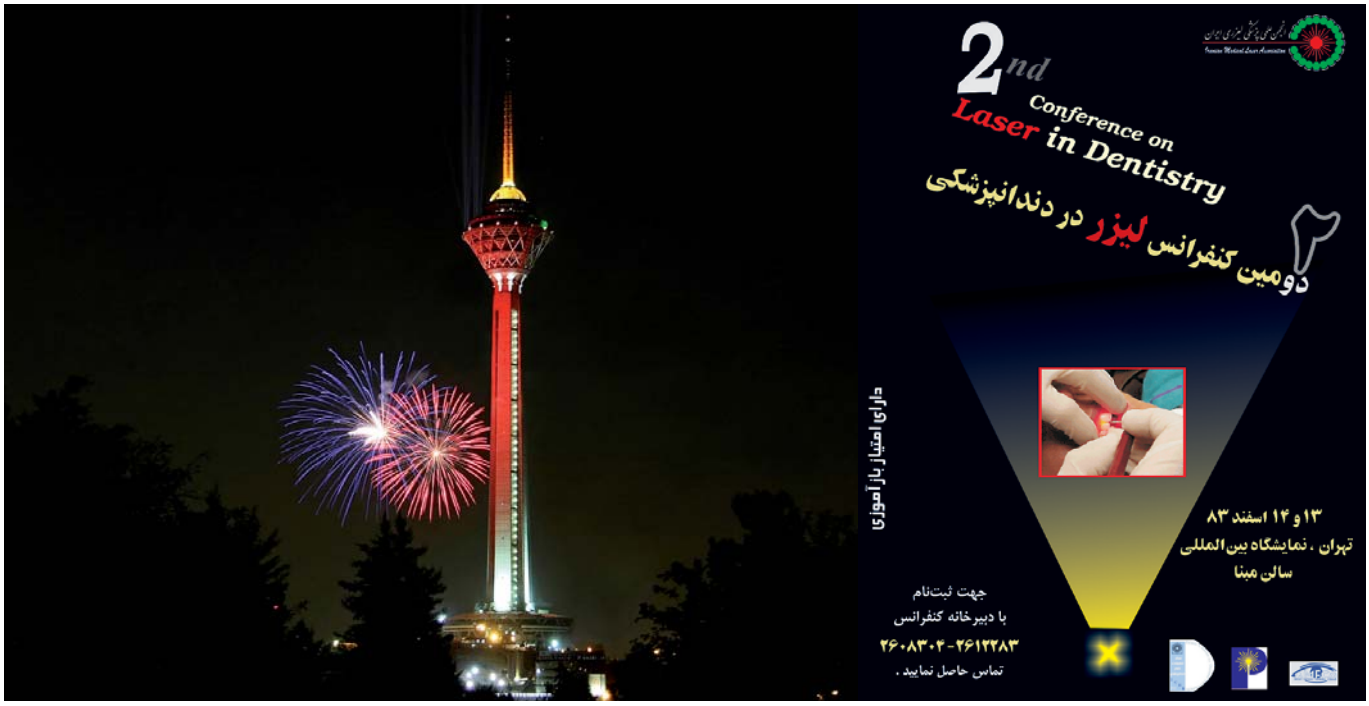


The Plan of Development and Advancement of Laser in Dentistry (PDALD)

authors_Reza Fekrazad*, Katayoun AM Kalhori**, Iran

(*) DDS, Ms—Periodontologist—Vice president of Iranian Medical Laser Association (IMLA) and Manager of National Committee of laser in Dentistry in Ministry of Health and Medical Education (PDALD), Department of Peridontology, Dental Faculty, Shahid Beheshti University of Medical Sciences, Tehran, Iran

(**) DDS, Ms—Oral and Maxillofacial Pathologist—Master in Laser in Dentistry, University of Aachen—Manager of Educational subgroup of PDALD

_The history of Iranian medicine goes back to thousands of years ago. Studying the history reveals the fact that some genius ancient doctors like Avicenna (Abu-Ali-Cina) attempted a lot to improve the health condition of people. Modern technology has provided a great chance for us to apply knowledge and technique to reduce pain and maintain health in human beings. Technology has empowered knowledgeable people to relieve pain and suffer from people.

Achieving the sacred goal of making a painless life for people has encouraged us to open minds and view the horizon a head, and keep going with our full strength.

Laser, one of the unique technologies, can empower human beings with it over whelming features and capabilities.

