



Chair
James Slater
Loma Linda University Medical Center
P. O. Box 2000
11234 Anderson Street
Loma Linda CA 92354

(714) 824-4644

Secretary
Michael Goitein
Dept. of Radiation Medicine
Massachusetts General Hospital
Boston MA 02114

(617) 726-8153

FINAL ANNOUNCEMENT

of PTCOG VIII MEETING

**TO BE HELD IN VANCOUVER, B.C. ON
April 7th (Thursday) and 8th, 1988**

This is the final announcement of the eighth PTCOG meeting which will be held at TRIUMF in Vancouver, British Columbia, Canada on Thursday, April 7th and Friday, April 8th, 1988.

Meeting Arrangements

The meeting will be held in the auditorium of the administrative building of the TRIUMF facility of the University of British Columbia. The meeting will start at 8:30 am on the morning of the 7th and last all day on the 8th. In addition, the Cancer Control Agency of British Columbia, in conjunction with TRIUMF, are sponsoring a Clinical Day on Saturday, April 9th to be held at the Four Seasons Hotel in downtown Vancouver – all PTCOG members are cordially invited to attend. The orientation of the Clinical Day is to acquaint practicing clinicians with the potential of proton therapy and the possibilities for it at TRIUMF. A preliminary agenda is attached.

The agenda for the PTCOG meeting is attached – it features the more traditional PTCOG format of generally open discussions on a few selected topics. An extensive session on patient positioning is planned. Since the last meeting, a very successful workshop on beam scanning has been held at LBL under PTCOG auspices, and a discussion of that topic will be continued. There will also be another in the ongoing series of clinical sessions on comparative treatment planning. A time has been set aside for reporting progress or discussing areas of interest not otherwise included in the schedule by any member who wishes one – precisely one (1) member has requested air time so far. This is a potentially valuable opportunity for discussion of members' projects or concerns and we want to encourage everyone to take full advantage of the chance to pick the brains of the assembled talent. Please contact the secretary with any requests for time in the progress report/discussion session.

There are plans for a buffet dinner on the evening of Thursday, April 7th. It would be greatly appreciated if you would use the form below to let us know the likelihood of your attending this affair.

Hotel Arrangements & Travel

A block of rooms has been held at the Four Seasons Hotel, 791 West Georgia Street, Vancouver, B.C. V6C 2T4 in the name of "PTCOG". **The deadline for making reservations is March 7th**. This being the case, if you haven't yet reserved your room, you would do well to telephone the hotel – whose number is (604) 689-9333 – rather promptly.

The airport is approximately 15 miles from the Four Seasons Hotel. An airport bus and taxis are available. Bus transportation to hotel and meeting site will be provided without additional charge. Maps of the big lecture and of the downtown area are enclosed.

Financial Details

Registration will be held on Thursday morning at TRIUMF. As usual, there will be a modest registration fee, of \$60 (US), which will defray incidental costs of the host institution (including the Thursday evening dinner). Members who stay for the Saturday clinical session will be asked to pay an additional \$17.50 (US) to defray the cost of lunch and snacks.

Establishing your intentions

It would greatly help our planning if those of you who will be attending any part of the meeting would fill in the following form (not included in this version) and /or contact Mrs. Koric.

Friday, April 8th, 1988

- 7:30 am Breakfast meeting of the PTCOG steering committee at the Four Seasons Hotel
- 8:45 am Clinical Applications session [arranged by Joseph Castro, Mary Austin-Seymour]
Comparative treatment planning:
Ca of the Ethmoid Sinus [M. Decker, LBL]
Rectal Ca [H. Tatsuzaki, MGH]
Study of scanned beam modulation vs fixed modulation for patients
With chordoma/chondrosarcoma treated at MGH/HCL [Marcia Urie]
Pion therapy
Case presentation illustrating planning & verification at TRIUMF
Dose-equivalent modeling [G. Lam]
Loma Linda contribution
- 10:30 *coffee break*
- 11:00 – 12:30 Clinical applications session (continued)
- 12:30 – 1:30 *lunch*
- 1:30 – 3:30 Progress of the Loma Linda Facility [arranged by J Slater]
accelerator
control system design
gantry design
nozzle design
facility
- 3:30 *coffee break*
- 3:45 – 5:00 Progress Reports: Topics of Interest
Dose flatness monitoring: multiple scattering [B. Gottschalk, 20 mins]
- 5:00 pm Organizational matters
Future meetings
Location
Content
Other business
- 5:30 *adjourn*

