diagnosis:

Please select only one diagnosis, where requested please specify diagnosis below in the text box.

<input type="checkbox"/> Becker's dystrophy
<input type="checkbox"/> Duchenne's dystrophy
<input type="checkbox"/> Fascioscapulohumeral dystrophy
<input type="checkbox"/> Limb-girdle dystrophy
<input type="checkbox"/> Myotonic dystrophy
<input type="checkbox"/> Non-inflammatory inclusion body myopathy
<input type="checkbox"/> Other dystrophy, specify diagnosis
<input type="checkbox"/> Dysferlinopathy
<input type="checkbox"/> Acid maltase deficiency
<input type="checkbox"/> Allergies
<input type="checkbox"/> Bacterial myopathy
<input type="checkbox"/> Carnitine deficiency
<input type="checkbox"/> Celiac disease
<input type="checkbox"/> Crohn's disease
<input type="checkbox"/> Cushing syndrome
<input type="checkbox"/> Cysticercosis

<input type="checkbox"/> Diabetes mellitus
<input type="checkbox"/> Drug or toxin associated myopathy, specify diagnosis
<input type="checkbox"/> Exogenous steroid myopathy
<input type="checkbox"/> Familial periodic paralysis
<input type="checkbox"/> Fibromyalgia
<input type="checkbox"/> Filiarisis
<input type="checkbox"/> Glucocorticoid induced myopathy
<input type="checkbox"/> Gullain-Barre syndrome
<input type="checkbox"/> Hypercalcemia
<input type="checkbox"/> Hypereosinophilic syndrome
<input type="checkbox"/> Hypersensitivity conditions
<input type="checkbox"/> Hyperthyroidism
<input type="checkbox"/> Hypocalcemia
<input type="checkbox"/> Hypokalemia
<input type="checkbox"/> Hypothyroidism
<input type="checkbox"/> Immune mediated skin conditions, specify diagnosis below
<input type="checkbox"/> Juvenile idiopathic arthritis
<input type="checkbox"/> Kearns-Sayre syndrome
<input type="checkbox"/> Mc Ardle's disease
<input type="checkbox"/> Metabolic myopathy, specify diagnosis
<input type="checkbox"/> Mitochondrial encephalomyopathy, lactic acidosis, stroke (MELAS)
<input type="checkbox"/> Mitochondrial myopathy, specify diagnosis
<input type="checkbox"/> Mixed connective tissue disease
<input type="checkbox"/> Motor neuron diseases, specify diagnosis
<input type="checkbox"/> Multiple sclerosis
<input type="checkbox"/> Myasthenia gravis
<input type="checkbox"/> Myoadenylate deaminase deficiency
<input type="checkbox"/> Myoclonic epilepsy, ragged red fibers (MERRF)
<input type="checkbox"/> Palmityltransferase deficiency
<input type="checkbox"/> Parasitic myopathy
<input type="checkbox"/> Phosphofructokinase deficiency
<input type="checkbox"/> Psoriasis
<input type="checkbox"/> Seborrhheic dermatitis
<input type="checkbox"/> Statin induced myopathy
<input type="checkbox"/> Systemic lupus erythematosus (SLE)
<input type="checkbox"/> Systemic sclerosis
<input type="checkbox"/> Systemic vasculitis, specify diagnosis below
<input type="checkbox"/> Toxoplasmosis
<input type="checkbox"/> Trichinosis
<input type="checkbox"/> Trypanasoma
<input type="checkbox"/> Ulcerative colitis
<input type="checkbox"/> Verrucae vulgaris
<input type="checkbox"/> Viral myopathy
<input type="checkbox"/> Other dermatologic disease, specify diagnosis below
<input type="checkbox"/> Other endocrine myopathy, specify diagnosis
<input type="checkbox"/> Other infectious myopathy, specify diagnosis
<input type="checkbox"/> Other neuromuscular disease, specify diagnosis below
<input type="checkbox"/> Other systemic autoimmune disease, specify diagnosis below
<input type="checkbox"/> Other diagnosis, specify
<input type="checkbox"/> None applicable (Inflammatory Myopathy)

If other diagnosis please specify:-----

14. Basis for study diagnosis (check all supporting reasons):

- Muscle weakness
- Muscle biopsy abnormalities
- Elevated muscle enzymes
- EMG abnormalities
- Rashes
- Skin biopsy
- Autoantibodies
- MRI
- Other, please specify _____

14. Other diagnoses in this case: (check all that apply):

- Non applicable
- Systemic sclerosis
- Sjögren’s syndrome
- Mixed connective tissue disease
- Rheumatoid arthritis
- Systemic lupus erythematosus
- Hypothyroidism
- Hyperthyroidism
- Type I diabetes
- Juvenile idiopathic arthritis
- Malignancy
If yes, please specify type of malignancy _____
- If yes, add age at diagnosis of malignancy _____
- Other, please specify _____

Before completing the following tables, please review the Glossary of Definitions below.

