

Central Military Hospital, Prague

**ANNUAL  
REPORT  
COVERING  
THE YEAR 2005**



**ÚVN**



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# 1. FOREWORD BY DIRECTOR

**Dear Madam, Dear Sir,**

*You have received Annual Report of Central Military Hospital covering the year 2005. We would like to use the following several pages to offer you basic information on the activity and management last year. The year 2005 was quite essential and represents a breakthrough for the Central Military Hospital (Czech acronym – ÚVN) in many directions.*

*It was the year when our hospital was accredited according to Joint Commission International standards as the first medical facility not only in the Czech Republic but also in Central and Eastern Europe. It is very important appreciation of the long-lasting working effort of all our employees as well as a binding commitment for the future. Workers of ÚVN have proved that they can successfully concentrate their effort on systematic increasing of quality of care for the patients even in the turbulent environment existing in the Czech health service at present.*

*In 2005, thanks to the support of Ministry of Defence – the promoter of ÚVN Prague, we started the final stage of reconstruction of the hospital buildings (pavilions). After its completion the ÚVN will become a true hospital of the third millennium, which will offer its clients not only high-quality and safe health care but also appropriate accommodation comfort for patients and good working environment for personnel.*

*Moreover, we have started the project titled “Green Way” that has promoted effectiveness of care of the members of the Czech Armed Forces in preventive, diagnostic and curative spheres.*

*ÚVN Prague intends to continue in making its clinical working places more academic not only by means of systematic co-operation with the Faculty of Military Medical Service of the Defence University, Medical Faculties, Faculty of Physical Education and Sport of the Charles University but also by establishing the clinics of medical faculties directly within our hospital. In this way, Internal Medicine Departments merged into Internal Medicine Clinic of Charles University Medical Faculty I and Central Military Hospital. Surgery Clinic of Charles University Medical Faculty II and Central Military Hospital has been established in the same way. The process will continue in order to make use of the potential of our employees and technological equipment of the hospital for pre-gradual and post-gradual education of all categories of the workers in health service.*

*In harmony with the worldwide trend, ÚVN continues in integrating individual working places. The hospital is gradually establishing top-quality co-ordination centres combining the care according to pivotal programmes, e.g. Robotic Centre that is used by several surgery specializations. It results in maximum utilization of skilled workers and modern technologies as well as in larger extent of co-operation of individual clinics and departments of the hospital. ÚVN will continue in systematic increasing of the quality of care and security of patients in order to meet our motto: **“Bonum aegroti suprema lex”, “...benefit of a patient is the supreme law”.***



Colonel Štefan Brunclík, MD  
Director, ÚVN Prague



**ÚVN**

## 2. CHARACTERISTICS OF THE ORGANISATION

### *Basic identification data*

|                                    |  |
|------------------------------------|--|
| Name of the organisation:          | Ústřední vojenská nemocnice Praha<br>(Central Military Hospital, Prague) |
| Location of the organisation       | U Vojenské nemocnice 1200, 169 02 Prague 6                               |
| Company Registration Number (CRN): | 61383082   |
| Promoter:                          | Ministry of Defence  |

### *Management of Central Military Hospital, Prague*

|   |  |
|---|--|
| Director:   | Col. Štefan Brunclík, MD   |
| Deputy Director:  | Col. Ladislav Šerák, MD  |
| Deputy Director for Medical<br>and Preventive Care (MPC): | Ladislav Lednický, MD  |
| Deputy Director for Economy                               | Josef Doubek, M.Sc. (till 10/2000) then,<br>acting Deputy Tibor Ďurík, M.Sc. |
| Deputy Director for Logistics:                            | Col. Rudolf Plzák, M.Sc.   |
| Deputy Director for Pharmacy:                             | Col. Stanislav Suchánek, MA  |
| Deputy Director for Nursing Care:                         | Lenka Gutová, BA   |

### *ÚVN Advisory Bodies and Boards*

Advisory Board of the Director

ÚVN Drug Commission (DC)

Editorial Board of DC for positive letters

Effective Hemotherapy Commission

Nutrition Team

Health Care Quality Team

Nursing Care Quality Group

Decubites Presence Monitoring Group

Work Safety and Protection Commission (WSPC)

