**ESSO Course on Electrochemotherapy of Cutaneous and Deep Seated Tumors.**

**22-23 October 2018, Ljubljana, SI**

**Organized by**

European Society of Surgical Oncology in partnership with Institute of Oncology Ljubljana and University Medical Center Ljubljana, Slovenia

**Chairs**

Ibrahim Edhemovic, Institute of Oncology Ljubljana, Ljubljana, SI

Gregor Sersa, Institute of Oncology Ljubljana, Ljubljana, SI

**Faculty Members**

Nina Boc, Institute of Oncology Ljubljana, Ljubljana, SI

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Damijan Miklavcic, Faculty of Electrical Engineering, University of Ljubljana, SI

Mihajlo Djokic, University Medical Center, Ljubljana, SI

**Venue**

Institute of Oncology Ljubljana

Zaloska 2

SI-1000 Ljubljana

Slovenia

**Program**

**Monday 22nd October**

09.00 – 09.10 Welcome

**Theoretical Backgrounds**

09:10 – 09:30 Principles of electric field application in electrochemotherapy

*D. Miklavcic*

09:30 – 09:50 Basics and mechanisms of electrochemotherapy

*M. Cemazar, G. Sersa*

09:50 – 10:10 Overview of clinical applications in cutaneous tumors

*M. Snoj*

*10:10 – 10:30 Coffee Break*

10:30 – 10:50 How to treat cutaneous tumors, new SOP and side effects

*J. Gehl*

10:50 – 11:10 Pharmacology of bleomycin, implications in lowering the dose

1. *Groselj*

11:10 – 11:30 Electrochemotherapy of melanoma metastases

*L. Campana*

11:30 – 11:50 Electrochemotherapy of head and neck cancer

*G. Bertino*

*12:00 - 13:00 Lunch*

**Live Sessions**

13:00 – 16:00 Treatment of skin head and neck tumors

1. *Groselj, M. Snoj*

**Case discussion session**

16:00 – 18:00 Skin tumors

*Moderators: J. Gehl, L. Campana, G. Bertino, M. Snoj, A. Groselj*

Social Dinner

**Tuesday 23rd October**

**Theoretical Backgrounds**

09:00 – 09:20 Overview of ECT application in deep seated tumors

*I. Edhemovic*

09:20 – 09:40 Treatment planning
*B. Kos*

09:40 – 10:00 Treatment verification

*N. Boc*

10:00 – 10:20 Experience in treatment of colorectal liver metastases

*I.Edhemovic, E.Brecelj*

10:20 – 10:40 Experience in treatment of hepatocellular carcinoma

*B.Trotovsek, M. Djokic*

*10:40 – 11:10 Coffee break and snacks*

**Live Sessions**

11:00 – 14:00 Treatment of liver tumors

*I.Edhemović, E. Brecelj, B. Trotovsek, M. Djokic*

**Case Discussion Session**

14:00 – 15:00 Liver tumors

Moderators: I. Edhemovic, E. Brecelj, B. Trotovsek,

M. Djokic

15:00 – 15:15 End of the course - Concluding remarks