The variables in italics have been included in previous sets of criteria for inflammatory myopathies

	<u>Present</u>	<u>Absent</u>	<u>Information not available</u>	<u>Comments</u>
Clinical Muscle Variables – present at any time during the disease course				
<i>1M. Objective symmetric weakness, usually progressive, of the proximal upper extremities</i>				

2M. Objective shoulder abductor weakness				
3M. Objective elbow flexor weakness				
4M. Objective elbow extensor weakness				
5M. Wrist and finger flexors are relatively weaker than shoulder abductors on the same side				
6M. Wrist flexors are relatively weaker than wrist extensors on the same side				
7M. Objective finger flexor weakness				
8M. Objective symmetric weakness, usually progressive, of the proximal lower extremities				
9M. Objective hip flexor weakness				
10M. Objective hip abductor weakness				
11M. Objective knee extensor weakness				
12M. Knee extensors are as weak or relatively weaker than hip girdle muscle on the same side				
13M. Objective muscle weakness of distal lower extremities				
14M. Objective axial weakness				
15M. Objective neck flexor weakness				
16M. Neck flexors are relatively weaker than neck extensors				
17M. In the legs proximal muscles are relatively weaker than distal muscles				
18M. In the arms proximal muscles are relatively weaker than distal muscles				
19M In the legs distal muscles relatively weaker than proximal muscles				
20M In the arms distal muscles are relatively weaker than proximal muscles				
21M. Muscle tenderness				
22M. Muscle atrophy of distal forearms				
23M. Muscle atrophy of thighs				
	<u>Present</u>	<u>Absent</u>	<u>Information not available</u>	<u>Comments</u>
Skin Variables – present at any time during the disease course				
1S. Heliotrope rash				
2S. Gottron’s papules				
3S. Gottron’s sign				
4S. Erythema of the back of neck and shoulders (Shawl sign)				
5S. Erythema of the neck (V-sign)				
6S. Periorbital edema				
7S. Linear extensor erythema				
8S. Calcification				
9S. Periungual erythema or nailfold capillary abnormality				
10S. Mechanic’s hands				

11S. Photodistributed violaceous erythema				
12 S. Raynaud's phenomenon				
13S. Cuticular overgrowth				
14S Poikiloderma				
	<u>Present</u>	<u>Absent</u>	<u>Information not available</u>	<u>Comments</u>
Other Clinical Variables – present at any time during the disease course				
1O. Family history of autoimmune disease (see Appendix A)				
2O. Family history of muscle disease (See Appendix B)				
3Oa. Acute onset (days to 2 weeks) of symptoms				
3Ob. Subacute onset (> 2 weeks to ≤2 months) of symptoms				
3Oc. Insidious onset of symptoms > 2 months to years				
4O. History of episodic weakness associated with exercise or fasting				
5O. Arthritis				
6O. Polyarthralgia				
7O. Joint contractures				
8O. Unexplained Fevers				
9O. Interstitial lung disease				
10. Dysphagia or esophageal dysmotility				

13O. Objective improvement in strength or other disease manifestation after an adequate trial of glucocorticoids and/or other immunosuppressive or immune modulating therapy for at least 8 w. Check all that apply.	Improved	Not improved	Unknown	Inadequate trial	Not used
prednisone ≥0.75-2 mg/kg/day (or equivalent)					
methotrexate ≥10 mg/week (children: ≥0.3 mg/kg/week)					
azathioprine 75 mg/d (or 2 mg/kg/day)					
Other					
Specify other immunosuppressive medication:					