After two decades of hard working by active people in this field in educational workshops and researching projects along side with informing people in the country, the scientific community of Iran has finally concluded to recognize "LASER" as an absolute need for near future.





Educated people are fully aware of bitter consequences of prejudice and resistance against science. The least negative impact assumed for ignoring science is being deprived from services of modern technology.

Scientific communities of the country and the executive team have provided a determined plan called "PDALD" and have been presented to the Islamic Republic of Iran ministry of health and medical training, as the highest executive level of the country. The story of PDALD goes back to five years ago. Since 2005 then the first international Congress of Laser in Iran, outstanding activities in international scale were performed in our country. Some numerical information can reveal the fact in an easier way. Considering the scientific potentials and human resources, we decided to promote laser—knowledge training and research through out the country in Dentistry in a systematic way.

PDALD stands for the Plan of Development and Advancement of Laser in Dentistry. The plan has been designed, developed and performed academically to expand laser knowledge in Dentistry. The first round of the plan was for piloting purposes to figure out a more accurate model for applying laser in all medical fields in future.

After a few months studying and considering all aspects of the plan and positive attitudes of the high-ranked officials of the ministry specially the Deputy of training in the ministry and the Secretary of dentistry educational council, Professor Fazel, the plan was approved. During the last few months some negotiations with international scientific communities have been under taken.

An organizational charter has been designed for the plan. The supreme policy-making council is on the top.

It consists of two major parts: Dentistry science specialists and physics experts in medical and dentistry branch of laser. We strongly believe that these two wings are both needed urgently to take this technology to a good end. The over-mentioned supreme council has six sub-branches:

A—Education. B—Research. C—International relations. D—Equipment, standards and controlling methods. E—Publications. F- Finance, budgeting and credits.

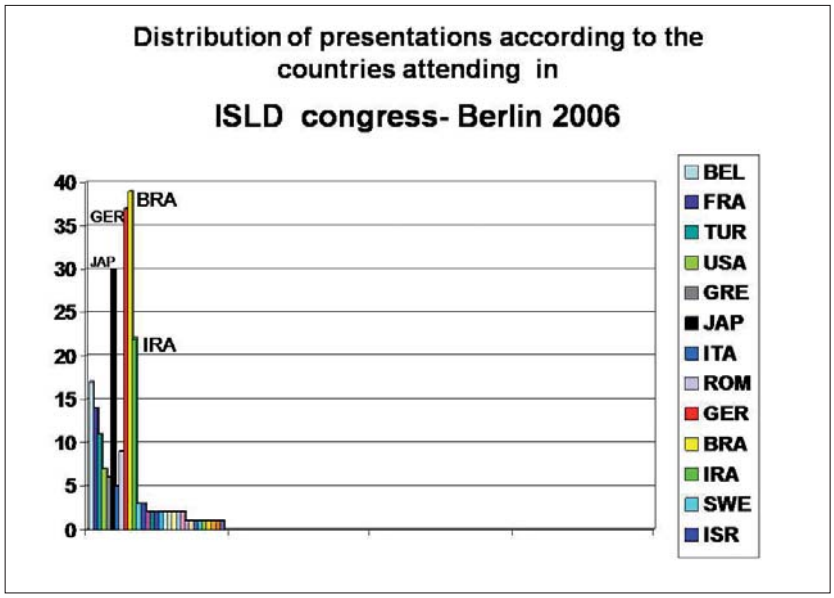
The person in charge of a group has some responsibilities which can differ upon domestic and international conditions.