CLINICAL ASPECTS OF PROTON THERAPY
AND STEREOTACTIC RADIOSURGERY
FOUR SEASONS HOTEL
VANCOUVER – 9 APRIL 1988

PROGRAM

Session chairman: Dr. S. M. Jackson		
8:30	Welcome	D. Klaassen CCABC, Vancouver
8:35	Introductory Remarks	G.B. Goodman CCABC, Vancouver
8:45	The Development of Proton Therapy Medical Beam Lines at TRIUMF	E. Blackmore TRIUMF/UBC, Vancouver
9:15	The Potential of Proton Beam Therapy in Cancer Treatment – Harvard Cyclotron Experience	H. Suit Boston, USA
9:45	The General Aspects of Optimizing Dose-Delivery and its Distribution in Radiotherapy Emphasizing the Use of Proton Beams	M. Goitein Boston, USA
	COFFEE	10:15 – 10:45
Session Chairman: Dr. J. Rootman		
10:45	The Clinical Results of Treating Ocular Melanoma with Light Ions	J. Castro Berkeley, USA
11:15	The Treatment of Ocular Melanoma with Protons at SIN	C. Perret SIN, Switzerland
11:45	Surgical Limitations in Treatment of AVMs and the General Clinical Problem	F. Durity Vancouver
	LUNCH	12:15 – 1:30
Session Chairman: Dr. G. Thompson		
1:30	The Treatment of AVMs in Radiosurgery	L. Steiner Charlottesville, USA
2:15	Stereotactic Radiosurgery with Charged Particles for AVMs	J. Fabrikant Berkeley, USA
	COFFEE	2:45 – 3:00
03:00	Dynamic Stereotactic Radiosurgery with Photon Beams	E. B. Podgorsak Montreal, Canada
03:30	The Potential Contributions of Imaging Techniques to the Detection of CNS damage	P. E. Valk Berkeley, USA

CLINICAL ASPECTS OF PROTON THERAPY
AND STEREOTACTIC RADIOSURGERY
FOUR SEASONS HOTEL
VANCOUVER – 9 APRIL 1988

GUEST SPEAKERS

- Dr. Herman D. Suit: Chairman and Professor, Dept. of Radiation Therapy, Harvard Medical School at Massachusetts General Hospital, Boston, Massachusetts, USA
- Dr. Michael Goitein: Associate Physicist and Professor, Dept. of Radiation Medicine, Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts, USA
- Dr. Joseph R. Castro: Professor and Vice Chairman, Dept. of Radiation Oncology, UCSF; Director, Radiotherapy Dept., LBL, Calif., USA
- Dr. Charles Perret: Physicist, Swiss Institute of Nuclear Research (SIN), Villigen, Switzerland
- Dr. L. Steiner: Professor of Neurosurgery, University of Virginia, Charlottesville, USA
- Dr. Jacob I. Fabrikant: Professor of Radiology, UCSF, Lawrence Berkeley Laboratory, California, USA
- Dr. E. B. Podgorsak: Professor and Director, Medical Radiation Physics, McGill Univ., Montreal General Hospital, Montreal, Quebec
- Dr. Peter E. Valk: Research Physician, LBL, Berkeley, California, USA

SPEAKERS

- Dr. David J. Klaassen: Director, CCABC and Clinical Professor, Dept. of Medicine, Univ. of B.C., Vancouver
- Dr. George B. Goodman: Head, Developmental Radiotherapy, CCABC; Director TRIUMF Clinical Program; Clinical Professor Surgery, Univ. of B.C., Vancouver
- Dr. E. Blackmore: Head, Experimental Facilities Division and Assistant Director TRIUMF, Univ. of B.C., Vancouver
- Dr. Felix A Durity: Associate Professor, Dept. of Neurosurgery, Faculty of Medicine, UBC, Vancouver

SESSION CHAIRMEN

- Dr. S. M. Jackson: Head, Division Radiation Oncology, CCABC & Clinical Professor, UBC, Vancouver
- Dr. Jack Rootman: Professor of Ophthalmology, UBC & Eye Care Center, VGH, Vancouver
- Dr. Gordon B. Thompson: Chief & Head Division of Neurosurgery, VGH & Professor of Neurosurgery UBC, Vancouver