	<u>Present</u>	<u>Absent</u>	<u>Not available</u>	<u>Comments</u>
Muscle Biopsy Variables – from any biopsy				
Muscle biopsy data available				
1B. Necrosis of type I and type II muscle fibers, phagocytosis, degeneration of myofibers				
2B. Regeneration of myofibers				
3B. Endomysial infiltration of mononuclear cells surrounding, but not invading, myofibers				

4B. Non-necrotic fibers surrounded and invaded by mononuclear cells				
5B. Perimysial and/or perivascular infiltration of mononuclear cells				
6B. Perifascicular atrophy				
7B. Vacuolated muscle fibers				
8B. Rimmed vacuoles				
9B. Ragged red fibers, or cytochrome C oxidase-negative fibers				
10B. Many necrotic muscle fibers as the predominant feature. Inflammatory cells are sparse; perimysial infiltrate is not evident.				
11. Immunohistochemistry data available if not go to xxx				
12B. MHC Class I antigen present on scattered or more muscle fibers				
13B. Endomysial CD8+ cells surrounding myofibers with MHC Class I expression on myofibers				
14B. Membrane attack complex (MAC) depositions on small blood vessels				
15B. Reduced capillary density				
16B. MHC-1 expression of perifascicular fibers				
17B. Electron microscopy available y/n				
18B. Tubuloreticular inclusions in endothelial cells on electron microscopy				
19B. Intracellular amyloid deposits or 15-18 nm tubulofilaments by electron microscopy (EM)				

Laboratory Variables – record the most abnormal test values during the disease course				
	Value	Upper normal limit	Units	
1L. Serum creatine kinase (CK) activity				
2L. Serum lactate dehydrogenase (LDH) activity				
3L. Serum aspartate aminotransferase (ASAT/AST/SGOT) activity				
4L. Serum alanine aminotransferase (ALAT/ALT/SGPT) activity				
5L. Serum Aldolase activity				
6L. Erythrocyte sedimentation rate (ESR)				
7L. C-reactive protein (CRP)				
8L. Autoantibody tests available y/n	Yes:	No:		
9L. Autoantibodies	Positive	Negative	Not tested	
ANA				
Anti-Jo-1 (anti-His)				
Anti-Mi-2				
Anti-SRP				

Anti-Ku				
Anti- PL7				
Anti- PL-12				
Anti PM-Scl				
Anti-SSA				
Anti-Ro52/SSA				
Anti-Ro60/SSA				
Anti-La/SSB				
Anti-ribonucleoprotein (RNP)-70K (U1snRNP)				
Anti-RNP-A				
Anti-RNP-C				
Anti-Centromere B (ACA)				
Anti-Topoisomerase-1/Scl70,				
Anti-Ribosomal P antigen				
Anti-Sm				
Anti-SmB				
Anti-SmD				
RF				
Anti-CCP				
Other, please specify below				

	<u>Present</u>	<u>Absent</u>	<u>Information not available</u>	<u>Comments</u>
EMG performed y/n	Yes:		No:	
<i>I . Electromyogram (EMG) - Increased insertional and spontaneous activity in the form of fibrillation potentials, positive sharp waves, or complex repetitive discharges</i>				
<i>II. EMG - Morphometric analysis reveals the presence of short duration, small amplitude, polyphasic motor unit action potentials (MUAPs)</i>				
MRI of muscles performed y/n	Yes:		No:	
1. Muscle edema on STIR or T2-weighted magnetic resonance imaging (MRI)				
2. Muscle atrophy and/or increased muscle fat content on T1-weighted MRI scanning consistent with myositis				
13L. Skin biopsy compatible with dermatomyositis (or lupus)			N/a	Not performed

Other features important in making the diagnosis not listed above – please specify:

Other laboratory features important in making the diagnosis not listed above – please specify:

GLOSSARY FOR THE

INTERNATIONAL MYOSITIS CLASSIFICATION CRITERIA PROJECT

This document is a GLOSSARY to be used for completing the INTERNATIONAL MYOSITIS CLASSIFICATION CRITERIA PROJECT DATASHEET. Please read this carefully prior to completing the DATASHEET and refer to it whenever questions arise as to how to best enter your data.

