

# THERMOGRAPHY IN THE WORLD

- **SAN FRANCISCO (U.S.A.).** During the 12<sup>th</sup> Annual Meeting and Exhibit Program of the Association for the Advancement of Medical Instrumentation (AAMI), which was held from the 13<sup>th</sup> to the 17<sup>th</sup> of March, 1977, at the Hyatt Regency Hotel in San Francisco, there was a Session on Medical Thermography presented by the American Society of Thermography. The session was held on the 14<sup>th</sup> of March and chairpersons were N. M. Oldfield and T. Winsor.

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- **WASHINGTON, D. C. (U.S.A.).** During the post-graduate Course and Symposium, which will be held in Washington, D.C., the 22<sup>nd</sup> of April 1977, at the Hyatt Regency Washington Hotel and Sibley Memorial Hospital; devoted to << Breast disease in gynaecological and medical primary care practice >>; same topics of thermographic interest will be treated. Among the many participants will be Dr. J. Nyirjesy who spoke on « Thermography at Thomas Jefferson University Hospital screening program ». A conference of the << Panel on screening for Breast Cancer >> will be held, moderator N. M. Oldfield; executive president of the American Society of Thermography.

The Congress is organized by the « American Society for the Study of Breast Disease » a new scientific Society, which has the goal to study the female breast, and to stimulate interest in the development of modalities such as mammography, thermography and hormone measurements, and to organize programmes of education through continuing symposia and publications.

Doctor I. Nyierjesy is the acting president, D. J. Marchant, J. Giere, L. Keith and S. Peck are the members of the Executive Board. Doctor R. Amor is the temporary treasurer.

Mrs. N. M. Oldfield, formerly the Executive Director of the International Health Evaluation Association, and Executive Director of the American Thermographic Society has been appointed Acting Executive Director of the American Gynecological Society for the study of Breast Disease. Dr. Giere is the Symposium Program Committee Chairman.

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- **ANCONA (Italy).** The Breast Disease Section of the Italian Society of Medical Radiology is holding a meeting in Ancona on the 20<sup>th</sup> and 21<sup>st</sup> of May, 1977. It is organized into four Round Tables, one of which is dedicated to the comparison of the modalities of study of the breast, with the ample participation of thermographers.

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- **MARSEILLES (France).** The 6<sup>th</sup> Seminar on Dynamic Telethermography will be held at the Hotel Concorde Palm-Beach 2, Promenade de la plage 13008 Marseille, beginning May 24<sup>th</sup>, 1977. It is organized by the French Club of Clinical Telethermography; mr. G. Defferre, Prof. M. Toga and Prof. X. Serafino will be the honour committee; President of the organizing committee will be Dr. J. M. Spitaliter, General

Secretary Dr. R. Amalric; Members: B. Agopian, G. Altschuler, Y. Ayme, H. Brandone, J. F. d'Estienne d'Orves, D. Giraud, J. Levraud, F. Mouton, J. F. Pollet, F. Rouanet-Rousseaux, L. Thomassin, J. Deschanel, S. Frigara, Y. Vivier, J. Ingrand.

General Secretary, C. Clivio.

The Seminar comprises 6 sessions of work divided into 3 days.

**Tuesday, May 24<sup>th</sup>, 1977. First session: « Thyroidian Pathology and Telethermography ».** — T. PLANIOL (Chairman), J. DUMOULIN (Moderator), B. AGOPIAN (Secretary). —

**Reports:** Determination of thyroidian nodules cancerisation risk with various tool techniques, L. ROCCHI (Cesena/Italy); Thermography of thyroid (technique, semeiology, classification of images), J. WEBER (Nantes/France). - **Lectures:** Combination of telethermography and X-rays in the thyroidian tumor diagnosis, C. CUNHA, M. CRUZ (Lisbon/Portugal); Thermography, scintigraphy and mono-dimensional echography in the study of thyroidian diseases, P. Rocco, G. CENNAMO, A. BIZZARRO (Naples/Italy); Thermographic, Echographic, Isotopic comparisons in the thyroidian pathology, G. DE-STAILLEUR, B. HENDRICKX, M. ROMBAUT, E. PLUYGERS (Haine-St. Paul/Belgium). - **Discussion:** T. PLANIOL (Tour/France); M. JOHNE (Berlin/W.G.). - **Profferred papers:** Thermography as method of control of malignant tumors growth and irradiation, R. VEPKHVADZE, E. GEDEVANISHVILI, O. NAYNOVA (Tbilissi GCorgie/U.R.S.S.); Infrared thermography and dynamic telethermography, B. SZIGETI, R. A. THIERREE, C. BILLEY, E. and J. CHAPIRO (Montargis/France); Ultrasound and infrared, B. NAYROLES, J. L. GARNIER, A. CAGNASSO, R. AMALRIC (Marseille/France). - **Second session: « Mammary Pathology and Telethermography ».** — C. M. LALANNE (Chairman); R. AMALRIC (Moderator); F. MOUTON (Secretary). - **Reports:** Infrared thermography and non palpable breast cancers, J. M. SPITALIER, F. SANTAMARIA, Y. AYME, D. GIRAUD, C. SABBAH, R. AMALRIC, J. JACQUEMIER (Marseille/France); Telethermography and breast cancer, H. GLATZNER (Frankfurt am Main/W.G.); Dynamic telethermography in 2200 breast cancers, R. AMALRIC, H. BRANDONE, F. ROBERT, C. ALSCHULER, J. F. d'ESTIENNE d'ORVES, J. M. SPITALIER with the technical collaboration of J. INGRAND and J. DESCHANEL (Marseille/France). - **Papers on benign mastopathies:** Clinical, thermological and biological correlative study of dystrophic mammary lesions, J. Y. PONS, C. J. HUBER (Creteil/France); Mastoses and progestatives, F. ROUANET-ROUSSEAU, D. GIRAUD, F. MOUTON, L. THOMASSIN, Y. AYME, R. AMALRIC (Marseille/France); Mammary telethermography and its importance during the treatment of benign dysplasia by progesterone: radio - clinical comparisons, P. PAVETTO, M. MARINONI (Torino/Italy); Hormonal explorations of fibro cystic disease by the combined LH-RH+TRH test. Comparisons with telethermographic data, S. GELLER, R. SCHOLLER, F. ROUANET-ROUSSEAU, J. M. SPITALIER, R. AMALRIC (Marseille/France).