– examination and assessment of accidents and occupation diseases

Discarding Commission

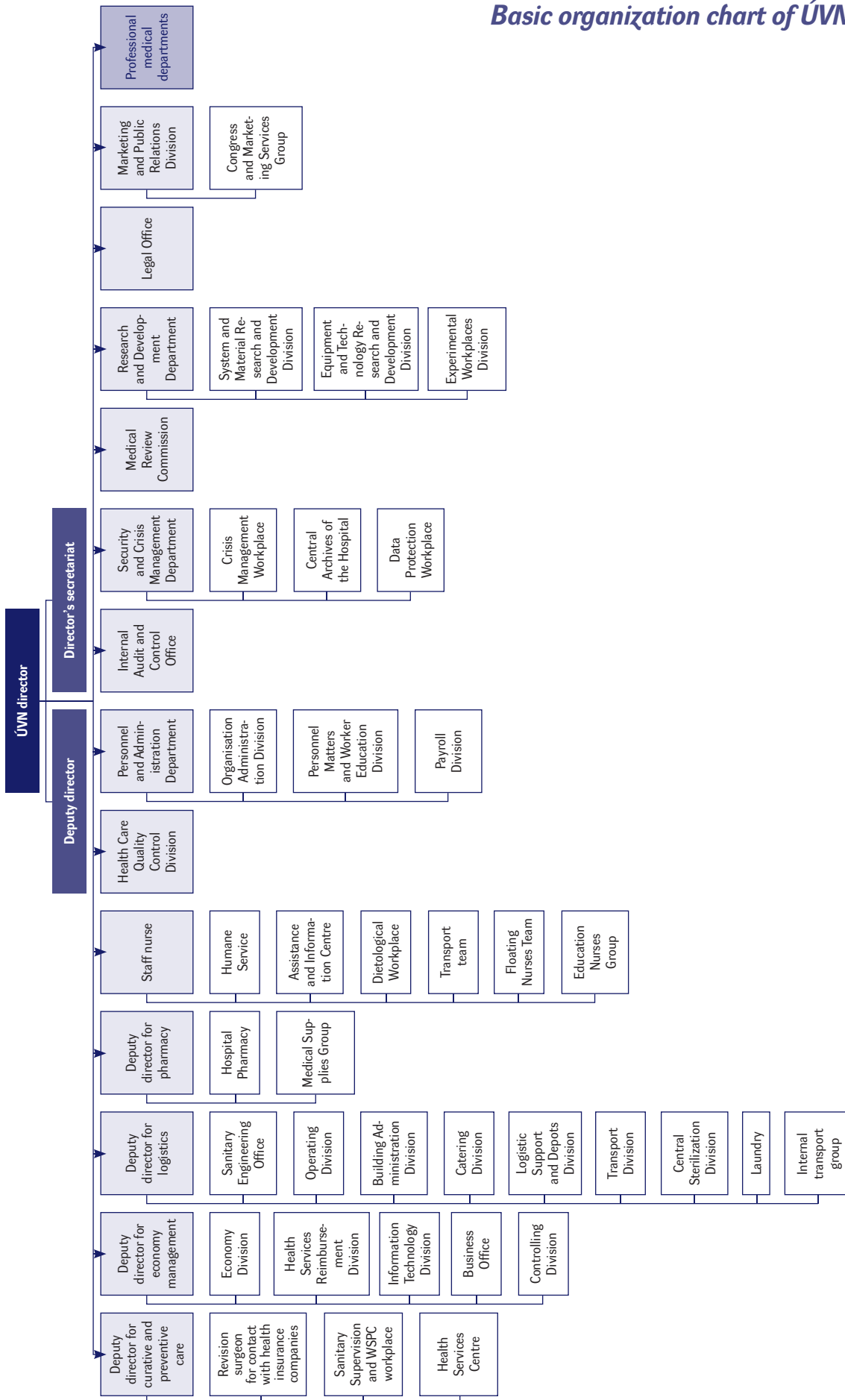
Claims Handling Commission

Academic Council

Medical Review Commission

Ethic Commission

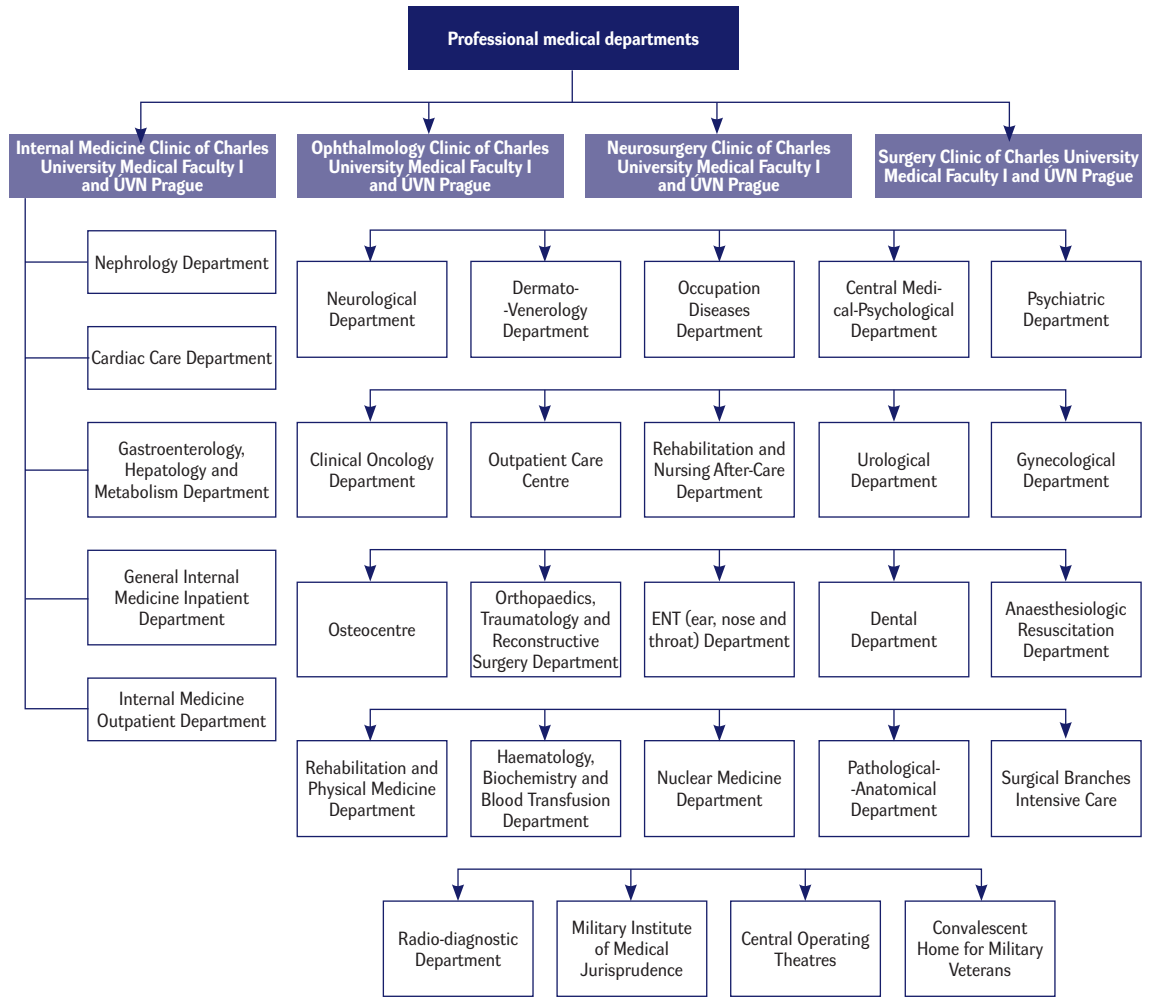
## Basic organization chart of ÚVN





**UVN**

## Chart of professional medical departments



# 3. REPORT ON THE ACTIVITIES OF THE ORGANISATION

## A. CURATIVE AND PREVENTIVE CARE

Central Military Hospital is a facility of the Czech Armed Forces providing complete spectrum of health care with the exception of obstetrics, pediatrics and heart surgery. Isolation ward is temporarily out of operation. The hospital directs its attention to urgent states of surgical and internal medicine profiles and to the care of polytraumas (multiple injuries) including injuries of central nervous system.

### *A survey of inpatient departments and number of beds:*

| Department   | Beds in total | Out of the total number of beds |            |            |
|--|---------------|---------------------------------|------------|------------|
|  |               | ICU                             | Standard   | After-care |
| Anaesthesiologic-Resuscitation Department                        | 6             | 6                               |            |            |
| Intensive Care Department of Surgical Specializations            | 22            | 22                              |            |            |
| Internal Medicine Clinic:  |               |                                 |            |            |
| Gastroenterology   | 49            | 5                               | 44         |            |
| Cardiac Care   | 29            | 7                               | 22         |            |
| Nephrology   | 15            |                                 | 15         |            |
| General Internal Medicine  | 31            |                                 | 31         |            |
| Surgery Department   | 79            | 14                              | 65         |            |
| Neurosurgery Department  | 48            | 6                               | 42         |            |
| Orthopaedics, Traumatology and Reconstructive Surgery Department | 81            | 5                               | 76         |            |
| Urological Department  | 28            |                                 | 28         |            |
| Gynecological Department   | 26            |                                 | 26         |            |
| Ophthalmology Clinic   | 25            |                                 | 25         |            |
| ENT Department   | 49            | 5                               | 44         |            |
| Neurology Department   | 46            | 6                               | 40         |            |
| Dermatology-Venerology Department                                | 25            |                                 | 25         |            |
| Rehabilitation and Nursing After-Care Department                 | 42            |                                 |            | 42         |
| Psychiatric Department   | 40            |                                 | 40         |            |
| <b>IN TOTAL</b>  | <b>641</b>    | <b>76</b>                       | <b>523</b> | <b>42</b>  |

*Note: 20 beds of Isolation Ward are out of operation*



***Survey of outpatient departments:***

| Departments                               |
|---|
| Emergency and Accident Outpatient Dept    |
| Dental Dept                               |
| Outpatient Health Care Centre             |
| Rehabilitation and Physical Medicine Dept |
| Central Medical-Psychological Dept        |
| Nuclear Medicine Dept                     |
| Clinical Oncology Dept                    |
| Occupation Diseases Dept                  |
| Radio-diagnostic Dept                     |

***Survey of workplaces of the complement:***

| Departments  |
|--|
| Central Operating Theatres                           |
| Sanitary Supervision and Labour Safety Workplace     |
| Haematology, Biochemistry and Blood Transfusion Dept |
| Pathological-Anatomical Dept                         |
| Military Institute of Medical Jurisprudence          |
| Central Sterilisation                                |

***Specialized centres  
(multispecialisation approach to problems):***

|   |
|---|
| Traumatology Centre                                   |
| Metabolism Disturbances<br>(bones metabolisms) Centre |
| Neuro-radiology Centre                                |
| Invasive Cardiology Centre                            |
| Spinal Surgery Centre                                 |

