

MDCC Action Plan Implementation Grid

Research Objective Groups	CDC	DoD	FSH Soc	HRSA	NIAMS	NHLBI	NICHD	NINDS	MDA	PPMD
Mechanisms of Muscular Dystrophy										
Disease-Specific Pathogenic Mechanisms		x	x		x	x		x	x	x
General Pathogenic Mechanisms		x	x		x	x		x	x	
Infrastructure Needs		x	x		x			x	x	
Diagnosis and Screening of Muscular Dystrophy										
Technology for Diagnostic Testing			x		x		x	x		
Resources for the Research Community Related to Diagnosis	x		x		x		x	x		
Muscle Imaging as a Diagnostic Tool		x	x		x		x		x	x
Epidemiology Studies Based on Genetic Diagnosis	x		x		x		x			
Neonatal Testing for Muscular Dystrophy	x		x		x		x			
Therapy of Muscular Dystrophy										
Corticosteroids and Anti-Inflammatory Drugs		x	x		x			x	x	x
Growth Factor Modulation		x	x		x			x	x	x
Cell-Based Therapy		x	x		x			x	x	x
Viral Vector Gene Therapy		x			x			x	x	x
Gene Repair		x	x		x			x	x	x
High-Throughput Screening and Translational Research		x	x		x			x	x	x
Cardiopulmonary Care			x		x				x	x
Infrastructure Needs		x	x		x			x	x	x
Living with Muscular Dystrophy										
Quality of Life Measures in Muscular Dystrophy			x	x	x		x		x	x
Clinical Endpoints in Natural History Studies and Clinical Trials			x	x	x		x			x
Consensus Guidelines for the Clinical Management of the Muscular Dystrophies	x		x	x			x		x	x

Benefits and Risks of Exercise and Physical Activity			x	x	x		x			x
Understanding and Managing the Secondary Consequences of Muscular Dystrophy			x	x	x		x		x	x
Patient and Family Education and Social Participation in the Community and Physician Training			x	x			x			x
Research Infrastructure for Muscular Dystrophy										
Preclinical Research Infrastructure		x	x		x		x	x	x	
Clinical Research and Trial Infrastructure			x		x		x		x	x
Communication and Education	x		x		x		x	x	x	x

This table denotes the components of the MDCC Action Plan that are addressed by the missions of MDCC member organizations. Please reference the MDCC Action Plan for more complete details on specific research objectives. Legend: Centers for Disease Control and Prevention (CDC), Department of Defense (DoD), FSH Society (FSH Soc), Health Resources and Services Administration (HRSA), Muscular Dystrophy Association, (MDA), National Heart Lung and Blood Institute (NHLBI), National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), National Institute of Child Health and Human Development (NICHD), National Institute of Neurological Disorders and Stroke (NINDS), and Parent Project Muscular Dystrophy (PPMD).