Clinical Muscle Variables – present at any time during the disease course	Definition
<i>1M. Objective symmetric weakness, usually progressive, of the proximal upper extremities</i>	Weakness of proximal upper extremities as defined by manual muscle testing or other objective strength testing, which is present on both sides and is usually progressive over time
<i>2M. Objective shoulder abductor weakness</i>	Weakness of the shoulder abductors as defined by manual muscle testing or other objective strength testing
<i>3M. Objective elbow flexor weakness</i>	Weakness of the elbow flexors as defined by manual muscle testing or other objective strength testing
<i>4M. Objective elbow extensor weakness</i>	Weakness of the elbow extensors as defined by manual muscle testing or other objective strength testing
<i>5M. Wrist and finger flexors are relatively weaker than shoulder abductors on the same side</i>	Muscle grades for wrist and finger flexors are relatively lower than for shoulder abductors, as defined by manual muscle testing or other objective strength testing
<i>6M. Wrist flexors are relatively weaker than wrist extensors on the same side</i>	Muscle grades for wrist flexors are relatively lower than for wrist extensors as defined by manual muscle testing or other objective strength testing
<i>7M. Objective finger flexor weakness</i>	Finger flexor weakness as defined by manual muscle testing or other objective strength testing
<i>8M. Objective symmetric weakness, usually progressive, of the proximal lower extremities</i>	Weakness of proximal lower extremities as defined by manual muscle testing or other objective strength testing, which is present on both sides and is usually progressive over time
<i>9M. Objective hip flexor weakness</i>	Weakness of the hip flexors as defined by manual muscle testing or other objective strength testing
<i>10M. Objective hip abductor weakness</i>	Weakness of the hip abductors as defined by manual muscle testing or other objective strength testing
<i>11M. Objective knee extensor weakness</i>	Weakness of the knee extensors as defined by manual muscle testing or other objective strength testing
<i>12M. Knee extensors are as weak or relatively weaker than hip girdle muscles on the same side</i>	Muscle grades for knee extensors are comparable to or weaker than for hip girdle muscles on the same side, as defined by manual muscle testing or other objective strength testing
<i>13M. Objective muscle weakness of distal lower extremities</i>	Weakness of distal lower extremities as defined by manual muscle testing or other objective strength testing or functional testing (e.g., ability to walk on heels or tip toes)
<i>14M. Objective axial weakness</i>	Weakness of axial muscles, including neck flexors and extensors, abdominal and trunk muscles, as defined by manual muscle testing or other objective strength testing
<i>15M. Objective neck flexor weakness</i>	Weakness of the neck flexors as defined by manual

	muscle testing or other objective strength testing
<i>16M. Neck flexors are relatively weaker than neck extensors</i>	Muscle grades for neck flexors are relatively lower than neck extensors as defined by manual muscle testing or other objective strength testing
<i>17M. In the legs proximal muscles are relatively weaker than distal muscles</i>	Muscle grades for proximal muscles in the legs are relatively lower than distal muscles in the legs as defined by manual muscle testing or other objective strength testing
<i>18M. In the arms proximal muscles are relatively weaker than distal muscles</i>	Muscle grades for proximal muscles in the arms are relatively lower than distal muscles in the arms as defined by manual muscle testing or other objective strength testing
19M In the legs distal muscles are relatively weaker than proximal muscles	Distal muscles in the legs are relatively weaker than proximal muscles in the legs as defined by manual muscle testing or other objective strength testing
20M In the arms distal muscles are relatively weaker than proximal muscles	Distal muscles in the arms are relatively weaker than proximal muscles in the arms as defined by manual muscle testing or other objective strength testing
21M. Muscle tenderness	Pain in any muscle induced by squeezing or palpating the muscle
22M. Muscle atrophy of distal forearms	Objective clinical evidence by physical exam of decreased distal forearm muscle mass
23M. Muscle atrophy of thighs	Objective clinical evidence by physical exam of decreased thigh muscle mass
Skin Variables – present at any time during the disease course	Definition
<i>1S. Heliotrope rash</i>	Purple, lilac-colored or erythematous patches over the eyelids or in a periorbital distribution, often associated with periorbital edema
<i>2S. Gottron’s papules</i>	Erythematous to violaceous papules over the extensor surfaces of joints, which are sometimes scaly. May occur over the finger joints, elbows, knees, malleoli and toes.
<i>3S. Gottron’s sign</i>	Erythematous to violaceous macules over the extensor surfaces of joints, which are not palpable
<i>4S. Erythema of the back of the neck and shoulders (Shawl sign)</i>	Confluent erythema around the posterior base of the neck, back and upper shoulders, often in the distribution of a shawl
<i>5S. Erythema of the neck (V-sign)</i>	Confluent erythema around the anterior base of the neck and the upper chest, often in the shape of a “V”
<i>6S. Periorbital edema</i>	Swelling around the one or both orbits
7S. Linear extensor erythema	Erythema specifically located over the extensor tendon sheaths of the hands, forearms, feet and/or forelegs
8S. Calcification	Dystrophic calcium deposits, observed clinically or by imaging, which involves the skin, subcutaneous tissue, fascia or muscle
9S. Periungual erythema or nailfold capillary abnormality	Erythema proximal to the nail bed or dilatation of periungual capillaries, which may be accompanied by vessel dropout or tortuosity, and which is visible by naked eye examination or with magnification such as with otoscopy or by use of the ophthalmoscope
10S. Mechanic’s hands	Scaling or cracking of the skin over the lateral or palmar

