

**COMMUNICATIVE DISORDERS IN CHILDREN
CONCEIVED BY ASSISTED REPRODUCTIVE
TECHNOLOGY**

Thesis

***Submitted For Partial Fulfillment Of The M.D. Degree of
Phoniatrics***

By

Effat Ahmad Zaky El-Sayed

Assistant Lecturer of Phoniatrics -Faculty of Medicine- El-Minia University

Supervized by

Prof. Dr./ Mahmoud Youssef Abou- El-Ella

Professor of Phoniatrics - Faculty of Medicine – Ain Shams University

Prof. Dr./ Noran Nagdy El-Assal

Professor of Phoniatrics -Faculty of Medicine – Ain Shams University

Dr./ Hanna Mohamed Aboulghar

Assistant Professor Of Pediatrics - Faculty Of Medicine - Cairo University

Dr./ Rasha Mohamed Shoeib

Lecturer Of Phoniatrics- Faculty Of Medicine -Ain Shams University

Faculty Of Medicine - Ain Shams University

٢٠٠٧

المشاكل التخاطبية لدى أطفال الإخصاب الطبى المساعد
رسالة مقدمة توطئة للحصول على درجة الدكتوراه فى أمراض التخاطب
مقدم من

الطبيب/ عفت احمد زكى السيد
مدرس مساعد أمراض التخاطب - كلية الطب - جامعة المنيا
تحت اشراف

الأستاذ الدكتور/ محمود يوسف أبو العلا

أستاذ أمراض التخاطب - طب عين شمس

الأستاذ الدكتور/ نوران نجادى العسال

أستاذ أمراض التخاطب - طب عين شمس

الدكتور/ هنا محمد أبو الغار

أستاذ مساعد طب الأطفال - طب القاهرة

الدكتور/ رشا محمد شعيب

مدرس أمراض التخاطب - طب عين شمس

كلية الطب - جامعة عين شمس

٢٠٠٧

Introduction

and

Aim of the work

Aim of the work

Review of literature

Results

Subjects and Methods

Discussion

References

Summary

Conclusion

and

Recommendations

المأخض العربي

Appendix

Acknowledgments

First of all, thanks to Allah, whose help is the main factor in accomplishing this work,

Words stands short when coming to express my deepest thanks and appreciation to Dr. Mahmoud Youssef Abou El- Ella Professor of Phoniatrics- Faculty of Medicine- Ain Shams University. I owe him a lot for his kindnesses, guidance, and continuous encouragements. I am truly grateful to him, and whatever has been said is little to express my respect and thanks.

I would like also deeply thanks, Dr. Noran Nagdy El-Assal, Professor of Phoniatrics -Faculty of Medicine – Ain Shams University for her kind direction, Continuous support and for her valuable and fruitful scientific comments, which highly enriched my work,

Words stands short when coming to express my sincere thanks and appreciation to Dr./ Hanna Mohamed Aboulghar, Assistant Professor Of Pediatrics - Faculty Of Medicine - Cairo University, for her kind help in collection the data to complete this work,

I would like also to extend my deepest gratitude to Dr. Rasha Mohamed Shoeib, Lecturer Of Phoniatrics- Faculty Of Medicine -Ain Shams University for her help, advice and support along the course of this work,

Last but not least, I would like to thank all my colleagues at the Unit of Phoniatrics, Ain Shams University, for their help and support.

Effat Ahmed

"لِلَّهِ مُلْكُ السَّمَوَاتِ وَالْأَرْضِ يَخْلُقُ مَا يَشَاءُ يَهَبُ لِمَن يَشَاءُ
إِنَاثًا وَيَهَبُ لِمَن يَشَاءُ الذُّكُورَ (٤٩) أَوْ يُزَوِّجُهُمْ ذُكْرَانًا وَإِنَاثًا
وَيَجْعَلُ مَن يَشَاءُ عَقِيمًا إِنَّهُ عَلِيمٌ قَدِيرٌ (٥٠)"

[الشورى آية: (٤٩ - ٥٠)]