***Monitored indicators of medical activity:***

|   |                       |         |
|---|-----------------------|---------|
| 1 | Bed capacity          | 641     |
| 2 | Number of inpatients  | 22,680  |
| 3 | Utilization (in %)    | 73.5    |
| 4 | Number of outpatients | 856,774 |
| 5 | Surgeries             | 16,006  |

## ***Inpatient departments:***

### **ANAESTHESIOLOGIC-RESUSCITATION DEPARTMENT CHIEF SURGEON: LT. COL. BOŽETĚCH JURENKA, MD**

|   |        |
|---|--------|
| Bed capacity  | 6      |
| Number of inpatients at RES in 2005                             | 159    |
| Number of anaesthesiologic operations in 2005                   | 10,350 |
| Number of patients in slipping-in ward in 2005                  | 4,556  |
| Number of patients at anaesthesiology consulting centre in 2005 | 555    |

The anaesthesiologic part of the department provides complete care for all the operation and non-operation specialisations. Anaesthesia is applied in the whole spectrum – analgesic sedation, central and peripheral lead techniques and anaesthesiologic supervisions. Provision of urgent resuscitation in the area of the whole hospital is also a part of its job content. Moreover, the workplace ensures functioning of slipping-in ward and twice a week, operation of anaesthesiologic out-patient department.

In the period from November 24 to 25, 2005, the department organised a congress titled “Anaesthesia and Resuscitation under Special Conditions”. Namely the special situations are the areas where military medicine can offer a lot of interesting experience from special peacetime and field conditions and unusual angle of view not only for other physicians from civilian hospitals but also for the rescue services. Particular topics of the congress referred to e.g. coordination of activities of the hospital with the emergency service in case of mass accidents, organisation of reception of the patients at mass accidents, resuscitation care in field conditions, etc. The congress was attended by more than 200 physicians from the Czech Republic and Slovakia.

### **SURGICAL BRANCHES INTENSIVE CARE DEPARTMENT CHIEF SURGEON: COL. ZBYNĚK FUKSA, MD**

|                              |     |
|------------------------------|-----|
| Bed capacity                 | 22  |
| Number of inpatients in 2005 | 553 |
| Number of polytraumas        | 53  |

The department provides care for the patients endangered with a failure of vital functions and the states of necessity to monitor these functions. The workplace dispose of two wards – intensive care units (ICU A + ICU B) each furnished with ten beds and necessary monitoring and ventilation equipment and one separate two-bed ward equipped with complete monitoring for temporary hospitalization as a part of casualty reception.

Comparing with the previous year the spectrum of patients has changed. The number of patients after serious abdominal operations increased and number of polytraumas decreased.

Surgeons of individual departments organize regular training of all employees of ÚVN Prague in cardio-pulmonary resuscitation. According to accreditation standards, each employee must be trained every two years. Considering the total number of employees and fluctuation, it represents a permanent working duty.

### **INTERNAL MEDICINE CLINIC OF CHARLES UNIVERSITY MEDICAL FACULTY I AND ÚVN PRAGUE CHIEF: LT. COL. ASSOCIATE PROF. MIROSLAV ZAVORAL, MD, PHD.**

|                              |       |
|------------------------------|-------|
| Bed capacity                 | 112   |
| Number of inpatients in 2005 | 5,141 |

The Internal Medicine Clinic was established as a part of the organisational structure of Charles University Medical Faculty I and ÚVN on January 1, 2005. The inpatient part consists of Cardiology and Nephrology Department, Gastroenterology, Hepatology and Metabolism Department and General Internal Medicine Inpatient Department.



**ÚVN**

In 2005 we developed a ward for implantation of cardiac pacemakers in the areas of Coronary Unit. We have also purchased two pieces of echo-cardiographic apparatus for the Cardiology Department. A new endosonograph has been purchased for Endoscopic Unit.

**SURGERY CLINIC OF CHARLES UNIVERSITY MEDICAL FACULTY I AND ÚVN PRAGUE**  
**CHIEF: LT. COL. PROF. MIROSLAV RYSKA, MD, CSc.**

|                              |       |
|------------------------------|-------|
| Bed capacity                 | 79    |
| Number of inpatients in 2005 | 2,233 |
| Number of operations in 2005 | 2,052 |

**Number of individual surgeries:**

|   |       |
|---|-------|
| Acute surgeries including polytraumas         | 255   |
| Vascular surgeries (except of varicose veins) | 25    |
| Varicose veins                                | 122   |
| Pneumectomy                                   | 2     |
| Gastrectomy                                   | 27    |
| Enterotomy                                    | 47    |
| Colectomy                                     | 115   |
| Resection of the rectum/amputation            | 35/22 |
| Hepatectomy                                   | 37    |
| Reconstruction on biliary tract               | 47    |
| Cholecystectomy                               | 138   |
| Thyroid gland                                 | 134   |
| Ventral hernia                                | 308   |
| Mamotomy                                      | 246   |
| Other surgeries on the liver                  | 60    |

The Surgery Clinics was established on the basis of Surgery Department of ÚVN Prague on September 1, 2005. Vascular surgeon assumed his position in autumn and the vascular programme could start. In the course of the year we started laparoscopic bariatric operations and laparoscopic resections of the colon. At the end of the year the team attended the first training to operate da Vinci robot. New system of dispensary care for oncological patients has been established.

**NEUROSURGERY CLINIC OF CHARLES UNIVERSITY MEDICAL FACULTY I AND ÚVN PRAGUE**  
**CHIEF: COLONEL PROF. VLADIMÍR BENEŠ, MD, DRSc.**

|                              |       |
|------------------------------|-------|
| Bed capacity                 | 48    |
| Number of inpatients in 2005 | 2,361 |
| Number of surgeries in 2005  | 2,120 |

In addition to the preventive care it is pre-gradual and post-gradual instruction and scientific activity that represent significant part in the activity of IPVZ Neurosurgery Clinic and the sub-chair. In March 2005 the Clinic organized regular action titled "Kunz Memorial". Its main topic was science and research in neuro-specialisations. In 2005 the Clinic organized European post-gradual course in neurosurgery – the EANS Course.

**ORTHOPAEDICS, TRAUMATOLOGY AND RECONSTRUCTIVE SURGERY**  
**CHIEF SURGEON: COLONEL JIŘÍ FOUSEK, MD, PHD.**

|                              |       |
|------------------------------|-------|
| Bed capacity                 | 81    |
| Number of inpatients in 2005 | 2,927 |
| Number of surgeries in 2005  | 4,561 |

**Number of individual surgeries:**

|                               |       |
|-------------------------------|-------|
| Endoprosthetics               | 485   |
| Arthroscopy                   | 640   |
| Traumas                       | 542   |
| Dental Surgery                | 118   |
| Plastic Surgery               | 1,033 |
| General orthopaedic surgeries | 770   |

Since July 2005 the workplace started implementation of total replacement of the basic knucklebone on hallux. In the course of the year 2005 the number of endoprosthetic operations decreased but the number of treated patients and accidents increased.

**UROLOGICAL DEPARTMENT**  
**CHIEF SURGEON: LT. COLONEL OTO KÖHLER, MD, CSC.**

|                              |       |
|------------------------------|-------|
| Bed capacity                 | 28    |
| Number of inpatients in 2005 | 1,722 |
| Number of surgeries in 2005  | 1,320 |

**Structure of surgeries:**

|                             |     |
|-----------------------------|-----|
| Minimum invasive operations | 777 |
| Microsurgical               | 29  |
| Open surgeries              | 303 |
| SWL                         | 183 |

In the course of the year, we extended the indication spectrum of extra corporal lithotripsy of calculi in upper urinary tract. We have developed endoscopic solutions of complicated lithiasis by means of fibroscopy and laser. We were successful in mastering the equipment of pre-peritoneoscopic radical prostatectomy. The da Vinci robotic system, which was installed in November 2005, has already been used at the first two operations at the end of the year.