	aspects of the fingers or thumbs
11S. Photodistributed violaceous erythema	Erythema over the face which may be isolated malar erythema, but may include more extensive erythema including periorbital, chin, temporal, ear and frontal regions
12S. Raynaud's phenomenon	Discoloration of fingertips or other acral areas (two or three colors) to emotion or cold
13S. Cuticular overgrowth	Enlargement or overgrowth of the cuticle onto the nailbed
14S. Poikiloderma	A fine speckled pattern of hyperpigmented and hypopigmented macules interspersed with fine teleangiectasia and cutaneous atrophy
Other Clinical Variables – present at any time during the disease course	Definition
1O. Family history of autoimmune disease	Patient history or documentation that one or more of the diseases listed in Appendix A were diagnosed in a blood relative.
2O. Family history of muscle disease	Patient history or documentation that one or more of the diseases listed in Appendix B were diagnosed in a blood relative
3OA. Acute onset (days to 2 weeks) of symptoms	Onset and progression, from days to 2 weeks, of the first symptoms of the syndrome to the full disease presentation
3OB. Subacute onset (> 2 weeks to ≤ 2 months) of symptoms	Onset and progression, from 2 weeks to 2 months, of the first symptoms of the syndrome to the full disease presentation
3OC. Insidious onset of symptoms > 2 months to years	Onset and progression of the syndrome to the full disease presentation over a time period of more than 2 months
4O. History of episodic weakness associated with exercise or fasting	Patient report of weakness after exercise or fasting, which is intermittent, rather than continuous
5O. <i>Arthritis</i>	Inflammation, including swelling, warmth, tenderness, and/or redness of one or more joints detected by physical exam
6O. <i>Polyarthralgia</i>	Pain in two or more joints reported by the patient
7O. Joint contractures	Fixed limitation in the normal range of motion of joints in the absence of synovitis excluding reducible deformities, avascular necrosis and deforming arthropathy.
8O. <i>Unexplained fevers</i>	Two or more episodes of documented body temperature of ≥ 38 degrees Celsius without obvious cause
9O. Interstitial lung disease	Radiologic (chest x-ray or chest CT scan) documentation of inflammation or scarring (fibrosis) of the parenchyma of the lung
10O. Dysphagia or esophageal dysmotility	Difficulty in swallowing or objective evidence of abnormal motility of the esophagus

