



REPUBLIC OF SERBIA
MINISTRY OF DEFENCE

MILITARY MEDICAL ACADEMY



Clinic for Chest Surgery





Historical Path of the Clinic

- **Continues the tradition of Surgical Department then operating within the framework of Tuberculosis Military Institute, established in 1959**
- **Colonel Prof. Dr. Ervin Ginzberg was the Head of the Surgical Department between 1959 and 1981**
- **Having moved into the MMA new building in 1981, the Clinic for Cardiac and Thoracic Surgery was formed**
- **Colonel Dr. Dragomir Cvetanovic headed the Department of Chest Surgery between 1981 and 1994**
- **Major General Prof. Dr. Vladislav Stepic headed the Department of Chest Surgery between 1994 and 2002**





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Historical Path of the Clinic

- **Lt. Col. Assist. Prof. Dr. Vlado Cvijanovic was the head of the Department of Chest Surgery from 2002 to 2005**
- **In 2005, Clinic for Chest Surgery was formed**
- **Colonel Prof. Dr. Vojkan Stanic headed the Clinic between 2005 and 2012**





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Professional Team of the Clinic for Chest Surgery





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Professional Team of the Clinic for Chest Surgery

- **Colonel Assist. Prof. Dr. Vlado Cvijanovic**
- **Lt. Col. Dr. Aleksandar Ristanovic**
- **Major Dr. Nebojsa Maric**
- **Dr. Natasa Vesovic**

- **Captain Dr. Vanja Kostovski, on specialist studies**
- **Dr. Ljubinko Djenic, on specialist studies**
- **Dr. Dejan Stojkovic, on specialist studies**





Operational Structure in 2012- Open Surgeries

➤ Lobectomy	96	➤ Cervical mediastinoscopy	42
➤ Bilobectomy	7	➤ DNM	2
➤ Pneumonectomy	26	➤ Metastasectomy	22
➤ Atypical resection	79	➤ Sleeve lobectomy	6
➤ Mediastinal tumors	26	➤ Cystic echinococcosis	2
➤ Segmentectomy	8	➤ Pleural drainage	87





Operational Structure in 2013- Open Surgeries

➤ Lobectomy	115	➤ Cervical mediastinoscopy	42
➤ Bilobectomy	14	➤ Decortications	10
➤ Pneumonectomy	27	➤ Metastasectomy	22
➤ Atypical resection	53	➤ Sleeve lobectomy	5
➤ Mediastinal tumors	29	➤ Tracheal resection	2



1303 Thoracic War Trauma

➤ Penetrating injury	1117	84%
➤ Blunt injury	186	16%
➤ Blast injury		54%
➤ Gunshot wound		45,5%
➤ Blast lung injury		0,5%
➤ Comparing to all injuries		12%





Distribution of Injuries

➤ Lungs	1059
➤ Diaphragm	74
➤ Heart and large blood vessels	39
➤ Large airways	10
➤ Larynx	7





Minimally Invasive Surgery in 2012

➤ Sympathectomy, VATS sympathectomy	47
➤ VATS biopsy and tumor extirpation	25
➤ VATS thymectomy	8
➤ VATS atypical lung resection	11
➤ VATS pleural and pulmonary biopsy (pleurodesis)	96
➤ VATS surgical procedure	187





Minimally Invasive Surgery in 2013

➤ VATS sympathectomy	35
➤ VATS biopsy and extirpation of mediastinal tumors	25
➤ VATS thymectomy	7
➤ VATS atypical lung resection	31
➤ VATS pleural and pulmonary biopsy (pleurodesis)	114
➤ VATS surgical procedures	212





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VATS Lobectomy

- **Adequate oncological surgical procedure for NSCLC 1st stadium**
- **January 9th, 2014 the first VATS lobectomy was performed at the Clinic for Chest Surgery**





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Plans and Perspectives

- **Introduction of the procedure video mediastinoscopy**
- **Continuous education in VATS surgery**
- **Further education in large airways surgery**