Having mastered the technique of holmium enucleation of prostate the workplace ranks among few European urological workplaces executing this operation.

**GYNECOLOGIC DEPARTMENT**  
**CHIEF SURGEON: HANA KAŠPÁRKOVÁ, MD**

|                              |       |
|------------------------------|-------|
| Bed capacity                 | 26    |
| Number of inpatients in 2005 | 1,150 |
| Number of surgeries in 2005  | 1,104 |



**ÚVN**

There are three clinics organized within outpatient activity: oncology, cervical pathology and antenatal clinic. The workplace has established partnership with Pronatal IVF Centre. The Gynecologic Department executes also mammotomy. As much as 8% of the total number of breast carcinoma of the whole Czech Republic has been operated here. At the end of 2005 the surgeons attended training and courses concerning the possibilities of use of the da Vinci robot.

**OPHTHALMOLOGY CLINIC OF CHARLES UNIVERSITY MEDICAL FACULTY I AND ÚVN PRAGUE**  
**CHIEF: LT. COLONEL, ASSOCIATE PROF. JIŘÍ PAŠTA, MD, CSc.**

|                              |       |
|------------------------------|-------|
| Bed capacity                 | 25    |
| Number of inpatients in 2005 | 1,922 |
| Number of surgeries in 2005  | 3,247 |

In the course the year 2005, the workplace aimed its attention namely at the development of operative activity within the refractive and laser centre. In January 2005 the clinic organized regular congress titled "Video Surgery" during which the operations were transmitted from the operating theatre to auditorium of the Congressional Centre. From November 25 to 26, 2005, the Clinic took part in organisation of Congress of the Czech Vitroretinal Association while the regular lectures for the students proceeded on the workplace.

**ENT DEPARTMENT**  
**CHIEF SURGEON: LT. COLONEL MICHAL NAVARA, MD, PHD.**

|                              |       |
|------------------------------|-------|
| Bed capacity                 | 45    |
| Number of inpatients in 2005 | 1,242 |
| Number of surgeries in 2005  | 1,204 |

In March 2005 the Department organized a congress titled "Střešovice Spring" devoted to the problems of ear surgery. Programme of the lectures, video and interesting case reports were complemented with live transmissions of the operations directly from operating theatres.

**NEUROLOGICAL DEPARTMENT**  
**CHIEF SURGEON: COLONEL JAROSLAV ELIS, MD**

|                              |       |
|------------------------------|-------|
| Bed capacity                 | 46    |
| Number of inpatients in 2005 | 1,338 |

Ict unit performs its main mission focused on acute neurology. The outpatient stationary, which is used for infusion treatment, considerably helps in relieving the bed capacity for acute stages.

**DERMATO-VENEROLOGY DEPARTMENT**  
**CHIEF SURGEON: LT. COLONEL JAROSLAV HOFFMANN, MD**

|                                    |       |
|------------------------------------|-------|
| Bed capacity                       | 25    |
| Number of inpatients in 2005       | 430   |
| Number of dermatosurgeries in 2005 | 1,636 |

Profile representation of inpatients was comparable with dermato-venerological clinics in Prague. From the specialization viewpoint it is the highest-level workplace of the Czech Armed Forces.

The outpatient service supported the clinic for treatment of wounds, cosmetology and dispensary of oncology.

**REHABILITATION AND NURSING AFTER-CARE DEPARTMENT**  
**CHIEF SURGEON: COLONEL MARTIN PAPÁČ, MD**

|                              |     |
|------------------------------|-----|
| Bed capacity                 | 42  |
| Number of inpatients in 2005 | 239 |

Over a period of the year 2005, the department extended co-operation with other medical facilities by offering them its free bed capacity. In November 2005 the department moved to building B in the area of ÚVN Prague due to overall reconstruction of its former workplace.

**PSYCHIATRIC DEPARTMENT**  
**CHIEF SURGEON: COLONEL VLASTIMIL TICHÝ, MD**

|                              |     |
|------------------------------|-----|
| Bed capacity                 | 40  |
| Number of inpatients in 2005 | 437 |

Biological treatment involved application of complete register of bio-pharmaceuticals including the most recent neuroleptics and antidepressants in the indicated cases. In co-operation with ARO we have used even electro-convulsion treatment in the indicated cases. We organized detoxication stays during the year. The outpatient care involved permanent aftertreatment of psychotic states, prophylactic treatment of affective disorders in the clinic for depressions, ambulatory alcoholism treatment and drug addiction treatment as well as functional sexual disorders and psychosomatic disorders treatment.

***Outpatient Departments:***

**DENTAL DEPARTMENT**  
**CHIEF SURGEON: COLONEL LUBOR DANĚK, MD**

|                            |        |
|----------------------------|--------|
| Number of patients in 2005 | 18,768 |
|----------------------------|--------|

The Department aimed its attention at applying modern methods of prophylaxis. A new Prophy-Mate apparatus was put into operation.

**OUTPATIENT CARE CENTRE**  
**CHIEF SURGEON: COLONEL LADISLAV KRAJČI, MD**

|                                |        |
|--------------------------------|--------|
| Number of examinations in 2005 | 27,995 |
|--------------------------------|--------|

The Outpatient Care Centre is a department aimed mostly at outpatient preventive care and namely, at professional soldiers, civilian employees of military administration and clients from the sub-region.

**REHABILITATION AND PHYSICAL MEDICINE DEPARTMENT**  
**CHIEF SURGEON: PETR HORKA, MD**

|   |         |
|---|---------|
| Number of surgeries in 2005 – surgeons          | 30,352  |
| Number of treatments in 2005 – physiotherapists | 202,894 |



In harmony with current trends the department asserted active approach of the patient within the process of treatment. Physiotherapy is adapted to the new methods (mini-invasion TEP, robotic operations) resulting in more rapid and easier process of rehabilitation. We have the only certified (female) instructor of McKenzie method in the Czech Republic at the workplace.

**RADIO-DIAGNOSTIC DEPARTMENT**  
**CHIEF SURGEON: LT. COLONEL FRANTIŠEK CHARVÁT, MD**

|                                |         |
|--------------------------------|---------|
| Number of examinations in 2005 | 161,871 |
|--------------------------------|---------|

**Structure of the examinations:**

|                                      |        |
|--------------------------------------|--------|
| Radiographic examinations            | 83,843 |
| Mammographic examinations            | 4,127  |
| Skioskopic-radiographic examinations | 6,561  |
| Angiographic examinations            | 6,430  |
| US examinations                      | 18,612 |
| CT examinations                      | 16,052 |
| MR examinations                      | 11,318 |
| Intervention surgeries               | 1,684  |
| Others                               | 13,244 |

In May 2005 the ten-years-old mammographic apparatus was replaced by new device made by Planned Company of Finland. It works with digital picture. The device makes use of X-ray radiation but the X-rays are scanned by digital cassette and the picture appears on the computer monitor. The digital recording enables additional processing of the picture and it significantly increases quality of the mammographic examination. Moreover, the digital on-line recording made the bioptic examination more precise and simpler.

In September 2005 a new angiographic apparatus, Innova 3100, made by General Electric Company, was put into operation. It is the latest version installed in the Czech Republic.