11O. Objective improvement in strength or other disease manifestation after an adequate trial of glucocorticoid therapy and/or other immunosuppressive or immune modulating therapy for at least 8 weeks.	Documented increased strength after an adequate glucocorticoid treatment trial (definition: corticosteroids: – prednisone ≥ 0.75 -2 mg/kg/day (or equivalent)) or after an adequate treatment trial with another form of immunosuppressive therapy for 8 weeks (for methotrexate, ≥ 10 mg/week (children: ≥ 0.3 mg/kg/week); for azathioprine 75 mg/d (or 2 mg/kg/day) or other (Check all that apply.)
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Muscle Biopsy Variables – from any biopsy	Definition
<i>1B. Necrosis of type I and type II muscle fibers, phagocytosis, degeneration of myofibers</i>	Necrotic or degenerating fibers appear pale and loose the cross-striations associated with the contractile apparatus. Vacuolation, or myofibrillar rarefaction may be seen. They may be invaded by macrophages (Phagocytosis) and vary in diameter with accompanying mononuclear infiltrates
<i>2B. Regeneration of myofibers</i>	Fibers with focal basophilia with large nuclei
<i>3B. Endomysial, infiltration of mononuclear cells (MNCs) surrounding but not invading, myofibers</i>	<i>Muscle biopsy reveals endomysial mononuclear cells abutting the sarcolemma of otherwise healthy, non-necrotic muscle fibers, but there is no clear invasion of the muscle fibers</i>
<i>4B. Non-necrotic fibers surrounded and invaded by MNCs</i>	Muscle biopsy reveals mononuclear cells surrounding and invading otherwise healthy, non-necrotic muscle fibers.
<i>5B. Perimysial and/or perivascular infiltration of (MNCs)</i>	Mononuclear cells are located in the perimysium and/or located around blood vessels (in either perimysial or endomysial vessels).
<i>6B. Perifascicular atrophy</i>	Muscle biopsy reveals several rows of muscle fibers which are smaller in the perifascicular region than fibers more centrally located.
7B. Vacuolated muscle fibers	Muscle biopsy reveals multiple muscle fibers containing vacuoles
8B. Rimmed vacuoles	Rimmed vacuoles are bluish by Hematoxylin and Eosin staining and reddish by modified Gomori- Trichrome stains.
9B. Ragged red fibers, or cytochrome C oxidase negative fibers	Ragged red fibers: On modified Gomori-Trichrome, staining fibers may appear to contain cracks and increased red stain in the subsarcolemmal regions. These fibers may stain intensely blue with nicotinic acid adenine dinucleotide dehydrogenase (NADH) or succinate dehydrogenase (SDH) stain or have absent or diminished staining with cytochrome C oxidase stain.
<i>10B. Many necrotic muscle fibers as the predominant feature. Inflammatory cells are sparse; perimysial infiltrate is not evident.</i>	The major feature of the biopsy is necrotic muscle fibers. There may be phagocytosis of necrotic fibers but otherwise there is minimal inflammatory cell infiltrate evident except in the vicinity of necrotic muscle fibres and no perimysial infiltrate by routine histochemistry

	(Hematoxylin and Eosin or Trichrome stains)			
11B Immunohistochemistry stainings available yes/no	Yes: No:			
12B. MHC Class I antigen present on scattered or more muscle fibers	Immunostaining reveals expression of MHC class I on the sarcolemma of scattered or more generally on muscle fibers.			
13B. Endomysial CD8+ cells surrounding myofibers with MHC Class I expression on myofibers	Immunohistochemistry of the muscle biopsy reveals CD8 + T cells surrounding otherwise healthy, non-necrotic muscle fibers that express MHC class I antigen on their sarcolemma.			
14B. Membrane attach complex (MAC) depositions on small blood vessels, , or	Immunocytochemistry demonstrates deposition of membrane attack complex (MAC, C5b-9) on or around small blood vessels.			
15B. Reduced capillary density	<i>Reduced capillary density as appreciated on quantitative analysis</i>			
16B MHC-1 expression of perifascicular fibers	<i>MHC-class 1 expression is predominant on perifascicular muscle fibers</i>			
17B. Electron microscopy information available y/n	Yes: No:			
18B. Tubuloreticular inclusions in endothelial cells on electron microscopy	<i>Tubuloreticular inclusions are evident in endothelial cells on electron microscopy</i>			
19B. Intracellular amyloid deposits	Intracellular amyloid deposits are evident in electron microscopy			
20B.15-18 nm tubulofilaments by electron microscopy (EM)				
Laboratory Variables – record the highest values during the disease course	Definition			
1L. Serum Creatine kinase (CK) activity	Please list the highest absolute value available and the upper limits of normal with units			
2L. Serum Lactate dehydrogenase (LDH) activity	Please list absolute values and upper limits of normal with units			
3L. Serum aspartate aminotransferase (ASAT/AST/SGOT) activity	Please list absolute values and upper limits of normal with units			
4L. Serum alanine aminotransferase (ALAT/ALT/SGPT) activity	Please list absolute values and upper limits of normal with units			
5L. Serum Aldolase activity	Please list absolute values and upper limits of normal with units			
6L. Erythrocyte sedimentation rate (ESR)	Please list absolute values and upper limits of normal with units			
7L. C-reactive protein (CRP)	Please list absolute values and upper limits of normal with units			
8L. Autoantibody tests available y/n	Yes:		No:	
9L. Autoantibodies	Positive	Negative	Not tested	
ANA				
Anti-Jo-1 (anti-His)				
Anti-Mi-2				
Anti-SRP				
Anti-Ku				
Anti- PL7				
Anti- PL-12				
Anti PM-Scl				
Anti-SSA				

