



ELLIS FISCHEL State Cancer Center

GOVERNED BY THE MISSOURI STATE CANCER COMMISSION

September 20, 1985

United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Reference: License No. 24-00481-04
License No. 24-00481-05

Subject: Change of Item 5: Radiation Safety Officer

Dear Sir:

I request that our two licenses be amended to reflect a change in our Radiation Safety Officer. Dr. Ardath H. Emmons has been serving in this capacity since fall of 1984. I wish to replace Dr. Emmons with one of our staff physicians. (Dr. Emmons has moved his office to Arizona and will not be available on a daily basis.)

I enclose a resume' on Dr. Jose Maria Sala, M.D., F.A.C.R., Dr. Sala has agreed to serve as our Radiation Safety Officer.

I would appreciate it if you would amend our licenses to identify Dr. Sala as our Radiation Safety Officer.

We will continue our practice of having an outside vendor of Radiation Safety Services make a quarterly review of our program.

Sincerely,

Ronald G. Vincent
Ronald G. Vincent, M.D.
Director

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REQ3 LIC30
24-00481-04 PDR

RGV:nh

Enclosure

RECEIVED

SEP 26 1985

REGION III

CONTROL NO. 79830

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U.S. N.R.C.
12. FEE MGMT. BRANCH

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Date 10/3/85
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By Jacques
Orig. To
Action Compl. CP

EX 170.11(a)(9)
FEE EXEMPT

SEP 26 1985

Curriculum Vitae

JOSE MARIA SALA, M.D., F.A.C.R.

Department of Radiation Oncology
Ellis Fischel State Cancer Center
Business 70 and Garth Avenue
Columbia, Missouri 65203
(314) 875-2247

BIRTHDATE: October 31, 1918

BIRTHPLACE: Rosario de Santa Fe, Argentina, South America

CITIZENSHIP: U.S.A.

LICENSURE:

1944	Republica Argentina
1959	Missouri
1975	New Mexico

COLLEGE EDUCATION:

BS	1936	Colegio Nacional No. 1., Rosario, Santa Fe
MD	1944	Escuela de Medicina de la Universidad del Litoral, Rosario, Argentina (seven-year school)

GRADUATE MEDICAL EXPERIENCE:

1940-1941	Intern, Hospital Rosario, Rosario, Santa Fe, Rosario Argentina
1941-1943	Intern, Hospital Freyre, Rosario, Santa Fe, Rosario Argentina
1943-1944	Intern, Hospital Carrasco, Rosario, Santa Fe, Rosario Argentina
1945-1949	Resident, Radiotherapy, Centro Anti Canceroso, Hospital Nacional de Clinicas, Escuela de Medicine, Universidad de Buenos Aires

PROFESSIONAL APPOINTMENTS:

1949-1951	Jefe de Radioterapia, Hospital de Clinicas, Buenos Aires
1952-1953	Chief of Radiotherapy, Ellis Fischel State Cancer Hospital, Columbia, Missouri
1954-1963	Chairman, Department of Radiology, Ellis Fischel State Cancer Hospital, Columbia, Missouri
1963-1975	Director, Department of Radiotherapy, Lester E. Cox Medical Center, Springfield, Missouri
1965-1976	Consultant, Department of Radiology, Washington University, St. Louis, Missouri
1976-1981	Medical Director and Chief of Radiation Oncology, University of New Mexico Cancer Research and Treatment Center, Albuquerque, New Mexico. Senior Researcher Los Alamos Pion Program
1981-1982	Senior Scientist, Cancer Research Center, Columbia, Missouri

(CONTD PROFESSIONAL APPOINTMENTS:)

- 1981-1982 Interim Medical Director and Chairman of Radiological Sciences, Ellis Fischel State Cancer Hospital, Columbia, Missouri
1983-1985 Director, Radiation Oncology Division, Van Atta Laboratories, Albuquerque, New Mexico
1985- Director, Department of Radiation Oncology, Ellis Fischel State Cancer Center, Columbia, Missouri

ACADEMIC APPOINTMENTS:

- 1949-1951 Assistant Professor, Escuela de Medicina Universidad de Buenos Aires
1958-1959 Assistant Professor, Department of Radiology, University of Missouri Medical School, Columbia, Missouri
1959-1960 Clinical Associate, Department of Radiology, University of Missouri Medical School, Columbia, Missouri
1960-1962 Associate Professor, Department of Radiology, University of Missouri Medical School, Columbia, Missouri
1976-1981 Professor, Department of Radiology, University of New Mexico Medical School, Albuquerque, New Mexico

SPECIAL APPOINTMENTS:

- 1967-1975 President, Consulting Staff, Ellis Fischel State Cancer Hospital
1968-1976 Chairman, Association of Tumor Registry Directors of Missouri (AMTRD)
1969-1970 Secretary, Cancer Committee, Lester E. Cox Medical Center, Springfield, Missouri
1969-1970 Chairman, Professional Education Committee, American Cancer Society
1985- Consultant, Radiation Oncology, Mallinckrodt Institute of Radiology, Washington University School of Medicine, St. Louis, Missouri

CERTIFICATION:

