

Published RCTs for PM and DM

<i>Study</i>	<i>Myositis types</i>
Bunch 1980	new PM no cancer
Miller F 1992	PM and DM no cancer
Dalakas 1993	DM
Villalba 1998	PM and DM no cancer
Vencovsky 2000	PM and DM

Diagnostic inclusion criteria

Published studies

	weak- ness	rash	biopsy	EMG	CK
Bunch 1980	+		+	+	+
Miller 1992 *	+	+	+	+	+
Dalakas 1993 **	+	+	+		
Villalba 1998 *	+	+	+	+	+
Vencovsky 2000 *	+	+	+	+	+

* Reference to Bohan and Peter's definite PM/DM (1975)

** Reference to Dalakas NEJM 1991;325:1487-1497

Specifications of criteria

<i>publication</i>	<i>Weakness</i>
Bohan and Peter 1975	symmetrical of limb-girdle and anterior neck flexor muscles, progressing over weeks to months
Bunch 1980	proximal
Dalakas 1991	prox>distal sparing eyes and face, onset in weeks to months, rapid progression

Specifications of criteria

<i>publication</i>	<i>rash</i>
Bohan and Peter 1975	heliotrope periorbital edema Gottron's sign involvement of knees, elbows, medial malleoli, face, neck, upper torso
Bunch 1980	DM not included
Dalakas 1991	rash as in B&P, or calcinosis

Specifications of criteria

<i>publication</i>	<i>muscle biopsy</i>
Bohan and Peter 1975	necrosis, phagocytosis, regeneration, perifascicular atrophy, fiber size variation, inflammatory exudate, often perivascular
Bunch 1980	“characteristic”
Dalakas 1991	necrosis often in groups, phagocytosis, regeneration, perifascicular atrophy 50-90%, inflammatory infiltrates perifascicular, perivascular, endothelial hyperplasia with tubuloreticular profiles, obliteration of capillaries

Specifications of criteria

<i>publication</i>	<i>EMG</i>
Bohan and Peter 1975	<i>all of the following:</i> <ul style="list-style-type: none">• short, small, polyphasic MUPs• spontaneous muscle fiber activity• high-frequency repetitive discharges
Bunch 1980	<i>all of the following:</i> <ul style="list-style-type: none">• short and small MUPs• increased polyphasic MUPs• spontaneous muscle fiber activity
Dalakas 1991	?

Specifications of criteria

<i>publication</i>	<i>Serum CK activity</i>
Bohan and Peter 1975	elevated
Bunch 1980	elevated
Dalakas 1991	-

Diagnostic exclusion criteria

Published studies

Bohan and Peter 1975

Neurologic disease: *neurologic examination, nerve conduction, biopsy*

Muscular dystrophy: *history (course, family), neurologic examination*

Sarcoidosis: *muscle biopsy*

Infections

Myotoxic drugs and toxins

Rhabdomyolysis

Metabolic myopathies (McArdle's)

Endocrinopathies

Myasthenia gravis: *repetitive nerve stimulation*

In published RCTs also:

Inclusion body myositis: *muscle biopsy*

Diagnostic exclusion criteria

Published studies

Dalakas 1991

Family history of neuromuscular disease

Endocrinopathies

Myotoxic drugs and toxins

“Biochemical muscle disease”: *muscle biopsy*

Inclusion body myositis