

## Announcement

### *International Symposium on Computer-Assisted Decision Support and Data Base Management in Anesthesia, Intensive Care and Cardio-Pulmonary Medicine*

September 6–9, 1988 at De Doelen Concert Hall, Rotterdam, The Netherlands

- September 6: Computer Course for Novices: The first day of the symposium will be covered by teaching sessions for computer novices. Physicians who need an introduction in the aspects of today's medical instrumentation are particularly encouraged to attend.
- September 7–9: Symposium: Keynote speeches, Invited papers, Panel discussions, Deep knowledge tutorials, Free papers and Posters will be presented by experts from around the world. Abstracts for Oral or Poster presentation are invited. Deadline for Submission: July 1, 1988.
- Invited papers: J. Chelsom, London - "A Knowledge-based system for the interpretation of blood gas analysis results"; P. O. Collinson, Middlesex - "Of mice and men - data capture in the clinical environment"; K. Erdmann, Mainz - "Problems Involved in Clinical Decisions with EEG Monitoring"; W. Erdmann, Rotterdam - "Feedback Control in Closed Circle Systems"; R. Gardner, Salt Lake City - "The role of Smart Medical Systems"; "Computerized Nurse Charting"; H. Gill, Linköping - "Expert Control of respirator therapy: Knowledge base of the KUSIVAR system"; A. d'Hollander, Bruxelles - "A system to monitor the infusion of 4 intravenous drugs under the control of a personal computer"; S. Kalli, Tampere - "Decision Support as Part of Patient Data Management System in Intensive Care"; A. Kari, Kuopio - "Comparison of acceptance and performance of automated and manual data management systems in intensive care"; G. F. Karliczek, Bad Nauheim - "An automatic anesthesia database as a tool for trending and long-term quality control"; G.N.C. Kenny, Glasgow - "Sedation after cardiac bypass surgery - alfentanil vs morphine"; "Closed loop control of blood pressure with GTN and SNP"; G. Matell, Stockholm - "Criteria and indices for respirator therapy (indications, modes and weaning)"; J. W. R. McIntyre, Edmonton - "Are synthetic voice alerting devices desirable for the safe conduct of anaesthesia?"; R. A. Miller, Pittsburgh - "Legal Issues Related to Decision Support Systems"; "Internist-I and QMR: Programs for Clinical Diagnostic Assistance"; G. Octo Barnett, Boston - "Evaluation of Medical Decision-Support Systems"; Second Lecture-TBA"; R. A. Pryor, Salt Lake City - "Development of Computerized Decision Support Systems"; "Computerized Nurse Charting"; D. G. Ross, Aberdeen - "ABICUS - A Medical Information gathering and advice system for use in Intensive Care"; T. Rutt, New Jersey - "MEDEX - the Proposed IEEE 1157 Standard for Medical Data Exchange"; A. Seiver, San Francisco - "A Conceptual Framework for Critical Care Decision Systems"; "Practical Applications of Decision Support in

Critical Care”; M. M. Shabot, Los Angeles - “Standardized Acquisition of Bedside Data-the IEEE 1073 Medical Information Bus”; Computer -Assisted Evaluation of Outcomes in Critically III Surgical Patients”; D. J. Spiegelhalter, Cambridge - “Teaching knowledge-based systems using clinical data”; D. Westenskow, Salt Lake City - “Implementation of Smart Instruments in the Medical Bay of the Space Station”; “Anesthesia Work Stations”; G. Wiesspeiner, Graz - “Artificial Intelligence - New name for an old hat?”; O. Wigertz, Linköping - “Integrating knowledge based technology into computer aided ventilator systems”; A. Zbinden, Basel - “The use of MUMPS in a medical database for scheduling anesthetic procedures, evaluating quality of professional performance and controlling resident training”

Vendor panel: The proper role of expert systems in medical instruments and data management computers.

Scientific exhibit

For information concerning registration, free papers and posters:

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