

CLNE0022: Skeletal Muscle and Associated Diseases

[View Online](#)

1.

Great Britain. Audit Commission for Local Authorities and the National Health Service in England and Wales. What Seems to Be the Matter Communication (National Health Service Report) [Internet]. Stationery Office; Available from:
<https://webarchive.nationalarchives.gov.uk/20150410163038/http://archive.audit-commission.gov.uk/auditcommission/aboutus/publications/pages/national-reports-and-studies-archive.aspx.html>

2.

An information leaflet for surgical patients. Annals of The Royal College of Surgeons of England [Internet]. Royal College of Surgeons of England; 1983;65(4). Available from:
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2494353/>

3.

Department of Health. Toolkit for Producing Patient Information, Version 2 [Internet]. London: Crown copyright; 2003. Available from:
<https://www.uea.ac.uk/documents/246046/0/Toolkit+for+producing+patient+information.pdf>

4.

Garner M, Ning Z, Francis J. A framework for the evaluation of patient information leaflets. Health Expectations. 2012 Sep;15(3):283-294.

5.

Prescription information leaflets: a pilot study in general practice. British Medical Journal

(Clinical research ed) [Internet]. BMJ Publishing Group; 1983;287(6400). Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1549423/>

6.

Berthelsen MP, Husu E, Christensen SB, Prahm KP, Vissing J, Jensen BR. Anti-gravity training improves walking capacity and postural balance in patients with muscular dystrophy. *Neuromuscular Disorders*. 2014 Jun;24(6):492-498.

7.

Cup EH, Pieterse AJ, ten Broek-Pastoor JM, Munneke M, van Engelen BG, Hendricks HT, van der Wilt GJ, Oostendorp RA. Exercise Therapy and Other Types of Physical Therapy for Patients With Neuromuscular Diseases: A Systematic Review. *Archives of Physical Medicine and Rehabilitation*. 2007 Nov;88(11):1452-1464.

8.

Voet NB, van der Kooi EL, Riphagen II, Lindeman E, van Engelen BG, Geurts AC. Strength training and aerobic exercise training for muscle disease. *Cochrane Database of Systematic Reviews*. 2013 Jul 9;

9.

Sveen ML, Andersen SP, Ingelsrud LH, Blichter S, Olsen NE, Jønck S, Krag TO, Vissing J. Resistance training in patients with limb-girdle and becker muscular dystrophies. *Muscle & Nerve*. 2013 Feb;47(2):163-169.

10.

Jeppesen TD, Schwartz M, Olsen DB, Wibrand F, Krag T, Duno M, Hauerslev S, Vissing J. Aerobic training is safe and improves exercise capacity in patients with mitochondrial myopathy. *Brain*. 2006 Jun 9;129(12):3402-3412.

11.

Balance and walking involvement in facioscapulohumeral dystrophy: a pilot study on the effects of custom lower limb orthoses - European Journal of Physical and Rehabilitation Medicine 2013 April;49(2):169-78 - Minerva Medica - Journals [Internet]. Available from:

<https://www.minervamedica.it/en/journals/europa-medicophysica/article.php?cod=R33Y2013N02A0169>

12.

Institute of Neurology, Queen Square, National Hospital for Neurology and Neurosurgery (London, England). Neurology: a Queen Square textbook [Internet]. Second edition. Clarke C, Howard R, Rossor M, Shorvon SD, editors. Chichester, West Sussex, UK: John Wiley & Sons, Inc; 2016. Available from:

<https://onlinelibrary.wiley.com/doi/book/10.1002/9781118486160>

13.

Neuromuscular Disease Center [Internet]. Available from: <https://neuromuscular.wustl.edu/>

14.

Barohn RJ, Dimachkie MM, Jackson CE. A Pattern Recognition Approach to Patients with a Suspected Myopathy. *Neurologic Clinics*. 2014 Aug;32(3):569-593.

15.

Jones DA, Haan A de, Round JM. *Skeletal muscle from molecules to movement: a textbook of muscle physiology for sport, exercise, physiotherapy and medicine*. Edinburgh: Churchill Livingstone; 2004.

16.

By:Gordon, AM (Gordon, AM); Homsher, E (Homsher, E); Regnier, M (Regnier, M). Regulation of contraction in striated muscle. *PHYSIOLOGICAL REVIEWS* PHYSIOLOGICAL REVIEWS [Internet]. 2000;80(2):853-924. Available from:
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=13&SID=C49BOGnSGP9s3PqA3ow&page=1&doc=1

17.

