Introduction

The fourth scientific meeting of Japan Society for Laser

Medicine was held at Saito Hoonkan and Hotel Sendai Plaza, Sendai,

Japan on November 29-30, 1983.

Five speakers were invited to give special guest lectures:

James S. McCaughan from Columbus, Ohio spoke on Laser Surgery at a

Community Hospital, Yoshihiro Hayata from Tokyo on Lasers in the

treatment of Lung Cancer. Ikuzo Tanaka from Tokyo lectured on Laser

and Chemical Reaction, Takashi Kushida from Osaka on Bio-Spectroscopy

Using Ultrashort Laser Pulse, and Hajime Yamamoto on Laser Applica-

tion in Dentistry.

The symposiums and workshop were organized four sections: Laser-

knife --we want to know that--, Limitation of Laser Therapy for

Gastric Cancer, and Progress of the Measurement, Diagnosis and

Technology Using Lasers I & II. The general presentations were 97 in

total and were divided 22 sections: 4 Photo-dynamic Reactions, YAG-

Laser, CO₂-Laser, Apparatus, Fiber, Security, Combined Therapy, Soft

Irradiation, Bioreaction, Endoscopy, GI-Tract, Gastric Cancer, ENT

and Trachea, Dermatology and Plastic Surgery, Brain and CNS, Ophtal-

mology, Dentistry, and Fundamental Electronics. Video and films were

added to present.

In the past 3 meetings, most common presentations were Laser

Apparatus for Surgery and Laser Surgery, however, in this meeting

great advantages were found in various fields of. Laser for Medicine,

and especially photodynamic effects for cancer or photochemical reac-

tions for biological beings seem to be important problem in the near

future. Many hot discussions were done in the period of the meetings.

With collaboration of the participants, the proceeding of the

meeting is now to be published. It is my great honour and pleasure

to edit the proceeding of the meeting. I wanted to include all

presentations and discussions in the proceeding. It is my regret,

however, that I failed to make a complete records of the meeting.

Next meeting will be held at Sapporo under the presidency of Prof.

Yoichi Kasai in 1984. I want to see all the members of the Society

in Sapporo.

Morio Kasai, M.D.