**Wednesday May 25<sup>th</sup>, 1977. Third session: << Vascular pathology and Telethermography »** — G. F. PISTOLESI (Chairman), E. PLUYGERS (Moderator), D. GIRAUD (Secretary). - **Reports:** Dynamic telethermography in venous pathology, F. SOLSONA (Saragoza/Spain); Dynamic telethermography in diagnosis of acute and post-operative deep veinous thromboses, T. HALLBOOK, D. BERGQVIST, H. O. EFSING (Skovde/Sweden); The « thermographic hand », G. F. PISTOLESI, L. ACCIARRI (Verona/Italy). — **Lectures:**

Arterioveinous fistulas and dynamic telethermography, C. BOURDE, D. GIRAUD (Marseille/France); Radio-thermographic comparisons in the erectile dysfunctions, G. TORDJMAN, J. P. MICHEL, R. A. THIERREE (Paris/France); Dynamic telethermography and Dupuytren's disease, R. AMAR, H. BUREAU with the collaboration of J. DESCHANEL (Marseille/France); Peripheral vasodilatators and dynamic telethermography, L. THOMASSIN, C. BOURDE, D. GIRAUD, R. AMALRIC (Marseille/France); The possibilities in the facial thermography in ophthalmology, G. CENNAMO, P. Rocco, G. BONAVOLONTA, G. GRECO (Naples/Italy); Place of the face thermography in the vascular assessment of « mental deteriorations », D. AUBANEL, G. DARCOURT, D. ROURE, C. M. LALANNE

(Nice/France); Differential thermographic diagnosis in the peripheral vascular disease, F. MERLEN, A. M. SARTEEL, Y. HOUDAS (Lille/France); Thermal flowmetry in breast cancers. Comparisons with thermography, M. SCHMITT, A. DITTMAR, M. ISMAEL (Lyon/France). - *Fourth session: « Dynamic Telethermography. Various applications ».* — Y. HOUDAS (Chairman); R. PLAGNE (Moderator); L. THOMASSIN (Secretary). Plastic surgery and telethermography, L. DONATI (Milan/Italy); Telethermography of the back, R. E. WOODROUGH (London/U. K.). - *Various lectures:* Study of the fracture foci consolidation and osteotomy by telethermography, P. GROULIER, D. POITOUT, A. TOSSELLO, C. ALTSCHULER, R. AMALRIC with the technique collaboration of J. DESCHANEL (Marseille/France); Thermal studies of the tibia in Paget's disease, E. F. J. RING, J. R. BARKER (Bath/U.K.); Appraisal and orientation of a pain therapeutic method by telethermography, R. A. THIERRE, A. DALLOZ-BOURGUIGNON (Paris/France); Thermography in hepatic pathology, A. BELLOSSI, E. L. ERMESSENT (Rennes/France); Our experience in some special thermographic incidences, L. PUIGDOMENECH ARISA, M. PRATS ESTEVE (Barcelona/Spain); Quantification of thermal images, L. E. MALLNER (Lidingo/Sweden); Classification of breast vascular atypical images, P. SAUVAL, R. A. THIERREE (Paris/France); Telethermographic results in cystic proliferative disease, R. SCHUBERT, H. NIENHAUS, J. VAN DEN HAUTE (Munster/W.G.); Gynaecomastia and mammary carcinomas, M. JOHNE (Berlin/W.G.); Thermal gradients of 1000 breast cancers T2 category (UIAC), R. AMALRIC, D. GIRAUD, L. THOMASSIN, C. ALTSCHULER, B. AGOPIAN, J. M. SPITALIER (Marseille/France).