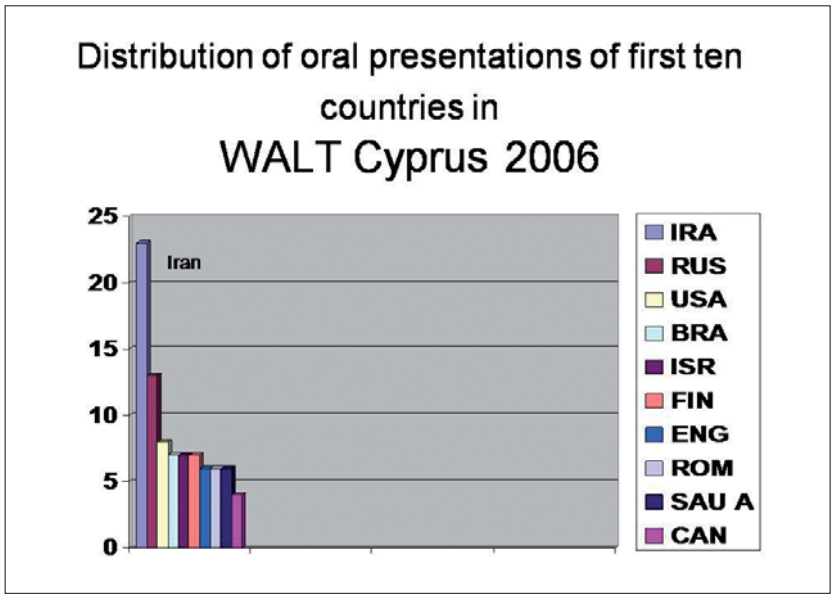


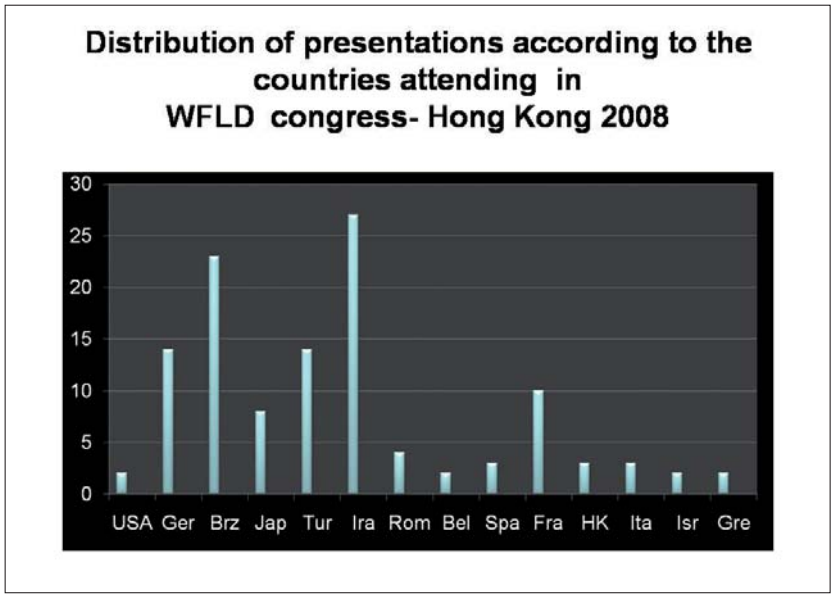












Time management for activities make us to have some short-term plans, which have to be met in a two-year period, and some long-term plans, which have to be covered in a ten-year term.

The most outstanding aspect of the plan is the educational curriculum, which shows a strong basis with a great cohesion and coherence in the whole subject.

An under graduate and post graduate student in dentistry for special courses have to take laser as a two-unit course (34 hours of education). In the last terms the study the basics and principles of laser more over they learn how to use it practically.

There are some 18 dentistry schools in Iran and six of them have already been equipped with high-level and low- level lasers. The rest are getting equipped gradually.

Along side with our activities, we started negotiating with well-known and reputable international communities. Finally, we decided to work with the academic center of the University of Aachen to help us training the previously accepted instructors in a one-year time in a joint program with Tehran University which is the oldest and reputable one in Iran.

Although a lot of precious scientific activities have been done in Iran during the last years, still a long way has to be paved to get the summits. The number of articles presented in the congress of Berlin, Cyprus and Hong Kong show the existing potentials here in our country.

No other country has so far managed to do such a great thing in the world, but we do need ideas and suggestions of scientists and professors all around the world. Professor Gutknecht and Professor Nammour , ...from WFLD have already helped us a lot for high intensity laser therapy part of the plan.

Dr Tuner and Professor Bjordal,...from WALT supported us very much for Low intensity laser therapy part of the plan.

Hereby we would like to extend our heartiest thanks to all over mentioned people who have helped us so far and we would like to invite all reputable exports in the world to give us a hand to take a step towards a healthier and better world a way from religious, national or color prejudices.

We strongly believe that we can have a crucial role in promotion and expansion of laser in the world in the near future.

We hope this would be possible if pioneers and scientists help us on the way by their knowledge and experiences.

We Hope in near future Laser turn to be a successful technology in solving problems of both patients and practitioners._

_contact laser

E-mail: dr_rfekrazad@yahoo.com
E-mail: dr_kalhori@yahoo.com

ZWP online

News & Trends

Germany's best source for daily dental news!



www.zwp-online.info