**Title:** EMG biofeedback versus interferential electrical stimulation in genuine stress incontinence.

**Dept.:** Physical Therapy Department for Obstetrics and Gynaecology and its Surgery.

**Supervisors:**
1. Fahima Metwaly Okeel.
2. Ismail Osman Abd-Elhafeez.

**Year:** 2002.

**Abstract:**
This study was conducted to determine the effectiveness of biofeedback versus electrical stimulation in the treatment of mild or moderate stress urinary incontinence. Forty five volunteers' woman participated in this study, they were divided randomly into three groups (A, B, C). Group (A) treated by biofeedback, group (B) treated by interferential stimulation, while group (C) treated by exercises to the pelvic floor muscles. All group were assessed by vaginal pressure, VLPP, subjective as well as objective stress related leakage scales before and after the treatment program. It was found that group (A) recorded a statistically significant improvement and cure rate more than the other two groups.

**Key words:**
1. EMG biofeedback.
2. Genuine stress incontinence.
4. Pelvic diaphragm.
5. electrical stimulation.
6. incontinence.

**Arabic Title Page:** التغذية الوجبة الحيوية ومقارنتها باستخدام التنبية الكهربائية المتداخل في التأثير على حالات السلس البولي.

**Library register number:** 856-857.