

**Supplementary Table S1.** Initial treatment of typical PM, MSA-negative IMNM and un-specific myositis patients.

	Typical PM (n=6)	MSA-negative IMNM (n=29)	Unspecific myositis (n=10)
<b>Glucocorticoid<sup>a</sup></b>			
Low/medial dose	3 (50.0)	9 (31.0)	7 (70.0)
High dose	3 (50.0)	20 (69.0)	3 (30.0)
<b>Immunosuppressants</b>	4 (66.7)	22 (75.9)	6 (60.0)
Methotrexate	2 (33.3)	14 (48.3)	4 (40.0)
Cyclophosphamide	0	1 (3.4)	2 (20.0)
Hydroxychloroquine	1 (16.7)	2 (6.9)	0
Azathioprine	0	2 (6.9)	0
Cyclosporine	1 (16.7)	3 (10.3)	0
Mycophenolate mofetil	0	1 (3.4)	0
IVIG	0	5 (17.2)	0
Tocilizumab	0	1 (3.4)	0

PM: polymyositis; IMNM: immune-mediated necrotising myopathy; MSA: myositis-specific antibodies; IVIG: intravenous immunoglobulin.

<sup>a</sup>Low, medial, and high glucocorticoid doses were equivalent to prednisone less than 0.2mg/kg/d, 0.2 mg/kg/d to 0.5 mg/kg/d, and more than 0.5 mg/kg/d, respectively.