- 1960 American Board of Radiology

PROFESSIONAL AND SCHOLASTIC ORGANIZATIONS:

- | | |
|-----------------|--|
| Fellow | - American College of Radiology |
| Member | - Mexico-USA Medical Society |
| Member | - American Medical Association |
| Member | - Sociedad Argentina de Radiologia |
| Member | - American Society of Therapeutic Radiology and Oncology |
| Member | - American Radium Society |
| Member | - Sigma Xi, Missouri Chapter |
| Member | - Radiological Society of North America |
| Member | - Circulo de Radioterapeutas Ibero Latino Americanos |
| Founding Member | - M.D. Anderson Hospital Associates |

PAPERS:

Cancer Del Labio. Sala, J.M. and del Regato, J. Presented at the Sixth Inter-American College of Radiology Meeting, Lima, Peru, November, 1958.

Carcinoma of the Lower Lip. Presented at the 44th Meeting of the Radiological Society of North America, Chicago, Illinois, November, 1958.

Cancer Del Utero Metodos De Tratamiento. Presented at the Department of Pathology, University of Buenos Aires, October, 1958.

The Treatment of Carcinoma of the Endometrium. Read at the 47th Annual Meeting of R.S.N.A., Chicago, Illinois, 1961.

Pelvic Pneumography in Carcinoma of the Cervix. Read at the 47th Annual Meeting of R.S.N.A., Chicago, Illinois, 1961.

Carcinoma of the Cervical Stump. Presented at the 48th Annual Meeting of R.S.N.A., Chicago, Illinois, 1962.

Recurrent Cancer of the Cervix. Presented at the 49th Annual Meeting of R.S.N.A., Chicago, Illinois, 1963.

Recurrent Cancer of the Cervix. Presented at the 8th Inter-American College of Radiology, Caracas, Venezuela, October, 1964.

SPECIAL LECTURES:

University of Oklahoma Cancer Seminar, Oklahoma City, Oklahoma, 1960.

Wichita OB and GYN Society, Wichita, Kansas, 1960.

American Cancer Society, Cape Girardeau, Missouri, 1960.

Institute of X-ray Technicians, Kansas City, Missouri, 1960.

Missouri Society of X-ray Technicians, Columbia, Missouri, 1960.

Escuela de Medicina, Universidad of Buenos Aires, Argentina, 1961.

Escuela de Medicina, Universidad del Litoral, Rosario, Argentina, 1961

Escuela de Medicina, Universidad de Cordoba, Argentina, 1961

Escuela de Odontlogia, Rosario, Argentina, 1961

Cancer of the Ovaries. Presented at the XI Inter-American Congress of Radiology, Bogota, Columbia, South America, February 21, 1975.

Irradiation of Endometrial Cancer (Cancer of the Uterine Body). Presented at the American Radium Society Meeting, San Juan, Puerto Rico, May 7, 1975.

(CONTD SPECIAL LECTURES:)

Lectures given as Visiting Professor, University Autonoma, Quadalajara, Mexico, August, 1977.

- New Trends in Radiation Oncology
- Preliminary Report in the Use of Pi-Mesons in Treatment of Human Malignant Tumors
- Cancer of the Endometrium a Growing Menace
- Radiation Therapy as Definitive Treatment of Cancer of the Prostate
- Incidence of Cancer in a Mexican-American Population
- The New Mexico Tumor Registry
- Cancer Control of New Mexico, A New Approach to an Old Problem
- Feasibility of a Cancer Center in Guadalajara, Mexico

PUBLICATIONS:

1. Sala, JM: Cobalt 60 in Cancer. Pan American Journal of Medicine, July, 1958.
2. Sala, JM and Schewe, EJ, Jr: Bilateral Ureteral Obstruction Complicating Treatment of Carcinoma of the Cervix. American Journal of Roentgenology, January, 1959.
3. Sala, JM and del Regato, JA: The Treatment of Carcinoma of the Lower Lip. Radiology 73(6), December, 1959.
4. Sala, JM and McGee, JE: Carcinoma of the Cervix in Pregnancy. Journal Iowa State Medical Society, December, 1960.
5. Sala, JM and Thompson I, et al: Testicular Tumors. Journal of Urology 85:173-175, February, 1961.
6. Sala, JM, Keat, TC and Dolan, L: The Pelvic Pneumogram in Carcinoma of the Cervix. Radiology 78:274-276, 1962.
7. Spratt, JS, and Sala, JM: The Healing of Wounds Within Irradiation Tissue. Missouri Medicine 59:409-411, 1962.
8. Sala, JM and del Regato, JA: Treatment of Carcinoma of the Endometrium. Radiology 79:12-17, 1962.
9. Sala, JM, Gleason, JA and Spratt, JS: Adenocarcinoma of the Cervix Uteri. Missouri Medicine 59:1168-1173, 1962.
10. Masterson, BJ, Sala, JM and Spratt, JS: Epidermoid Carcinoma of the Vagina. Missouri Medicine 59:1182-1184, 1962.
11. Spector, GW and Sala, JM: Evaluation of Tumors of Upper Air Passages with Single-Emulsion Film. Radiology 80:290-294, 1963.
12. Sala, JM and diaz del Leon, A: Carcinoma of the Cervical Stump. Radiology 81:300-306, 1963.
13. Long, RT and Sala, JM: Combined Radical Surgery and Irradiation Therapy in the Management of Advanced Ovarian Carcinoma. Surgery, Gynecology and Obstetrics 117:201-204, 1963.
14. Long, RT, Spratt, JS and Sala, JM: Problems in the Management of Advanced Endometrial Carcinoma with a Report of Sixty-five Cases. American Journal of Obstetrics 87:942-947, 1963.
15. Gary, RK, Sala, JM and Spratt, JS: The Detection and Control of Postirradiationally Persistent and Recurrent Cancers of the Cervix Uteri. Radiology 83:208-218, 1964.
16. Long, RT, Johnson, RE and Sala, JM: Variations in Survival Among Patients with Carcinoma of the Ovary. Cancer 20:1195-1202, 1967.