**CENTRAL MEDICAL-PSYCHOLOGICAL DEPARTMENT**  
**CHIEF SURGEON: LT. COLONEL JIŘÍ KLOSE, PhDR.**

|   |        |
|---|--------|
| Number of examinations – clinical psychology  | 2,222  |
| Number of examinations – expertise psychology | 11,671 |

In 2005 the workplace aimed its attention at the sphere of clinical psychology and expertise psychology (examination of the applicants for missions abroad, drivers, firemen, EOD specialists, etc.) The department offers the clients educational psychological care and courses of social-psychological skills for health personnel on non-medical professions. The offer of rehabilitation of cognitive functions has also been enlarged.

**CLINICAL ONCOLOGY DEPARTMENT**  
**CHIEF SURGEON: LT. COLONEL PETR CINEK, MD**

|                                |        |
|--------------------------------|--------|
| Number of examinations in 2005 | 13,959 |
|--------------------------------|--------|

The Department of Oncology provided consultation activity for the needs of the whole hospital. The workplace executes dispensary and oncological supportive treatment with the exception of radio-therapy and hospitalisation. In 2005 the Department of Oncology became a part of Comprehensive Centre of Oncology having its pilot working place at University College Hospital in Motol. In this way, the department has gained professional warranty of the Czech Oncology Association.

**NUCLEAR MEDICINE DEPARTMENT**  
**CHIEF SURGEON: JITKA SVOBODOVÁ, MD**

|  |        |
|--|--------|
| Number of examinations with gamma cameras in 2005  | 5,000  |
| Number of examinations in RIA laboratories in 2005 | 68,000 |

The section of gamma cameras increased the number and quality of some examinations e.g. perfusion scintigraphy of myocardium. Examinations of sentinel node before operation of breast carcinoma were also made in more cases. In September 2005 we started the restored operation of Nuclear Medicine Department out-patient clinic specialized in diagnostics of pain and oedema of lower limbs and treatment of chronic venous insufficiency.

**OCCUPATION DISEASES DEPARTMENT**  
**CHIEF SURGEON: LT. COLONEL JOSEF PAVEL, MD**

|                               |       |
|-------------------------------|-------|
| Number of examination in 2005 | 5,080 |
|-------------------------------|-------|

The trend of the recent years – high number of examinations of the soldiers applying for the missions abroad continued also in 2005.

***Working places of the complement:***

**CENTRAL OPERATING THEATRES**  
**CHIEF SURGEON: LT. COLONEL JAN RUDIŠ, MD**

|                              |       |
|------------------------------|-------|
| Number of operations in 2005 | 9,592 |
|------------------------------|-------|

The workplace ensures functioning of 11 operating theatres used by surgical specialisations. In the course of the year 2005, the theatre No. 11 was complemented and equipped with laparoscopic devices of top-level quality and will be used as a theatre of laparoscopic lectures in future. In November 2005 we installed da Vinci robot. The robot was used namely in urological operative; its further use is planned in gynaecology and ventral surgery.

**HAEMATOLOGY, BIOCHEMISTRY AND BLOOD TRANSFUSION DEPARTMENT**  
**CHIEF SURGEON: LT. COLONEL MILOŠ BOHONĚK, MD**

|   |           |
|---|-----------|
| Number of patients in 2005 – haematological centre  | 3,303     |
| Number of tests in 2005 – haematological laboratory | 142,881   |
| Number of tests in 2005 – biochemical laboratory    | 1,260,903 |
| Number of tests in 2005 – transfusion laboratory    | 29,302    |
| Blood taking and processing                         | 8,661     |

**PATHOLOGY DEPARTMENT**  
**CHIEF SURGEON: COLONEL PETR HRABAL, MD**

|  |       |
|--|-------|
| Number of autopsies in 2005            | 169   |
| Number of bioptic examinations in 2005 | 8,284 |

In 2005 the Department purchased one diagnostic microscope and one automatic device for treatment of tissue specimens.

**MILITARY INSTITUTE OF MEDICAL JURISPRUDENCE  
CHIEF SURGEON: LT. COLONEL MILOŠ SOKOL, MD**

|                             |     |
|-----------------------------|-----|
| Number of autopsies in 2005 | 255 |
|-----------------------------|-----|

In the course of the year 2005, the workplace elaborated a plan for mass reception of the died in ÚVN Prague. The high level of medical assessment activity was kept observed.

**DEPARTMENT OF PHARMACY**

|                                       |       |
|---------------------------------------|-------|
| Number of cytotoxics dilution in 2005 | 2,547 |
|---------------------------------------|-------|

Primary mission of the Department of Pharmacy was to provide structured care for the patients and qualified services for all the hospital departments of ÚVN Prague. Concerning the public, the Pharmacy aimed its attention at dispensation and structural education of the patients who required drug counselling (oncology patients). Since March 2005, the Pharmacy prepares a multi-centric study checking the efficiency and safety of gene therapy in the treatment of the patients with glioma.

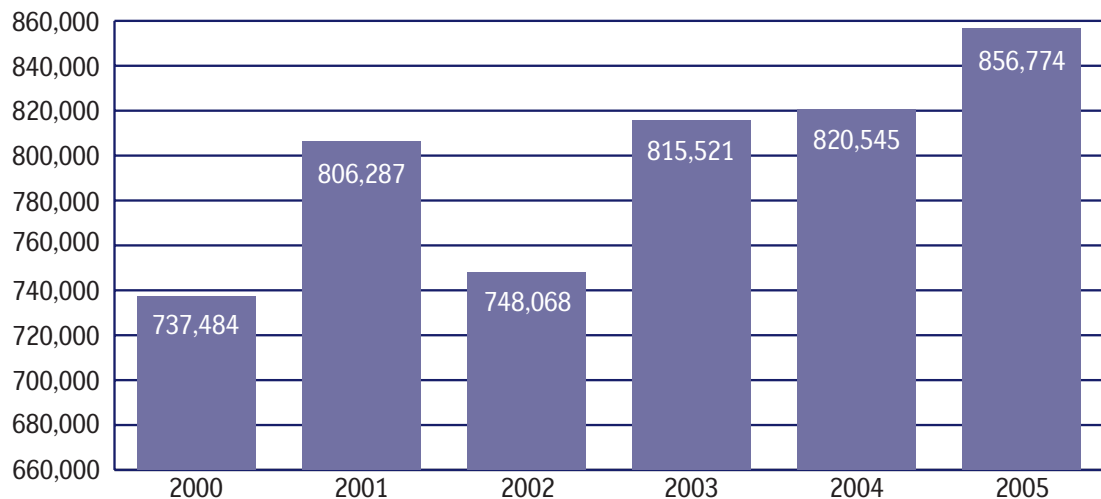
Group of Medical Supplies delivered all the necessary medical expendables including special medical material that is supplied in a form of consignment stocks.

