



Figure 1. Diagnostic evaluation for spinal muscular atrophy. A diagnostic algorithm for spinal muscular atrophy and other neuromuscular disorders. The Standard of Care Committee recommends the stepwise diagnostic procedure outlined in this flow chart when encountering patients with clinical symptoms of spinal muscular atrophy (SMA). Please see text for detailed explanation of this diagram. EMG = electromyography; NCS = nerve conduction study; RNS = repetitive nerve stimulation; CK = creatine kinase; NMJ = neuromuscular junction; MRI = magnetic resonance imaging; SMARD = spinal muscular atrophy with respiratory distress; X-SMA = X-link SMA; ALS = amyotrophic lateral sclerosis.