17. Sala, JM: Preoperative Radiotherapy for Adenocarcinoma of the Rectum. Proceedings of Cancer Therapy by Integrated Radiation and Operation Symposium, Charles C. Thomas, 1968.
18. Mercado, R and Sala, JM: Comparison of Conventional and Supervoltage Radiation in the Management of Cancer of the Cervix. Radiology 90:967-970.
19. Mill, WB, Sala, JM and Fogerson, VL: Hodgkin's Disease: A Retrospective Analysis of 40 Primary Cases. Missouri Medicine 69:427-431, 1972.
20. Long, RT, Sala, JM and Spratt, JS: Endometrial Carcinoma Recurring After Hysterectomy: A Study of 64 Cases, with Observations of Effective Treatment Modalities and Implications for Alteration of Primary Therapy. Cancer 29:318-321, 1972.
21. Neiman, et al: Hodgkin's Disease, Vol. II: Pathological Considerations. MSS Info Corporation, 1974.
22. Kligerman, MM, Smith, A, Yuhas, JM, Wilson, S, Sternhagen, CJ, Helland, J and Sala, JM: The Relative Biological Effectiveness of Pions in the Acute Response of Human Skin. International Journal of Radiation Oncology, Biology, and Physics 3:335-339, 1977.
23. Kligerman, MM, Sala, JM, Wilson, S and Yuhas, JM: Investigation of Pion Treated Human Skin Nodules for Therapeutic Gain. International Journal of Radiation Oncology, Biology, and Physics 4:263-265, 1978.
24. Khan, MK, Mettler, FA, Sala, JM, Kligerman, MM, von Essen, CF, Smith, AR and Sternhagen, CJ: Radiologic Aspects of Pi-Meson Therapy. Proceedings of the 64th Scientific Assembly and Annual Meeting, Radiological Society of North America.
25. Kligerman, MM, Wilson, S, Sala, JM, von Essen, CF, Tsujii, H, Dembo, J, Khan, MK: Results of Clinical Applications of Negative Pions at Los Alamos. Proceedings of the Third Meeting of Fundamental and Practical Aspects of the Application of Fast Neutrons and Other High LET Particles in Clinical Radiotherapy. The Hague. September, 1978, Pergamon Press, Oxford.
26. Khan, MK, Mettler, FA, Sala, JM, Kligerman, MM, von Essen, CF, and Sternhagen, CJ: Tumor Localization for Pi Meson Therapy. Accepted by the 64th Scientific Assembly and Annual Meeting of Radiological Society of North America, August, 1978.
27. Sala, JM and Kligerman, MM: Clinical Experience with Negative Pi Mesons and Other High-LET Radiation. Proceedings of the XII International Cancer Congress, Buenos Aires, Argentina, October, 1978, Pergamon Press, Oxford.
28. Kligerman, MM, von Essen, CF, Khan, MK, Smith, AR, Sternhagen, CJ and Sala, JM. Experience with Pion Radiotherapy. Cancer 43:1043-1051, 1979.
29. Mettler, FA, Schultz, K, Kelsey, CA, Khan, K, Sala, JM and Kligerman, MM: Gray-scale Ultrasonography in Evaluation of Neoplastic Invasion of the Base of the Tongue. Radiology 133:781-784, 1979.

30. Kligerman, MM, Sala, JM, Tanka, Y, Khan, K, Smith, A, Sternhage, CJ, Akanuma, A, von Essen, CF, Knapp, EA, Tsujii, H, Bagshaw, MA, Bradbury, J and Wilson, S: Normal Tissue Tolerance Versus Tumor Response with Negative Pi Mesons. *Journal of the Canadian Association of Radiologists* 31(1):31-38, 1980.
31. Phillips, TL, Wasserman, TH, Sala, JM, and Seydel, HG: Large Fraction Radiation Therapy and Misonidazole in the Treatment of Melanomas and Sarcomas. *International Journal of Radiation, Oncology, Biology and Physics*, October, 1982.
32. Lopez, MJ and Sala, JM: Malignant Superior Vena Cava Syndrome-A 15-Year Experience. *Missouri Medicine* 79:810-815, 1982.