Force-velocity properties of human skeletal muscle fibres: myosin heavy chain isoform and temperature dependence. *The Journal of Physiology* [Internet]. Wiley-Blackwell; 1996;495(Pt 2). Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1160815/>

18.

Harridge SDR, Bottinelli R, Canepari M, Pellegrino MA, Reggiani C, Esbjörnsson M, Saltin B. Whole-muscle and single-fibre contractile properties and myosin heavy chain isoforms in humans. *Pflügers Archiv - European Journal of Physiology*. 1996 Sep;432(5):913–920.

19.

Hunter S, White M, Thompson M. Techniques to Evaluate Elderly Human Muscle Function: A Physiological Basis. *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences*. 1998 May 1;53A(3):B204–B216.

20.

O'Brien TD, Reeves ND, Baltzopoulos V, Jones DA, Maganaris CN. In vivo measurements of muscle specific tension in adults and children. *Experimental Physiology*. 2010 Jan 1;95(1):202–210.

21.

Atherton PJ, Smith K. Muscle protein synthesis in response to nutrition and exercise. *The Journal of Physiology*. 2012 Mar 1;590(5):1049–1057.

22.

Baar K. Using Molecular Biology to Maximize Concurrent Training. *Sports Medicine*. 2014 Nov;44(S2):117–125.

23.

Rennie MJ, Wackerhage H, Spangenburg EE, Booth FW. Control of the Size of the Human Muscle Mass. *Annual Review of Physiology*. 2004 Mar;66(1):799–828.

24.

Kadi F. Cellular and molecular mechanisms responsible for the action of testosterone on human skeletal muscle. A basis for illegal performance enhancement. *British Journal of Pharmacology*. 2008 Jun;154(3):522–528.

25.

Velloso CP. Regulation of muscle mass by growth hormone and IGF-I. *British Journal of Pharmacology*. 2008 Jun;154(3):557–568.

26.

Marcotte GR, West DWD, Baar K. The Molecular Basis for Load-Induced Skeletal Muscle Hypertrophy. *Calcified Tissue International*. 2015 Mar;96(3):196–210.

27.

Egner IM, Bruusgaard JC, Eftestøl E, Gundersen K. A cellular memory mechanism aids overload hypertrophy in muscle long after an episodic exposure to anabolic steroids. *The Journal of Physiology*. 2013 Dec 15;591(24):6221–6230.

28.

Atherton PJ, Smith K. Muscle protein synthesis in response to nutrition and exercise. *The Journal of Physiology*. 2012 Mar 1;590(5):1049–1057.

29.

Fitts RH, Trappe SW, Costill DL, Gallagher PM, Creer AC, Colloton PA, Peters JR, Romatowski JG, Bain JL, Riley DA. Prolonged space flight-induced alterations in the structure and function of human skeletal muscle fibres. *The Journal of Physiology*. 2010 Sep 15;588(18):3567–3592.

30.

By:jones, SW (Jones, SW); Hill, RJ (Hill, RJ); Krasney, PA (Krasney, PA); O'Conner, B (O'Conner, B); Peirce, N (Peirce, N); Greenhaff, PL (Greenhaff, PL). Disuse atrophy and exercise rehabilitation in humans profoundly affects the expression of genes associated with the regulation of skeletal muscle mass. *FASEB JOURNAL* FASEB JOURNAL [Internet]. 2004;18(6). Available from:

http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=6&SID=C49BOGnSGP9s3PqA3ow&page=1&doc=1

31.

Rennie MJ, Wackerhage H, Spangenburg EE, Booth FW. Control of the Size of the Human Muscle Mass. *Annual Review of Physiology*. 2004 Mar;66(1):799-828.

32.

Shavlakadze T, Grounds M. Of bears, frogs, meat, mice and men: complexity of factors affecting skeletal muscle mass and fat. *BioEssays*. 2006 Oct;28(10):994-1009.

33.

Puthucheary ZA, Rawal J, McPhail M, Connolly B, Ratnayake G, Chan P, Hopkinson NS, Padhke R, Dew T, Sidhu PS, Velloso C, Seymour J, Agley CC, Selby A, Limb M, Edwards LM, Smith K, Rowlerson A, Rennie MJ, Moxham J, Harridge SDR, Hart N, Montgomery HE. Acute Skeletal Muscle Wasting in Critical Illness. *JAMA*. 2013 Oct 16;310(15).

34.