**MEDICAL REVIEW BOARD**

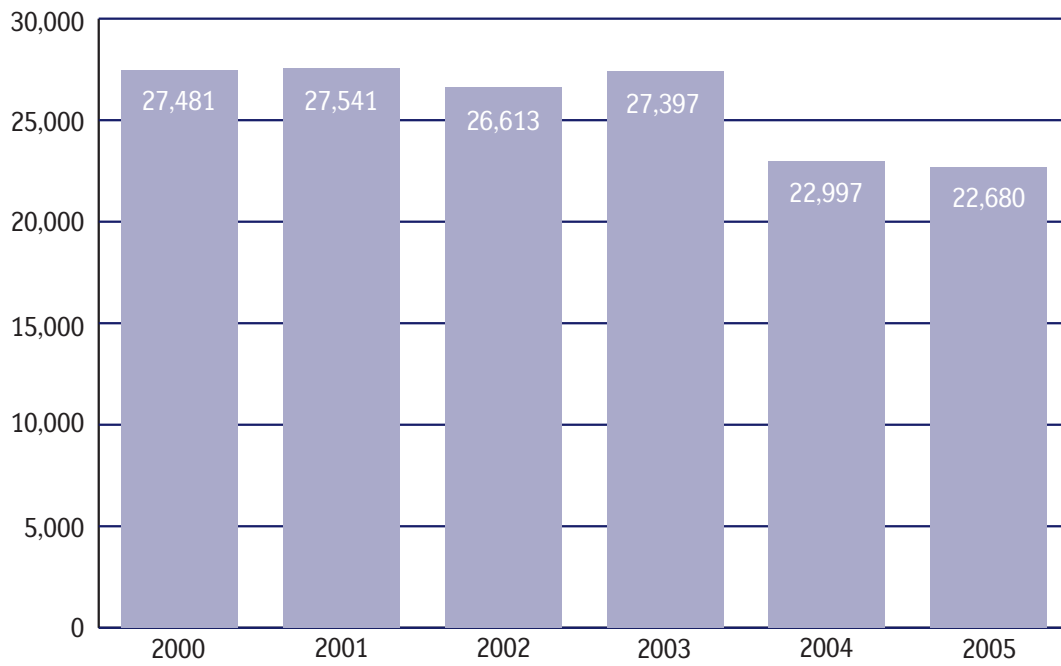
|   |    |
|---|----|
| Number of medical board proceedings in 2005 | 98 |
|---|----|

Year 2005 was projected into the work of the Medical Review Board because it was the year when the Czech Armed Forces were fully professionalized. It required new legislation standards concerning assessment of health status of the members of the Czech Armed Forces to be put into practice.

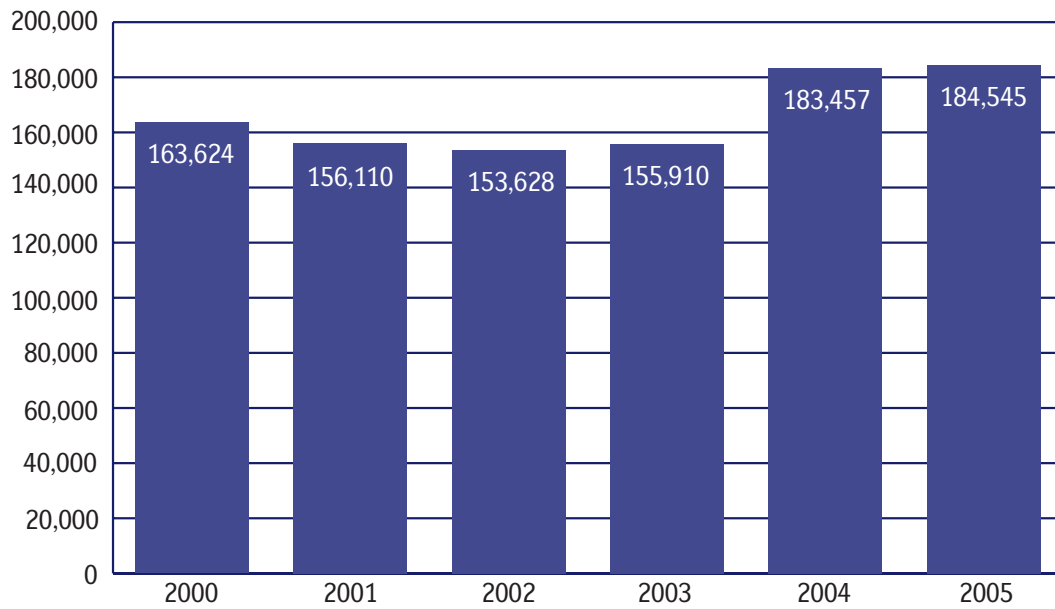
***Number of outpatients***



*Number of inpatients*



*Number of days of treatment*





## **B. GRANTS SOLVED IN ÚVN PRAGUE**

### ***Ministry of Defence***

Cryoconservation of erythrocytes – establishment of a bank for long-term storage of blood: “Strategic blood bank”.

Microclimate of field medical workplaces for safe execution of medical operations.

Models of information systems of field and peacetime medical service of the Czech Armed Forces.

Moderators of health and stress control in case of the participant in missions.

### ***IGA***

Prediction of curative response of the patients with resectable metastatic hepatic affection in case of colorectal carcinoma.

Detection and tracing of gene variations in selected oncogenes and tumours of suppressor genes in case of the patients with chronic pancreatitis and carcinoma of pancreas and their use in early diagnostic a therapeutic process.

Molecular cytogenetic analysis of brain tumour cells and its contribution for diagnostics and treatment.

Mechanisms of antinociceptive effect of electric stimulation of cerebral cortex.

Probiotics and intestinal bacterial translocation at hepatic cirrhosis.

Prospective randomized multicenter study of the effect of endoscopic treatment of acute biliary pancreatitis. Optical biopsy in diagnostics of colorectal carcinoma.

Morphological correlation of carotid stenosis.

Vasoreactivity of brain in relation with neuronal reactivity of cerebrum in case of the patients with ACI stenosis.

Changes of neurohistologic picture of cerebral oedema after intracarotic application of neuroprotective agents through open blood-brain-barrier in an experimental model in vivo and the perspective of neuroprotection in neurosurgery.

Importance of pre-operational setting of the boundary between brain and meningioma for determination of curative modality.

Front cervical discectomy – fixation of stability radical surgical solution in case of degenerative affection of the cervical.

Quality of life of the patients after subarachnoid haemorrhage and treatment of aneurysms.

Immune and inflammatory mechanisms in pathogenesis of nasal polyps.

Neurosteroids – risk factors at selected cases of cerebrosis.

### ***GACR***

Acute and chronic ulcerative colitis induced by DSS and by transmission of CD45Rbhigh T lymphocysts to immunodeficient (SCID) mice.

Solid-state infra-red lasers for ophthalmology.

## C. NURSING CARE

There were totally 1,042 workers employed in the sphere of non-physician medical professions in the year 2005. Out of them – see the following table:

|                                |            |
|--------------------------------|------------|
| General nurse                  | 689        |
| Nutrition therapist            | 8          |
| Physiotherapist                | 30         |
| Humane Service                 | 3          |
| Rescuer                        | 3          |
| Assistant of hygiene service   | 3          |
| Medical laboratory technician  | 35         |
| Dispensing technician          | 8          |
| Radiological technician        | 31         |
| Dental Technician/Suture nurse | 8          |
| Laboratory worker              | 4          |
| Other specialist               | 24         |
| <b>In total</b>                | <b>846</b> |

### Junior medical workers

|                 |            |
|-----------------|------------|
| Nurse           | 18         |
| Nurse's aide    | 178        |
| <b>In total</b> | <b>196</b> |

### Education

|   |     |
|---|-----|
| Secondary school + specialization courses | 219 |
| ARIP                                      | 62  |
| Advanced vocational training              | 124 |
| Bachelor's degree                         | 27  |
| Master's degree                           | 4   |

The activity proceeded from the concept of non-physician medical professions of ÚVN Prague and consistently from the Plan concerning promotion of quality of care of the mentioned department. The following groups were working in the hospital within the program of quality of the provided care: Nursing Care Quality Group, Decubites Presence Monitoring and Risky Patients Care Group and Education Specialists Group.

### All-hospital indicators of nursing care quality:

Number of risky patients / number of hospital decubites.

