EVALUATION OF THE RESULTS OF TREATMENT OF SHOULDER ADDUCTION INTERNAL ROTATION IN ERB'S PALSY WITHIN THE EARLY EIGHT YEARS OF LIFE.

M.D. Thesis Presented by

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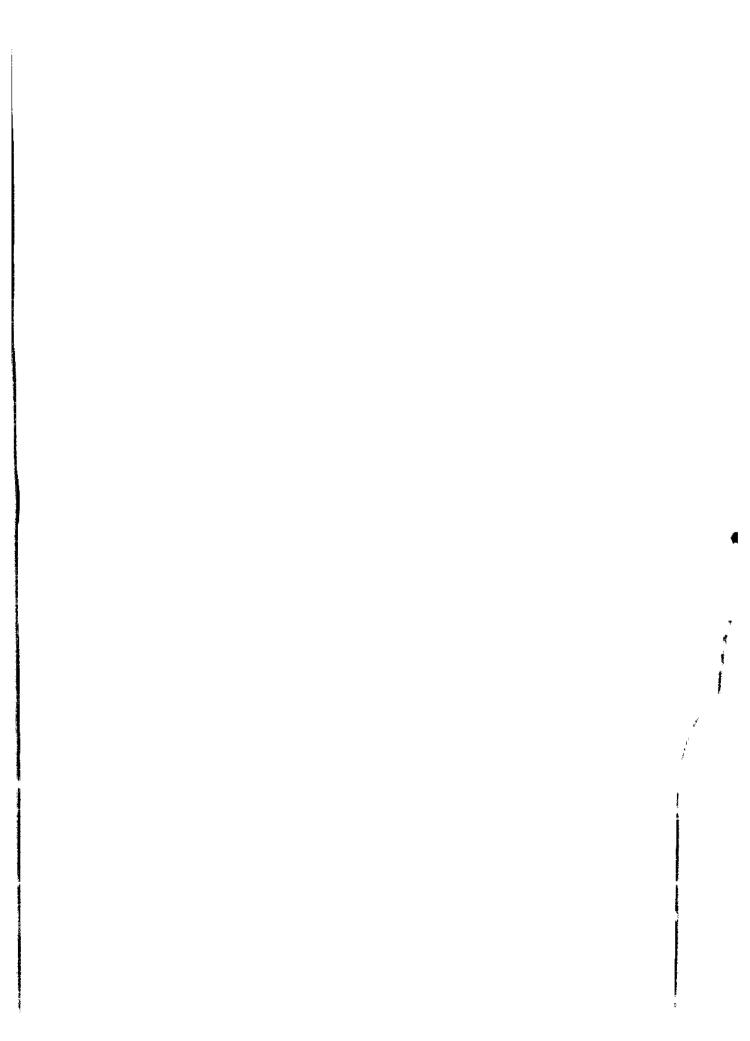
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1993





EAVIDATION OF THE BESTREE OF TREVIEWS OF SUPERIOR VEGETORS INTERNAL ROTATION IN ERRYS PALSY WITHIN THE BANLLY 8 YEARS OF LIFE.

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Aim of the work:

Evaluation of the results of conservative treatment of early cases of Erb's palsy and the surgical correction of the neglected cases with residual adduction, internal rotation deformity either by L'Episcopo operation of derotation humeral osteotomy.

Introduction:

brachial plexus injures. It represents a traction injury of the fifth and sixth cervical roots caused by sustained traction on the head and shoulder during delivery.

This subject is of great importance in orthophedic because of the wide divergent opinions as regards it's actiology, pathology and lines of treatment (Merger R' Judet).

The diagnosis is usually easy both in the early and neglected cases based on the clinical and radiological findings.

Treatment must be started as early as possible in the form of a well planned programme of physiotherapy with light intermittent splintage from the first few days of life.

place rapidly leading to different types of deformities involving the upper limb mainly adduction internal rotation deformity of the shoulder with subsequent limitation of abduction external rotation movements and residual disability in the functions that intail some degree of external rotation with the hand, above the head as eating and combing.

The correction of the late cases with adduction internal rotation deformity of the shoulder was tried by several surgical procedures, but the procedure of choice should fulfill the following requirements:

- 1- Correction of deformity.
- 2- Improvement of muscle power.
- 3- Improvement of range of active abduction and external rotion.

Items of the study:

- ¶ Anatomy of the brachial plexus
- Brachial plexus injuries:
 - * Mechanism of injury.
 - Pathological changes after Erb's paralysis.
 - * Diagnosis.
- Review of different lines of treatment of Erb's palsy

- ¶ Material and Methods:
- * The results of early treatment of 40 cases presented with early Erb's palsy.
- * 20 cases with adduction internal rotation deformity after Erb's palsy treated by L. Episcopo operation.
- * 20 cases with adduction internal rotation deformity after Erb's palsy treated by derotation humeral osteotomy.
- Assessments of the results will be done according to the clinical and functional improvement.
- 1 Discussion.
- 1 Summary and Conlusion.
- ¶ References.
- ¶ Arabic Summary.

تفيييم طرق العلاج المختلفة لنشوه الكتف الناتح فمن شلل ارب كي السنوات الثماني الأولي من القمر

بيمت دڪتون ان مقدم من

الطبيب/ محمد رجائي محمد حسن محمد ماجستير جراحة العظامء

رايه غير هُون) 🏭

۱. د. احمد واشل غرچ،

الستات جراحة العطام كلبة الطب عامعة القاهرب،

ا ، د ، محمد السامي حصاري.

Proceeds and a place of the order of the

والماداء المناشع ممطعي كالشور

الستاذ مساءد جراحة العظاهم كلية طب تنهاء

ويشهل المنيث تمانون عالمة من شبل لرب مقسمة التي ثلاث محموعات؛

- والمستمدي لان الأولى تشمل الربعون خالت تم تشخيطها منكرا بعد المولادة وبداء الحلاج المتحفظي مباشرة،
 - المنهموعين الثانبين تشمل عشرون حالت من العالات المتاخمرة وتفي كلادها بعمل نقل للأوثار هول مفصل الكثف
 - المميدة ويمن الشالفين فشمل فشرون خالق من الخالات المناهم فيفم علامية المناي همي عظمي المنعمد مع استعدال ممورالعمد المنظارين.

وسد الذي شامة يوده نتاطح جميع الطالات من حيث اصلاح تشوه الكتم وقوه المنظوت وهندي النصريحين ومقدان التحسن في النشاطات اليومين بعد العلاج،

ACKNOWLEDGEMENT

It is pleasure to express my deep gratitude and appreciation to Prof. Dr. Ahmad Waael Farag, Prof of orthopaedic surgery Cairo University, for his kind supervision and guidance.

I am quite grateful to Prof Dr. Mohammed Osama Higgazi
Prof of orthopaedic surgery, Benha Faculty of medicine, who
stimulated me to start this work and introduced me to the
scientific way of thinking.

I am also quite grateful to Prof. Dr. Hatem Ashour, for his meticulous supervision and valuable help throughout the development of this work.

Appreciative thanks to senior staff and my Colleagues in the orthopaedic department, Benha Faculty of medicine for their sincere cooperation.

