



*UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE
"CAROL DAVILA" din BUCUREȘTI*



ABILITY THESIS

ABSTRACT

**NEW PRESPECTIVES IN LAPAROSCOPIC
TREATMENT OF FEMALE INFERTILITY
AND IN FERTILITY PRESERVING IN
PATIENT WITH NEOPLASIA**

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ABSTRACT

The habilitation thesis named” **NEW PRESPECTIVES IN LAPAROSCOPIC TREATMENT OF FEMALE INFERTILITY AND IN FERTILTY PRESERVING IN PATIENT WITH NEOPLASIA**” “Tendințe actuale în tratamentul laparoscopic al infertilității feminine și menținerea fertilității – la paciențele cu neoplazie” includes three sections as recommended by CNATDCU and the provisions of article 300 part 2 of the National Education Law no. 1/2011.

In the **first section** of the thesis I presented both my didactic and professional work following all the stages that I accomplished during the 26 years of academic career. In this section I detailed the clinical activity, didactic activity, the research, the participation at scientific events, also the responsibilities that I have as Head of Clinic Obstetric Gynecology and Head of Discipline Obstetrics Gynecology St. Pantelimon Clinical Emergency Hospital within the Department 13.

In the same section I have presented my PhD thesis named INDICATIONS CONTRAINDICATIONS AND LIMITS OF LAPAROSCOPY IN GYNECOLOGIC PATHOLOGY that I defended in 2002, coordinated by PhD Prof Dr Ancăr V from ”Carol Davila” University of Medicine and Pharmacy from Bucharest. Scientific activity during the doctoral studies with professional activity, educational activity, publishing activity, all represents the basis for the present habilitation thesis.

I start to deepen and to develop a field of clinical and scientific activity which in that particular moment only just started, that is gynecologic laparoscopy for benign pathology. Laparoscopic interventions open a new horizon in gynecologic specialty through the main advantages which are: reduced inpatient hospitalization, cosmetic aspect, rapid postoperative recovery, low incidence of complications and rapid return to the usual activities. My concern for this kind of interventions followed after a specialized period of three months of training in Paris at Hopital Universitaire Tenon in year 2000.

My professional activity is sustained by participating at courses of specialization in laparoscopy, maternal-fetal medicine, hysteroscopy, obstetrical ultrasound, fetal echocardiography, medical management. Since 2012 I have the position of Head of Obstetrics Gynecology Clinic and from 2014 I am Head of Discipline Obstetrics Gynecology Sf Pantelimon Clinical Emergency Hospital within Department 13.

My editorial activity was represented by three monography as main author and coauthor in six monography and some chapter in different monography, principal author and coauthor at many several articles ISI web of science and BDI articles. All these will be present in the habilitation thesis.

Appearing before the footlights of academic activity was in 1991 as University Preparator in Department Obstetrics Gynecology St. Pantelimon Emergency Clinical Hospital, and I followed all the academic steps until the position of Associate Professor in 2014. During this academic career I have participated in many times at conferences and congresses as speaker but also with oral and poster presentation.

In the **section II** I have detailed scientific projects collaboration with different centers and the academic career, taking as a starting point studies and scientific project in which I have participated, and post university courses of laparoscopy, maternal fetal medicine and ultrasound in obstetrics

Academic activity will follow the training of residents in obstetrics gynecology, and studying doctors through the accumulation of knowledge and to the medical continuing training. Also with the support of UMF Carol Davila and Scientific Societies and Physicians College we will try to organize courses and workshops for students, practical demonstrations for residents physicians, specialists, in the field of maternal-fetal medicine and gynecologic endoscopy. I will continue to improve the scientific and education skills through trainings and participating to national and international scientific meetings. I will disseminate the information acquired through training and workshops for students, residents and specialists.

The future professional and research direction of my development will evolve to the laparoscopy in infertility and also in maternal-fetal medicine. The endoscopy in gynecology goes to new directions not only concerning infertility but also for the maintenance of fertility in cases of patients of young age with neoplasia. Taking into account that today there is an increase of neoplasia in female of young age that still wish a pregnancy, using the new laparoscopic technique like ovarian transposition, cryopreservation of ovarian tissue, cryopreservation of oocytes, we can give our patient a new hope in obtaining a pregnancy. Collaborative care between oncology team, infertility specialists, gynecologists, genetic specialist, with the patient and her family, can help ensure these women have access to such medical information and to the most efficient treatment.

Section III contains the most important and recent bibliographic references used in the habilitation thesis in order of appearing in text.