Monitoring of entrance nursing examination (number of received patients / correctly elaborated plans of the nursing care).



**UVN**

Continuing education involved 10 educational all-hospital activities for non-physicians and 3 for junior medical workers.

1. **Nurse in the year 2005** – IV. “*We keep the motivation*” – national tele-conference in co-operation with VFN (General University College Hospital) Prague and ČAS.

2. **Promotion of quality and security in the hospital facilities** – a conference within Leonardo da Vinci III international project attended by French partners.

Moreover, we held 8 regional workshops involved in the credit system according to the legislation in force. We have started instruction and lectures in vocational courses for external applicants. Our offer: see [www.uvn.cz](http://www.uvn.cz). – education division.

In July, the best workers of the department visited accredited hospital – **Hospital General de Catalunya (Barcelona – Spain)**.



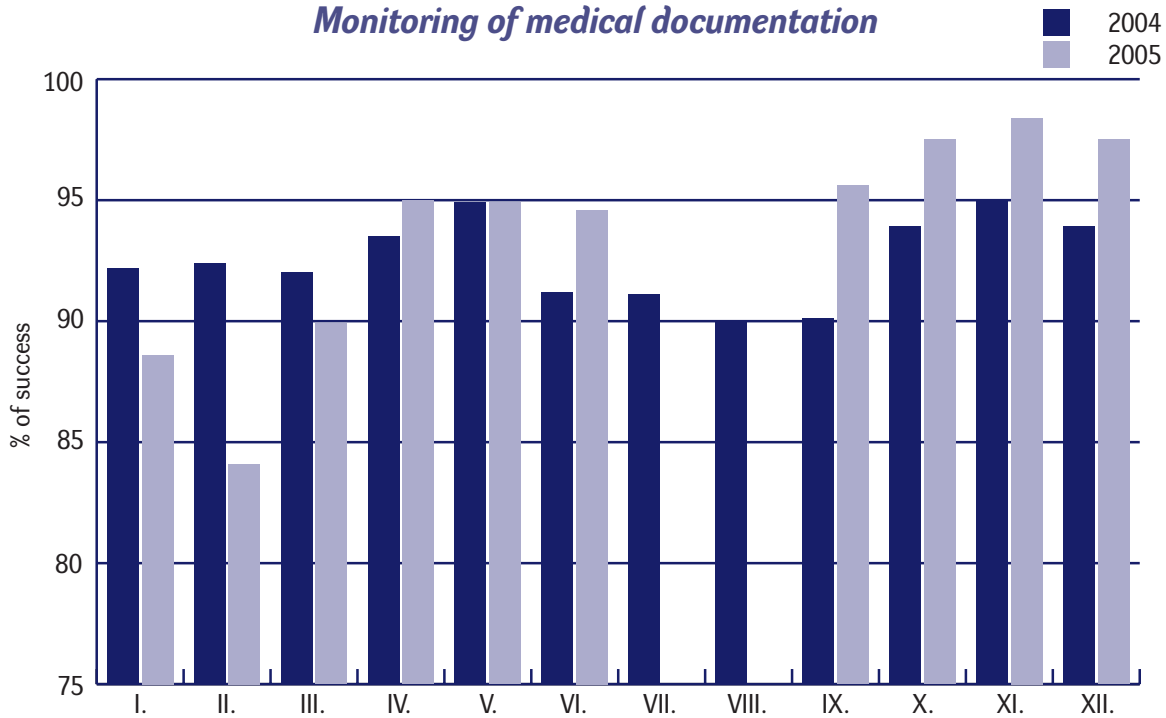
## D. HEALTH CARE QUALITY CONTROL IN ÚVN PRAGUE

At the end of the year 2005, ÚVN Prague achieved international accreditation of Joint Commission International as the first hospital in Central and Eastern Europe.

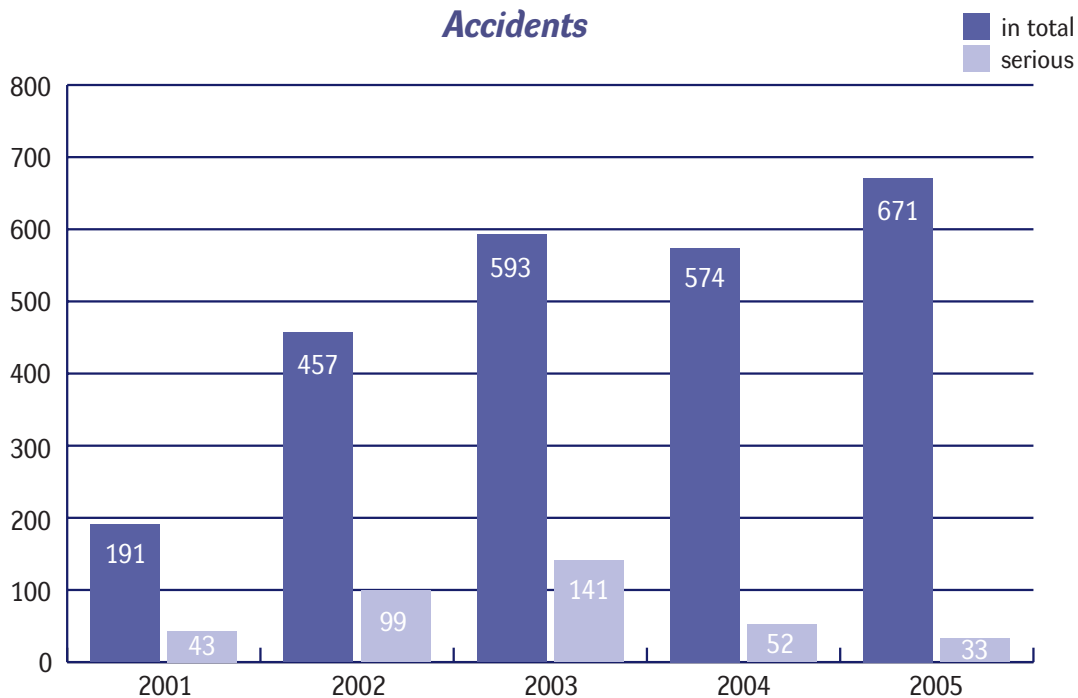
Process of continual preparation for the accreditation – it means a continuous control of individual medical and non-medical workplaces from the viewpoint of complying with the accreditation standards proceeded in the course of the whole year 2005.

Monitoring of the given indicators of quality of care also proceeded during the whole year. The following diagrams present the results of the monitoring of quality of the closed medical documentation and accident occurrence in the ÚVN.

*Monitoring of medical documentation*



*Accidents*





**ÚVN**

In spring 2005, ÚVN Prague was awarded the International Accreditation Certificate. The ceremony was attended by the President of the Czech Republic Václav Klaus, Chief of the General Staff Lieutenant General Pavel Štefka and Managing Director of JCI Europe Paul van Ostenberg. On the occasion of the presentation of methodology used by the hospital to meet the accreditation standards. In the course of the year, the hospital organized a number of educational activities and short-term attachments focused on the sphere of control of the quality of care in medical facilities.

In autumn 2005, the ÚVN joined the monitoring of international indicators of quality of JCI in the area of clinical care (treatment of acute myocardial infarction and cardiac failure) – data collection started at the beginning of 2006. The hospital has also joined international safety goals of JCI.