Anti-Ro52/SSA				
Anti-Ro60/SSA				
Anti-La/SSB				
Anti-ribonucleoprotein (RNP)-70K (U1snRNP)				
Anti-RNP-A				
Anti-RNP-C				
Anti-Centromere B (ACA)				
Anti-Topoisomerase-1/Scl70,				
Anti-Ribosomal P antigen				
Anti-Sm				
Anti-SmB				
Anti-SmD				
RF				
Anti-CCP				
Other, please specify below				

EMG performed y/n	Yes:	No:
1. . <i>Electromyogram (EMG) - Increased insertional and spontaneous activity in the form of fibrillation potentials, positive sharp waves, or complex repetitive discharges</i>	Increased insertional activity: upon insertion of the EMG needle there are fibrillation potentials, positive sharp waves, or complex repetitive discharges or myotonic discharges. Increased spontaneous activity: fibrillation potentials, positive sharp waves, complex repetitive discharges or pseudomyotonic discharges are seen on needle EMG even when the needle is resting in the muscle without further movement	
2. . <i>EMG - Morphometric analysis reveals the presence of short duration, small amplitude, polyphasic motor unit action potentials (MUAPs)</i>	Analysis of at least 20 individual motor unit action potentials reveals that the average duration is short, amplitude is small, and phases are greater than 4.	
MRI performed y/n	Yes:	No:
1. Muscle oedema on STIR or T2-weighted magnetic resonance imaging (MRI)	Increased signal in muscle, often symmetric, by short tau inversion recovery (STIR)- or T-2 weighted MRI imaging, without other known cause	
2. Muscle atrophy or replacement of muscle by fat on T1-weighted MRI scanning consistent with myositis	Decreased muscle volume (i.e., muscle atrophy) or increased fat content of muscle by T1-weighted MRI imaging, without other known cause	
13L. Skin biopsy compatible with dermatomyositis (or lupus)	Biopsy findings consistent with dermatomyositis or lupus (these could include: intradermal or perivascular inflammatory cell infiltrate, liquefaction, basal cell degeneration, epidermal atrophy, hyperkeratosis, melanin incontinence, mucin deposition)	
<u>Other features important in making the diagnosis not listed above</u>	Any other documented clinical signs, symptoms or laboratory findings, not listed above, that were important in diagnosing the patient	

Appendix A. List of autoimmune diseases, adult or juvenile onset, to be considered for family history question 10. Specify in the comments box.

- Addison's Disease
- Alopecia Areata
- Autoimmune Hemolytic Anemia
- Autoimmune Thrombocytopenia
- Autoimmune thyroid diseases - Graves Disease or Hashimoto's
- Behcet's Disease
- Celiac Disease
- Goodpasture's syndrome
- Henoch Schonlein Purpura
- Inflammatory bowel disease - Crohn's disease or Ulcerative colitis
- Mixed connective tissue disease
- Multiple Sclerosis
- Myasthenia Gravis
- Myositis - Polymyositis, Dermatomyositis or Inclusion body myositis
- Pemphigus
- Pernicious anemia
- Polyarteritis nodosa
- Primary biliary cirrhosis
- Psoriasis
- Rheumatoid arthritis or juvenile rheumatoid arthritis
- Scleroderma (Systemic sclerosis)
- Sjogren's Syndrome
- Systemic Lupus Erythematosus (Lupus)
- Thyroiditis
- Type 1 diabetes
- Vitiligo
- Wegener's Granulomatosis
- Other, please specify below
- None
- No information available

Other (please specify) _____

Appendix B. List of muscle diseases, adult or juvenile onset, to be considered for family history question 20. Specify in the comments box.

- Drug or toxin associated myopathy
- Endocrine myopathy
- Infectious myopathy
- Metabolic myopathy
- Mitochondrial myopathy
- Motor neuron disease
- Muscular Dystrophy
- No information available
- None
- Non-inflammatory inclusion body myopathy

Other, please specify _____