Wiggs MP. Can endurance exercise preconditioning prevent disuse muscle atrophy? *Frontiers in Physiology*. 2015 Mar 11;6.

35.

Baar K. Using Molecular Biology to Maximize Concurrent Training. *Sports Medicine*. 2014 Nov;44(S2):117-125.

36.

Craig DM, Ashcroft SP, Belew MY, Stocks B, Currell K, Baar K, Philp A. Utilizing small nutrient compounds as enhancers of exercise-induced mitochondrial biogenesis. *Frontiers in Physiology*. 2015 Oct 27;6.

37.

Hoier B, Hellsten Y. Exercise-Induced Capillary Growth in Human Skeletal Muscle and the Dynamics of VEGF. *Microcirculation*. 2014 May;21(4):301-314.

38.

Hardie DG, Sakamoto K. AMPK: A Key Sensor of Fuel and Energy Status in Skeletal Muscle. *Physiology*. 2006 Feb;21(1):48-60.

39.

Hawley JA, Hargreaves M, Joyner MJ, Zierath JR. Integrative Biology of Exercise. *Cell*. 2014 Nov;159(4):738-749.

40.

Briggs D, Morgan JE. Recent progress in satellite cell/myoblast engraftment - relevance for therapy. *FEBS Journal*. 2013 Sep;280(17):4281-4293.

41.

Zammit PS, Golding JP, Nagata Y, Hudon V, Partridge TA, Beauchamp JR. Muscle satellite cells adopt divergent fates. *The Journal of Cell Biology*. 2004 Aug 2;166(3):347-357.

42.

Boldrin L, Morgan JE. Activating muscle stem cells: therapeutic potential in muscle diseases. *Current Opinion in Neurology*. 2007 Oct;20(5):577-582.

43.

Boldrin L, Zammit PS, Morgan JE. Satellite cells from dystrophic muscle retain regenerative capacity. *Stem Cell Research*. 2015 Jan;14(1):20-29.

44.

Ross J, Benn A, Jonuschies J, Boldrin L, Muntoni F, Hewitt JE, Brown SC, Morgan JE. Defects in Glycosylation Impair Satellite Stem Cell Function and Niche Composition in the Muscles

of the Dystrophic Large
Oct;30(10):2330-2341.

Mouse. STEM CELLS. 2012

45.

Neuropathology and Applied Neurobiology. Volume 43, Issue 1. Available from:
<https://onlinelibrary.wiley.com/toc/13652990/2017/43/1>

46.

Dubowitz V, Sewry CA, Oldfors A. Muscle biopsy: a practical approach. Fourth edition.
[Philadelphia, Pa.]: Saunders Elsevier; 2013.

47.

Hollingsworth KG, de Sousa PL, Straub V, Carlier PG. Towards harmonization of protocols for MRI outcome measures in skeletal muscle studies: Consensus recommendations from two TREAT-NMD NMR workshops, 2 May 2010, Stockholm, Sweden, 1–2 October 2009, Paris, France. Neuromuscular Disorders. 2012 Oct;22:S54–S67.

48.

Wattjes MP, Fischer D. Neuromuscular imaging [Internet]. New York: Springer; 2013.
Available from:
http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3320980190004761&institutionId=4761&customerId=4760

49.

Forbes SC, Willcocks RJ, Triplett WT, Rooney WD, Lott DJ, Wang DJ, Pollaro J, Senesac CR, Daniels MJ, Finkel RS, Russman BS, Byrne BJ, Finanger EL, Tennekoon GI, Walter GA, Sweeney HL, Vandeborne K. Magnetic Resonance Imaging and Spectroscopy Assessment of Lower Extremity Skeletal Muscles in Boys with Duchenne Muscular Dystrophy: A Multicenter Cross Sectional Study. PLoS ONE. 2014 Sep 9;9(9).

50.

Glover GH, Schneider E. Three-point dixon technique for true water/fat decomposition

with B0 inhomogeneity correction. *Magnetic Resonance in Medicine*. 1991 Apr;18(2):371–383.

51.

Willcocks RJ, Rooney WD, Triplett WT, Forbes SC, Lott DJ, Senesac CR, Daniels MJ, Wang DJ, Harrington AT, Tennekoon GI, Russman BS, Finanger EL, Byrne BJ, Finkel RS, Walter GA, Sweeney HL, Vandenborne K. Multicenter prospective longitudinal study of magnetic resonance biomarkers in a large duchenne muscular dystrophy cohort. *Annals of Neurology*. 2016 Apr;79(4):535–547.

52.

