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Quantitative Electromyography in Myopathy

Thesis

*Submitted in Partial Fulfillment for the MD degree of Clinical
Neurophysiology.*

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Abstract

Conventional EMG and Quantitative EMG(Quantitative MUAP analysis, SFEMG and Macro EMG) were carried out for 20 control subjects, 40 myopathic patients and 16 of their siblings. Those techniques were of high diagnostic value in the early detection of myopathic changes in patients and their siblings. The QEMG parameters were correlated with the clinical data. Muscle biopsy was carried out for 19 patients, it was correlated to the clinical and QEMG Findings and was diagnostic in all patients.

Key word:

(QEMG-QMUAP- SFEMG- Macro EMG – myopathy- muscle biopsy)

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CONTENTS

	PAGE
INTRODUCTION AND AIM OF WORK	1
REVIEW OF LITERATURE	4
□ Clinical picture of hereido familial myopathies	4
□ Genetics of hereido familial myopathies	20
□ Histopathological study of hereido familial myopathies	32
□ Electromyography (Conventional and Quantitative)	48
□ Single fiber electromyography	80
□ Macro electromyography	100
SUBJECTS AND METHODS	113
RESULTS	130
DISCUSSION	263
SUMMARY	280
CONCLUSION	283
RECOMMENDATIONS	284
REFERENCES	285
APPENDIX	307
ARABIC SUMMARY	

LIST OF TABLES

- | | |
|-------------|---|
| Table (1): | Classification of muscular dystrophies |
| Table (2): | Mean MUAP Amplitude in different muscles |
| Table (3): | Mean MUAP duration in different age groups and different muscles (upper limb muscles) |
| Table (4): | Mean MUAP duration in different age groups and different muscles (Lower limb muscles) |
| Table (5): | SFEMG and FD mean values |
| Table (6): | Age and sex distribution among the Control group |
| Table (7): | Age and sex distribution among the patients group |
| Table (8): | Genetic basis of the clinical subtypes |
| Table (9): | Grading of weakness of both BB muscles and both TA muscles in the patients group. |
| Table (10): | Grading of wasting of both BB muscles and TA muscles in the patients group. |

- Table (11): Clinical subgroups- of patients group and their sex distribution
- Table (12): Clinical profile of the 4 myopathic subgroups
- Table (13): Distribution of weakness according to clinical subtypes
- Table (14): Grading of weakness among the DMD subgroup
- Table (15): Grading of weakness among BMD subgroup
- Table (16): Grading of weakness among LGMD subgroup
- Table (17): Grading of weakness among FSHMD subgroup
- Table (18): Grading of weakness among the siblings groups in BB and TA muscles
- Table (19): Grading of wasting among the siblings group in BB and TA muscles
- Table (20): Quantitative MUAP parameters of BB and TA muscles among the control group.
- Table (21): Macro EMG parameters of BB and TA muscles among the control group
- Table (22): SFEMG parameters of BB and TA muscles among the control group