



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



HANAA ALY



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شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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Validity of Skeletal Muscle Ultrasound in Assessment of Suspected Limb- Girdle Muscular Dystrophy Patients

Thesis

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My loving mother

My loving mother-in-law...

My husband...

My father...

My kids...

And all my Family Members...

For their endless and fundamental help, love, and support.

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List of Abbreviations

Abb.	Full term
AD	Autosomal Dominant
ALS	Amyotrophic Lateral Sclerosis
ANO5	Anoctamin 5
AR	Autosomal Recessive
BMD	Becker Muscular Dystrophy
CEUS	Contrast-Enhanced Ultrasonography
CMD	Congenital Muscular Dystrophy
CNS	Central Nervous System
COL6	Collagen-6
CPK	Creatine Phosphokinase
CT	Computed Tomography
DAGC	Dystrophin-Associated Glycoprotein Complex
DMD	Duchenne Muscular Dystrophy
DTI	Diffusion Tensor Imaging
ECG	Electrocardiography
EDMD	Emery-Dreifuss Muscular Dystrophy
EMG	Electromyography
ENMC	European Neuromuscular Centre
FF	Fat Fraction
FSHD	Facioscapulohumeral Muscular Dystrophy
GDP	Guanosine Diphosphate
HS	Highly Significant
IBM	Inclusion Body Myositis
IQR	Inter-Quartile Range
LGMD	Limb-Girdle Muscular Dystrophy
LL	Lower Limb
LOPD	Late-Onset Pompe Disease
MD	Muscular Dystrophy
MRE	Magnetic Resonance Elastography

List of Abbreviations Cont...

Abb.	Full term
MRI	Magnetic Resonance Imaging
MRS	Magnetic Resonance Spectroscopy
MT	Myotonic Dystrophy
MUS	Muscle Ultrasound
NCS	Nerve Conduction Study
NGS	Next Generation Sequencing
NMDs	Neuromuscular Disorders
NMT	Neuromyotonia
NS	Non-Significant
QMRI	Quantitative Magnetic Resonance Imaging
QMUS	Quantitative Muscle Ultrasound
ROC	Receiver Operating Characteristic
S	Significant
SD	Standard Deviation
SMA	Spinal Muscular Atrophy
STIR	Short-Tau Inversion Recovery
SWE	Shear Wave Elastography
UL	Upper Limb
US	Ultrasound

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