Hogrel JY, Wary C, Moraux A, Azzabou N, Decostre V, Ollivier G, Canal A, Lilien C, Ledoux I, Annoussamy M, Reguiba N, Gidaro T, Le Moing AG, Cardas R, Voit T, Carlier PG, Servais L. Longitudinal functional and NMR assessment of upper limbs in Duchenne muscular dystrophy. *Neurology*. 2016 Mar 15;86(11):1022–1030.

53.

Kim HK, Serai S, Lindquist D, Merrow AC, Horn PS, Kim DH, Wong BL. Quantitative Skeletal Muscle MRI: Part 2, MR Spectroscopy and T2 Relaxation Time Mapping—Comparison Between Boys With Duchenne Muscular Dystrophy and Healthy Boys. *American Journal of Roentgenology*. 2015 Aug;205(2):W216–W223.

54.

Muntoni F, Torelli S, Ferlini A. Dystrophin and mutations: one gene, several proteins, multiple phenotypes. *The Lancet Neurology*. 2003 Dec;2(12):731–740.

55.

Bushby K, Finkel R, Birnkrant DJ, Case LE, Clemens PR, Cripe L, Kaul A, Kinnett K, McDonald C, Pandya S, Poysky J, Shapiro F, Tomezsko J, Constantin C. Diagnosis and management of Duchenne muscular dystrophy, part 1: diagnosis, and pharmacological and psychosocial management. *The Lancet Neurology*. 2010 Jan;9(1):77–93.

56.

Bushby K, Finkel R, Birnkrant DJ, Case LE, Clemens PR, Cripe L, Kaul A, Kinnett K, McDonald C, Pandya S, Poysky J, Shapiro F, Tomezsko J, Constantin C. Diagnosis and management of Duchenne muscular dystrophy, part 2: implementation of multidisciplinary care. *The Lancet Neurology*. 2010 Feb;9(2):177-189.

57.

Ricotti V, Ridout DA, Scott E, Quinlivan R, Robb SA, Manzur AY, Muntoni F, Manzur A, Muntoni F, Robb S, Quinlivan R, Ricotti V, Main M, Bushby K, Straub V, Sarkozy A, Guglieri M, Strehle E, Eagle M, Mayhew A, Roper H, McMurchie H, Childs A, Pysden K, Pallant L, Spinty S, Peachey G, Shillington A, Wraige E, Jungbluth H, Sheehan J, Spahr R, Hughes I, Bateman E, Cammiss C, Willis T, Groves L, Emery N, Baxter P, Senior M, Hartley L, Parsons B, Majumdar A, Jenkins L, Naismith K, Keddie A, Horrocks I, Di Marco M, Chow G, Miah A. Long-term benefits and adverse effects of intermittent versus daily glucocorticoids in boys with Duchenne muscular dystrophy. *Journal of Neurology, Neurosurgery & Psychiatry*. 2013 Jun 1;84(6):698-705.

58.

Goemans NM, Tulinius M, van den Akker JT, Burm BE, Ekhart PF, Heuvelmans N, Holling T, Janson AA, Platenburg GJ, Sipkens JA, Sitsen JMA, Aartsma-Rus A, van Ommen GJB, Buyse G, Darin N, Verschuur JJ, Campion GV, de Kimpe SJ, van Deutekom JC. Systemic Administration of PRO051 in Duchenne's Muscular Dystrophy. *New England Journal of Medicine*. 2011 Apr 21;364(16):1513-1522.

59.

Mendell JR, Rodino-Klapac LR, Sahenk Z, Roush K, Bird L, Lowes LP, Alfano L, Gomez AM, Lewis S, Kota J, Malik V, Shontz K, Walker CM, Flanigan KM, Corridore M, Kean JR, Allen HD, Shilling C, Melia KR, Sazani P, Saoud JB, Kaye EM. Eteplirsen for the treatment of Duchenne muscular dystrophy. *Annals of Neurology*. 2013 Nov;74(5):637-647.

60.

Mendell JR, Goemans N, Lowes LP, Alfano LN, Berry K, Shao J, Kaye EM, Mercuri E. Longitudinal effect of eteplirsen versus historical control on ambulation in Duchenne muscular dystrophy. *Annals of Neurology*. 2016 Feb;79(2):257-271.

61.