Thursday May 26<sup>th</sup>, 1977. *Fifth session: « Telethermography in the world ».* — F. SOLSONA (Chairman), R. A. THIERREE (Moderator), F. ROUANET-ROUSSEAU (Secretary). - Telethermography history, F. SOLSONA (Saragoza/Spain); Telethermography in Iran, P. GHAEM-MAGHAM (Teheran/Iran); Telethermography in U.S.A., I. NYIRJESY (Washington/U.S.A.). - *Lectures:* Telethermography in Canada, R. GHYS (Montreal/Canada); Telethermography in Scandinavia, O. MELANDER (Stockholm/Sweden); Telethermography in Belgium, J. DUMOULIN (Charleroi/Belgium); Telethermography in Spain, M. PRATS ESTEVE, M. HERRANZ MARTI, L. PUIGDOMENECH ARISA (Barcelona/Spain); Telethermography in Germany, H. GLATZNER (Frankfurt am Main/W.G.); Telethermography in Italy, G. F. PISTOLESI (Verona/Italic). - *Report:* Dynamic telethermography in France, R. AMALRIC, J. LEVRAUD, D. GIRAUD, C. ALTSCHULER, F. MOUTON (Marseille/France). - *Sixth session: << Thermographic prognosis of cancers >>.* C. LAGARDE (Chairman), J. M. SPITALIER (Moderator), C. ALTSCHULER (Secretary). - *Reports:* Thermography and future of breast cancers, J. M. SPITALIER, S. CLERC, J. LEVRAUD, J. F. POLLET, M. MEDINA, R. AMALRIC (Marseille/France), Statistics: J. FONDARAI; Telethermography and breast cancer doubling time, D. V. FOURNIER (Heidelberg/W.G.); Thermographic prognosis of treated breast cancers, C. GROS (Strasbourg); Correlation between thermographic image and survival in breast cancers, O. MELANDER (Stockholm/Sweden). - *Lectures:* Thermography and adenogenesis of mammary carcinomas, M. H. DILHUYDY, A. AVRIL, M. DURAND, A. LE TREUT (Bordeaux/France); Thermographic prognosis of cutaneous malignant melanomas, C. ALTSCHULER, H. BRANDONE, J. SEIGLE, R. AMALRIC, J. M. SPITALIER, Microscopic: R. LIEUTAUD (Marseille/France); Studies on tumor immunity and telethermography in the diagnosis of breast tumors, G. B. CANNON, M. C. COY, R. HERBERMAN, I. NYIRJESY (Bethesda/U.S.A.); Immunological assessment and dynamic telethermography before any treatment in operable breast cancers, G. MEYER, D. BAGARRY, B. AGOPIAN, R. AMALRIC, J. M. SPITALIER (Marseille/France). - *Session inferences:* C. LAGARDE. - *General conclusions of the Seminar:* J. M. SPITALIER. There will be a technical exhibition in the hall of Concorde Palm-Beach Hotel during the 3 day Seminar.

A simultaneous translation will be provided into French and English.

*The reports will appear in English in two special numbers of «Acta Thermographica >>.*

*The proffered papers will be published in a special number of *Mediterraneo Medica*.*

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• **ROME (Italy).** A meeting of Medical Thermography will be held the 2<sup>nd</sup> and 3<sup>rd</sup> of December 1977, in Rome. It is being organized by Dr. L. Ascarelli. For further information write Dr. L. Ascarelli at Via delle Fresie 60, Rome (Italy).

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• **CESENA (Italy).** The III<sup>rd</sup> updating course in Medical Thermography will take place in September 1977 at the << Bufalini >> Hospital Tumor Center in Cesena. Dr. L. Rocchi will be the president of the course.

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■ **BOSTON (U.S.A.).** The VIII<sup>th</sup> meeting of the American Society of Thermography will take place in Boston at the Colonnade Hotel, October 1<sup>st</sup> an1 2<sup>nd</sup>, 1977. Program chairman will be Dr. M. M. Raskin of the Florida Medical Center in Landerdale Lakes, Florida.

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. **BARCELONA (Spain).** The II<sup>nd</sup> Congress of the European Thermographic Association with international participation will be held at Barcelona from the 1 1<sup>th</sup> to the 15<sup>th</sup> of September, 1978; President Prof. F. Solsona. For further information write: Cruz Blanca, Calle Pelayo 40, Barcelona - 1, Espana.

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. **SELVA di FASANO (Italy).** The Executive Council of the Italian Society of Thermography has decided to hold its II<sup>nd</sup> Congress in May, 1979, at the congenial tourist resort of Selva di Fasano, Brindisi. Dr. A. Di Giulio will be President of the Congress.

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. **MILAN (Italy).** A meeting, devoted to contact thermography, will be held, the 16<sup>th</sup> of September 1977, at the Aer-hotel Executive, Sturzo road 45, Milan, with the participation of J. Tricoire (Paris). Furthers information: G. Luzzatti, Radiology Department, San Carlo Borromeo Hospital, Pio II road, Milan (Italy) - Phone: (02) 4022.