Table of Contents

Foreword IX

Oxalic Acid Metabolism and Hyperoxaluria

Finlayson, B.; Roth, R. and DuBois, Lindreth (Gainesville, Fla.): Calcium Oxalate Solubility Studies 1
Gibbs, Dorothy A. (Harrow) : The Formation of Oxalate from Glyoxylate by the Subcellular Particles of Liver Tissue 8
Watts, R. W.E. (Harrow): Oxalate Biosynthesis in Primary Hyperoxaluria 13
Elliot, J. S. (Stanford, Cal.): A Comparison of the Chemical Composition of Urine in Normal Subjects and in Patients with Calcium Oxalate Urinary Calculi 24

Smith, L.H.; Hofmann, A.F.; Tacker, M.M.; Fromm, H. and Thomas, P.J. (Rochester, Minn.): Acquired Hyperoxaluria, Nephrolithiasis, and Intestinal Disease 31

Williams, H.E.; Earnest, D. and Admirand, W. (San Francisco, Cal.): Mechanism of Hyperoxaluria in Bowel Disease 41

Pinto, B. (Barcelona): Oxalate Binding by the Mucoprotein Components of Renal Stones 46

Fleisch, H. and Monod, A. (Berne): A New Technique for Measuring Aggregation of Calcium Oxalate Crystals in vitro: Effect of Urine, Magnesium, Pyrophosphate and Diphosphonates 53


Cystinuria, Xanthinuria


Contents VI


Rapado, A.; Castro Mendoza, H.J. and Cifuentes Delatte, L. (Madrid): Genetics of Xanthinuria 80

Uric Acid Lithiasis

Zöllner, N. and Griebsch, A. (Munich): Influence of Various Dietary Purines on Uric Acid Production 84

Seegmiller, J.E. (La Jolla, Cal.): Metabolic Basis of Renal Lithiasis from Overproduction of Uric Acid 89

Sperling, O.; Persky-Brosh, S.; Boer, P. and Vries, A. de (Petah Tikva): Uric Acid Lithiasis Associated with Excessive Purine Production Due to Mutant Phosphoribosylpyrophosphatase Synthetase 96


May, P. and Schindler, E. (Homburg/Saar): Methods and Results of Conservative Treatment of Uric Acid Stones 11
Epidemiology, Clinical and Therapeutic Aspects of Renal Lithiasis

Andersen, D. A. (London): Environmental Factors in the Aetiology of Urolithiasis 130
Barcelo, P. and Pinto, B. (Barcelona): Mineral Metabolic Studies in Renal Lithiasis 149
Garrido, M.; Jimenez, J. A.; Damiano, A. and Orozco, F. (Sevilla): The Problem of Idiopathic Hypercalciuria 154
Nordin, B. E. C.; Barry, H.; Bulusu, L. and Speed, R. (Leeds): Dietary Treatment of Recurrent Calcium Stone Disease 170
Pak, C. Y.C. (Dallas, Tex.): Quantitative Assessment of Various Forms of Therapy for Nephrolithiasis 177
Smith, L.H.; Thomas, W.C., jr. and Arnaud, C.D. (Rochester, Minn.): Orthophosphate Therapy in Calcium Renal Lithiasis 188
Kallistratos, G. (Borstel): Physico-chemical Principles and Clinical Results Concerning the Conservative Treatment of Kidney Stones 198

Contents VII

Analytical Methods in the Study of Calculi

Berényi, M. (Budapest): New Methods of Stone Analysis 209
Szab, É. (Debrecen): Polarizing Microscopic Studies on the Fine Structure of Renal Stones 213
Elliot, J.S. (Stanford, Cal.): Optical Analysis of Urinary Calculi: The Value of Low Power Dissection 216
Cifuentes Delatte, L.; Hidalgo, A.; Bellanato, J. and Santos, M. (Madrid): Polarization Microscopy and Infrared Spectroscopy of Thin Sections of Calculi (with color plate I) 220
Grieve, J. and Zarembski, P. M. (Dundee): Infrared Spectroscopy in the Clinical Analysis of Renal Stones 231
Application of Infrared Spectroscopy to the Study of Renal Stones 237
Alonso, J. and Somacarrera, E. (Madrid): Scanning Microscopy in Renal Lithiasis 256
McConville, Bridget E. (Birmingham): Activation Analysis of Renal Calculi 275

The Organic Matrix Inhibitors of Crystal Growth

Sutor, June D. and O’Flynn, J.D. (Dublin): Matrix Formation in Crystalline Material in vivo 280
Fleisch, H. and Russel, R. G. G. (Berne): Inhibitors in Urinary Stone Disease Role of Diphosphonates 296
Sutor, D. J. (London): Experiments on the Nucleation and Growth of Calcium Oxalate in Normal and Stone-Formers’ Urine 313
Smith, L.H.; Meyer, J. L. and McCall, J. T. (Rochester, Minn.): Chemical Nature of Crystal Inhibitors Isolated from Human Urine 318
Charlton, C. (Bath): The Renal Parenchyma and Stone Disease 328
Cooke, S.A.R. (London): Calcium Concentration Within the Nephron, and Calcium Stone Formation 333

Contents VIII

Hyperparathyroidism and Renal Lithiasis

Harrison, A. R. and Rose, G. A. (London): The Late Results of Parathyroidectomy in Patients with Calculus or Nephrocalcinosis 354

Subject Index 358
Foreword

This book compiles the papers presented at the International Symposium on Renal Stone Research, held in Madrid, from September 18th to 20th 1972, and attended by about one hundred scientists from several countries in Europe and America.

The meeting followed the line established in the Symposium held in Leeds, Great Britain, in 1968 on the same subject, which attracted a great number of physicians, physicists, biochemists, epidemiologists and crystallographers, interested in studying a disease whose occurrence, though intermittent, is becoming an increasing problem in well developed countries. An indication of rising interest in the subject of renal lithiasis is the number of other meetings organized to discuss this topic, in the United States, Germany and Thailand, after the Symposium in Leeds and before the meeting in Madrid.

The present papers are a survey of the metabolic, physiopathologic and therapeutic aspects of lithiasis, the physico-chemical bases of stone formation and the recent advances in the crystallographic study of renal calculi. The therapy of hypercalciuria and hyperoxaluria and the alkalinizing treatment of uric acid stones are also discussed. Particular emphasis is given to the structural study of renal stones.

The final session of the meeting was devoted to future investigations in this field. It seems important that urologists, surgeons, internists, nephrologists and general practitioners become more interested in the complex scientific bases of the study of this disease, without which, firm progress in its treatment cannot be expected. The necessity of unifying concepts and methodology in the study of these patients is emphasised.

We are gratefully indebted to Fundación Jiménez Díaz in Madrid, where the Symposium took place, and to the several Organisations and Pharmaceutical Laboratories whose generous financial support made the Symposium possible. We also acknowledge the exceptional assistance of Miss Maria L. San Roman as Secretary of the meeting. In conclusion we wish to thank Messrs S. Karger AG for undertaking the publication of the papers presented at this Symposium.

February 1973
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