Kinali M, Arechavala-Gomeza V, Feng L, Cirak S, Hunt D, Adkin C, Guglieri M, Ashton E,

Abbs S, Nihoyannopoulos P, Garralda ME, Rutherford M, Mcculley C, Popplewell L, Graham IR, Dickson G, Wood MJ, Wells DJ, Wilton SD, Kole R, Straub V, Bushby K, Sewry C, Morgan JE, Muntoni F. Local restoration of dystrophin expression with the morpholino oligomer AVI-4658 in Duchenne muscular dystrophy: a single-blind, placebo-controlled, dose-escalation, proof-of-concept study. *The Lancet Neurology*. 2009 Oct;8(10):918–928.

62.

Cirak S, Arechavala-Gomeza V, Guglieri M, Feng L, Torelli S, Anthony K, Abbs S, Garralda ME, Bourke J, Wells DJ, Dickson G, Wood MJ, Wilton SD, Straub V, Kole R, Shrewsbury SB, Sewry C, Morgan JE, Bushby K, Muntoni F. Exon skipping and dystrophin restoration in patients with Duchenne muscular dystrophy after systemic phosphorodiamidate morpholino oligomer treatment: an open-label, phase 2, dose-escalation study. *The Lancet*. 2011 Aug;378(9791):595–605.

63.

Bushby K, Finkel R, Wong B, Barohn R, Campbell C, Comi GP, Connolly AM, Day JW, Flanigan KM, Goemans N, Jones KJ, Mercuri E, Quinlivan R, Renfroe JB, Russman B, Ryan MM, Tulinius M, Voit T, Moore SA, Lee Sweeney H, Abresch RT, Coleman KL, Eagle M, Florence J, Gappmaier E, Glanzman AM, Henricson E, Barth J, Elfring GL, Reha A, Spiegel RJ, O'donnell MW, Peltz SW, McDonald CM. Ataluren treatment of patients with nonsense mutation dystrophinopathy. *Muscle & Nerve*. 2014 Oct;50(4):477–487.

64.

Paganoni S, Amato A. Electrodiagnostic Evaluation of Myopathies. *Physical Medicine and Rehabilitation Clinics of North America*. 2013 Feb;24(1):193–207.

65.

Fuglsang-Frederiksen A. The role of different EMG methods in evaluating myopathy. *Clinical Neurophysiology*. 2006 Jun;117(6):1173–1189.

66.

Machado P, Brady S, Hanna MG. Update in inclusion body myositis. *Current Opinion in Rheumatology*. 2013 Nov;25(6):763–771.

67.

Machado PM, Dimachkie MM, Barohn RJ. Sporadic inclusion body myositis. *Current Opinion in Neurology*. 2014 Oct;27(5):591-598.

68.

Machado PM, Ahmed M, Brady S, Gang Q, Healy E, Morrow JM, Wallace AC, Dewar L, Ramdharry G, Parton M, Holton JL, Houlden H, Greensmith L, Hanna MG. Ongoing Developments in Sporadic Inclusion Body Myositis. *Current Rheumatology Reports*. 2014 Dec;16(12).

69.

Ahmed M, Machado PM, Miller A, Spicer C, Herbelin L, He J, Noel J, Wang Y, McVey AL, Pasnoor M, Gallagher P, Statland J, Lu CH, Kalmar B, Brady S, Sethi H, Samandouras G, Parton M, Holton JL, Weston A, Collinson L, Taylor JP, Schiavo G, Hanna MG, Barohn RJ, Dimachkie MM, Greensmith L. Targeting protein homeostasis in sporadic inclusion body myositis. *Science Translational Medicine*. 2016 Mar 23;8(331):331ra41-331ra41.

70.

Needham M, Mastaglia FL. Sporadic inclusion body myositis: A review of recent clinical advances and current approaches to diagnosis and treatment. *Clinical Neurophysiology*. 2016 Mar;127(3):1764-1773.

71.

Schröder R, Schoser B. Myofibrillar Myopathies: A Clinical and Myopathological Guide. *Brain Pathology*. 2009 Jul;19(3):483-492.

72.

Amato AA, Greenberg SA. Inflammatory Myopathies. *CONTINUUM: Lifelong Learning in Neurology*. 2013 Dec;19:1615-1633.

73.

Olivé M, Kley RA, Goldfarb LG. Myofibrillar myopathies. *Current Opinion in Neurology*. 2013

Oct;26(5):527-535.

74.

Carstens PO, Schmidt J. Diagnosis, pathogenesis and treatment of myositis: recent advances. *Clinical & Experimental Immunology*. 2014 Mar;175(3):349-358.

75.

Dalakas MC. Inflammatory Muscle Diseases. *New England Journal of Medicine*. 2015 Apr 30;372(18):1734-1747.

