

# 4th Annual Meeting of the International Continence Society

Mainz, September 5-7, 1974

Chairman: RUDOLF HOHENFELLNER, Mainz

Honorary Secretary: ERIC S. GLEN, Glasgow

Secretaries: KARL STOCKAMP and FRIEDHELM SCHREITER, Mainz

## Index

### *Physiology of the Lower Urinary Tract – Urethral Models*

ENHORNUNG, G. E. (Toronto, Ont.): A Concept of Urinary Continence .....	3
DONKER, P. J. and SLUIS, C. VAN DER (Leiden): Action of $\beta$ -Adrenergic Blocking Agents on the Urethral Pressure Profile.....	6
SCHREITER, F.; FUCHS, P., and STOCKAMP, K. (Mainz): Estrogenic Sensitivity of $\alpha$ -Receptors in the Urethra Musculature .....	13
SCHÄFER, W.; STERLING, A. M., and MELCHIOR, H. (Aachen/Leiden): Bladder Neck and Urethra in a Physical Model .....	20
PLEVNIK, S. (Ljubljana): Model of the Proximal Urethra: Measurement of the Urethral Stress Profile .....	23
OLESEN, K. P. and GRAU, V. (Copenhagen): The Suspensory Apparatus of the Female Bladder Neck .....	33

### *Methods of Urodynamic Investigations*

KUNATH, U. (Frankfurt am Main): Pressure Measurements in Organic Sphincteric Zones .....	38
VEREECKEN, R. L. and VERDUYN, H. (Louvain): Is the Intrinsic Bladder Pressure a Reliable Parameter? .....	44
ROSSIER, A. B. and ORR, R. (Boston, Mass./Geneva): Bladder and Urethral Recordings in Acute and Chronic Spinal Cord Injury Patients .....	49
KISSERTER, H. (Vienna): EMG-Patterns of Pelvic Floor Muscles with Surface Electrodes .....	60

ROWAN, D.; DEEHAN, C., and GLEN, E. S. (Glasgow): Detection of Urine Loss Using the Exeter Recording Nappy and Other Similar Devices .....	70
--	----

*Urodynamics Evaluation and Treatment of Voiding Disorders*

THORUP ANDERSEN, J.; JACOBSEN, O.; GAMMELGAARD, P. A., and HALD, T. (Hellerup): Dysfunction of the Bladder Neck: A Urodynamic Study .....	78
HAUBENSAK, K. and KOCH, A. (Homburg a. d. Saar): Urodynamische Messwerte bei Enuretikern .....	87
STOCKAMP, K.; HERRMANN, H., and SCHREITER, F. (Mainz): Conservative Bladder Treatment in Myelodysplasia. Differentiation of Patients by Cystomanometry .	93
PALMTAG, H. and SCHNEIDER, P. (Heidelberg): Detrusor Activity and Outflow Resistance in Stress Incontinence .....	100

*Electrostimulation of Detrusor and Pelvic Floor*

JONAS, U.; JONES, L. W., and TANAGHO, E. A. (San Francisco, Calif.): Controlled Electrical Bladder Evacuation via Stimulation of the Sacral Micturition Center or Direct Detrusor Stimulation .....	108
RAKOVEC, S. (Ljubljana): Reflex Electrical Stimulation for Urinary Incontinence .	111
ŠUHEL, P. (Ljubljana): Adjustable Nonimplantable Electrical Stimulators for Correction of Urinary Incontinence .....	115
GODEC, C. and KRALJ, B. (Ljubljana): Selection of Patients with Urinary Incontinence for Application of Functional Electrical Stimulation .....	124
ALEXANDER, S. (Glasgow): A Critical Look at Incontinence Radio-Implants .....	129
GLEN, E. S.; SAMUELS, B. M.; MACKENZIE, I. M., and ROWAN, D. (Glasgow): Maximum Perineal Stimulation for Urinary Incontinence .....	134