

Fondation **Adelis**

Technion and TalCenter Collaboration
Impact of Integrative Medicine
on
Chemotherapy-Induced Peripheral Neuropathy
A Multi-Centered Randomized Controlled Trial

APRIL UPDATE

Prof. Elad Schiff

Since the commencement of the collaborative program, the required focus of The Adelis Foundation, was to establish cross fertilization between the centers involved in the program viz: the Bnai Zion Medical Center and Lin Medical Center, within the auspices of the Technion, and the Tal Center for Integrative Medicine.

We have jointly created a unique research methodology, and established treatment approaches in acupuncture, reflexology, and guided imagery. We also held several meetings for the team leaders and practitioners in the three centers to facilitate the flow of ideas.

Following a change in the medical leadership at the Tal Center there was somewhat of a hiatus in the required direct research work at that Center.

This update is therefore related to direct research data collected in the Bnai Zion Medical Center and Lin Medical Center under the auspices of the Technion.

It is expected that under the new leadership of Dr. Dorit Gamus and Dr. David Hausner, the Tal Center will soon re-establish their direct research work and will provide similar data for the next update.

As of April, 2019, we can report the following:

- 28 patients were recruited for the study. Of them, 16 are in the acupuncture group, and 12 in the control group.
- A total of 148 acupuncture treatments were performed.
- Of the 16 patients in the acupuncture group, 11 completed all the treatments (12 treatments per patient) and 4 are in the midst of the process, each having received 4 treatments.
- 71 "Von Frey" tests were performed for the objective evaluation of neuropathic pain.
- Multiple questionnaires were administered:
 - 71 FACT questionnaires
 - 71 EORCT QLQ-C30 questionnaires
 - 71 MyCaw questionnaires
 - 28 questionnaires on the use of drugs and dietary supplements
 - 28 medicinal questionnaires

As yet, we have not reached the calculated sample size target to conduct a scientifically just statistical analysis.

Nevertheless, working toward the Research Day at Bnai Zion Medical Center that will be held on May 21st, we submitted an abstract of the data to the Scientific Committee of the hospital with preliminary analysis of the study outcomes at Bnai Zion. We are very pleased that the committee accepted our abstract for poster presentation, which we share with you as the appendix attached. As you can see, there was an obvious trend of improvement at 6 weeks of treatment (both subjective and objective) in the patients that were treated with complementary

medicine.

In addition, the fact that patients undergoing chemotherapy, which causes extreme fatigue, are adhering to twice weekly acupuncture treatments, indicates to us that the acupuncture is beneficial and significant for them.

We are not only satisfied with our activities, but also very proud of them, since this is an extremely challenging study.

We would like to share our experience firsthand. We therefore extend an invitation to representatives of The Adelis Foundation to come and meet with researchers, practitioners, and most importantly the patients.

It will give us an opportunity to express our appreciation of the forward-thinking initiative of the Foundation for its support of this novel and patient centered project.