76.

Darras BT, De Vivo DC, Jones HR. Neuromuscular disorders of infancy, childhood, and adolescence: a clinician's approach. Philadelphia, Penn. ; London: Butterworth-Heinemann; 2003.

77.

Baioni MTC, Ambiel CR. Spinal muscular atrophy: diagnosis, treatment and future prospects. *Jornal de Pediatria*. 2010 Aug 11;86(4):261-270.

78.

Rudnik-Schöneborn S, Hausmanowa-Petrusewicz I, Borkowska J, Zerres K. The Predictive Value of Achieved Motor Milestones Assessed in 441 Patients with Infantile Spinal Muscular Atrophy Types II and III. *European Neurology*. 2001;45(3):174-181.

79.

Russman BS, Buncher CR, White M, Samaha FJ, Iannaccone ST. Function changes in spinal muscular atrophy II and III. *Neurology*. 1996 Oct 1;47(4):973-976.

80.

Wang CH, Finkel RS, Bertini ES, Schroth M, Simonds A, Wong B, Aloysius A, Morrison L,

Main M, Crawford TO, Trela A. Consensus Statement for Standard of Care in Spinal Muscular Atrophy. *Journal of Child Neurology*. 2007 Aug;22(8):1027-1049.

81.

Mercuri E, Bertini E, Iannaccone ST. Childhood spinal muscular atrophy: controversies and challenges. *The Lancet Neurology*. 2012 May;11(5):443-452.

82.

Hollak CEM, Lachmann R, editors. Inherited Metabolic Disease in Adults [Internet]. Oxford University Press; 2016. Available from:
<http://www.oxfordmedicine.com/view/10.1093/med/9780199972135.001.0001/med-9780199972135>

83.

Nancy D Leslie. Very Long-Chain Acyl-Coenzyme A Dehydrogenase Deficiency. Gene Reviews [Internet]. University of Washington, Seattle; 2018; Available from:
<https://www.ncbi.nlm.nih.gov/books/NBK6816/>

84.

Thomas Wieser. Carnitine Palmitoyltransferase II Deficiency. Gene Reviews [Internet]. University of Washington, Seattle; 2017; Available from:
<https://www.ncbi.nlm.nih.gov/books/NBK1253/>

85.

Miguel A Martín. Glycogen Storage Disease Type V. Gene Reviews [Internet]. University of Washington, Seattle; 2014; Available from: <https://www.ncbi.nlm.nih.gov/books/NBK1344/>

86.

Nancy Leslie. Pompe Disease. Gene Reviews [Internet]. University of Washington, Seattle; 2017; Available from: <https://www.ncbi.nlm.nih.gov/books/NBK1261/>

87.

Ørnsgreen MC, Vissing J. Treatment Opportunities in Patients With Metabolic Myopathies. Current Treatment Options in Neurology. 2017 Nov;19(11).

88.

Olpin SE, Murphy E, Kirk RJ, Taylor RW, Quinlivan R. The investigation and management of metabolic myopathies. Journal of Clinical Pathology. 2015 Jun;68(6):410–417.

89.

Feingold B, Mahle WT, Auerbach S, Clemens P, Domenighetti AA, Jefferies JL, Judge DP, Lal AK, Markham LW, Parks WJ, Tsuda T, Wang PJ, Yoo SJ. Management of Cardiac Involvement Associated With Neuromuscular Diseases: A Scientific Statement From the American Heart Association. Circulation. 2017 Sep 26;136(13).

90.

Matthews E, Hanna MG. Skeletal muscle channelopathies. In: Hilton-Jones D, Turner MR, editors. Oxford Textbook of Neuromuscular Disorders [Internet]. Oxford University Press; 2014. p. 316–325. Available from:
<http://oxfordmedicine.com/view/10.1093/med/9780199698073.001.0001/med-9780199698073-chapter-31>

91.

Hollak CEM, Lachmann R, editors. Inherited Metabolic Disease in Adults [Internet]. Oxford University Press; 2016. Available from:
<http://www.oxfordmedicine.com/view/10.1093/med/978019972135.001.0001/med-978019972135>

92.

Saudubray JM, Baumgartner MR, Walter J, editors. Inborn metabolic diseases: diagnosis and treatment. 6th edition. Berlin: Springer; 2016.

93.

Hoffmann GF, Zschocke J, Nyhan WL, editors. Inherited metabolic diseases: a clinical approach. Second edition. Berlin: Springer; 2017.