## E. ECONOMY

| <b>BALANCE</b>  |   |                            |                             |
|---|---|----------------------------|-----------------------------|
| <i>(in thousands of CZK) elaborated as of 31 May 2005</i> |   |                            |                             |
| Name of item  |   | State<br>as of 1 Jan. 2005 | State<br>as of 31 Dec. 2005 |
| <b>ASSETS</b>   |   |                            |                             |
| <b>A.</b>   | <b>CONSTANT ASSETS</b>                      | <b>4,432,364</b>           | <b>4,439,792</b>            |
| 1.  | Long-term intangible assets                 | 38,239                     | 50,783                      |
| 2.  | Depreciation of long-term intangible assets | -13,888                    | -17,005                     |
| 3.  | Long-term tangible assets                   | 6,113,106                  | 6,238,821                   |
| 4.  | Depreciation of long-term tangible assets   | -1,705,093                 | -1,877,808                  |
| <b>B.</b>   | <b>CURRENT ASSETS</b>                       | <b>399,452</b>             | <b>516,016</b>              |
| 1.  | Stocks                                      | 46,793                     | 32,172                      |
| 2.  | Receivables                                 | 229,701                    | 219,160                     |
| 3.  | Finance capital                             | 117,088                    | 260,494                     |
| 5.  | Deferred active accounts                    | 5,870                      | 4,189                       |
| <b>ASSETS IN TOTAL</b>                                    |   | <b>4,831,816</b>           | <b>4,955,807</b>            |
| <b>LIABILITIES</b>  |   |                            |                             |
| <b>C.</b>   | <b>OWN FUNDS</b>                            | <b>4,645,560</b>           | <b>4,731,705</b>            |
| 1.  | Assets funds                                | 4,547,084                  | 4,554,493                   |
| 2.  | Financial and money funds                   | 96,411                     | 175,014                     |
| 5.  | Income                                      | 2,065                      | 2,198                       |
| <b>D.</b>   | <b>EXTERNAL RESOURCES</b>                   | <b>186,256</b>             | <b>224,103</b>              |
| 3.  | Short-term commitments                      | 171,055                    | 220,072                     |
| 5.  | Deferred accounts of liabilities            | 15,200                     | 4,031                       |
| <b>LIABILITIES IN TOTAL</b>                               |   | <b>4,831,816</b>           | <b>4,955,807</b>            |



**UVN**

## INCOME AND EXPENSE STATEMENT

(in thousands of CZK) elaborated as of 31 Dec. 2005

| Account                  | Name of item   | State as of 31 Dec. 2005 |
|--------------------------|--|--------------------------|
| <b>COSTS</b>             |  |                          |
| 501                      | Material consumption                                     | 408,714                  |
| 502                      | Energy consumption                                       | 77,754                   |
| 504                      | Goods sold   | 69,061                   |
| 511                      | Repair and maintenance                                   | 53,408                   |
| 512                      | Travel allowance   | 2,253                    |
| 513                      | Representation costs                                     | 111                      |
| 518                      | Other services   | 106,737                  |
| 521                      | Labour costs   | 432,831                  |
| 524                      | Mandatory social insurance                               | 151,479                  |
| 527                      | Mandatory social expenditures                            | 8,443                    |
| 528                      | Other social expenditures                                | 6,491                    |
| 532                      | Real estate tax  | 6                        |
| 538                      | Other taxes and charges                                  | 24                       |
| 542                      | Other fines and penalties                                | 227                      |
| 544                      | Interests  | 2                        |
| 545                      | Exchange rate losses                                     | 18                       |
| 548                      | Deficits and damages                                     | 1,561                    |
| 549                      | Other costs  | 32,573                   |
| 551                      | Amortisation of long-term intangible and tangible assets | 164,396                  |
| 591                      | Income tax   | 497                      |
| <b>COSTS IN TOTAL</b>    |  | <b>1,516,589</b>         |
| <b>RECEIPTS</b>          |  |                          |
| 601                      | Revenue from own products                                | 7,290                    |
| 602                      | Service sales revenue                                    | 1,010,556                |
| 604                      | Goods sales revenue                                      | 27,504                   |
| 621                      | Activation of material and goods                         | 22,084                   |
| 623                      | Activation of long-term intangible assets                | 332                      |
| 644                      | Interests  | 837                      |
| 649                      | Other receipts   | 34,398                   |
| 652                      | Gaining from long-term financial assets                  | 3                        |
| 654                      | Material sales revenue                                   | 9                        |
| 691                      | Operation contribution and grants                        | 415,774                  |
| <b>RECEIPTS IN TOTAL</b> |  | <b>1,518,786</b>         |
| <b>INCOME</b>            |  | <b>2,198</b>             |

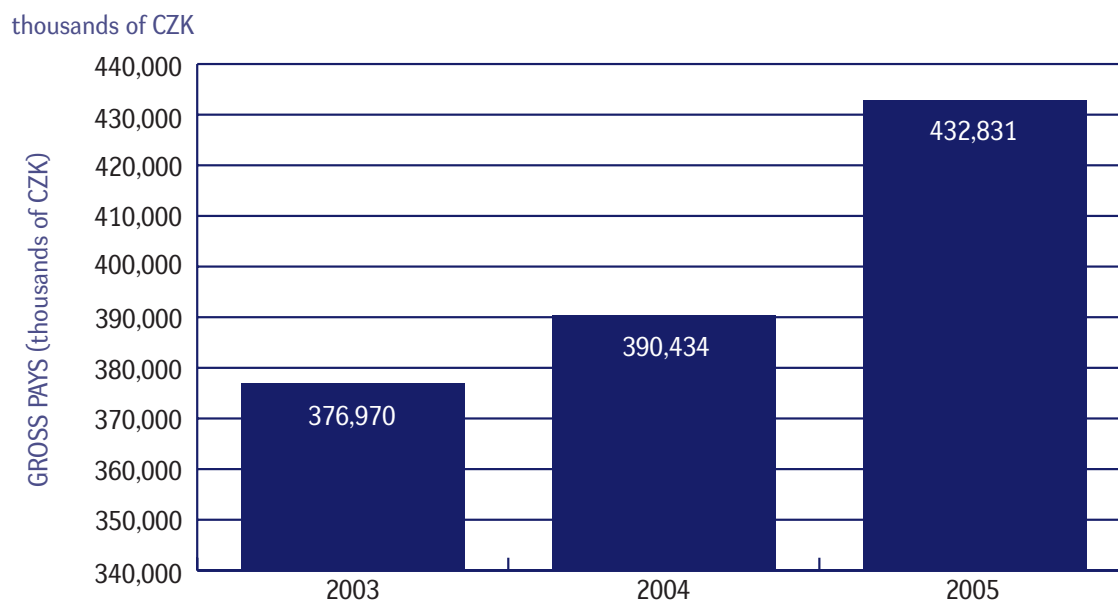
## Structure of costs in 2005

| Group of costs  | Share in % |
|---|------------|
| Cost of staff (gross pay, insurance, welfare, housing allowance)  | 40         |
| Drug consumption + expendable medical supplies (without radiopharmaceuticals, med. gases, blood derivatives)          | 21         |
| Energy consumption + services (telephones, rent, cleaning, refuse disposal)   | 12         |
| Amortisation of long-term intangible and tangible assets  | 11         |
| Goods sold (drugs – public pharmacy)  | 5          |
| Material consumption without drugs and expendable medical supplies  | 6          |
| Repair and maintenance  | 4          |
| Other costs (travelling allowance, training, bank charges, deficits, penalties, estoppel by laches concerning VAT...) | 2          |

## Structure of receipts in 2005

| Group of receipts                                       | Share in % |
|---|------------|
| Service, own products and goods sales revenue           | 69         |
| Operation contribution                                  | 27         |
| Other receipts (interests, rent, Eximer, activation...) | 4          |

## GROSS PAYS (2003 – 2005)

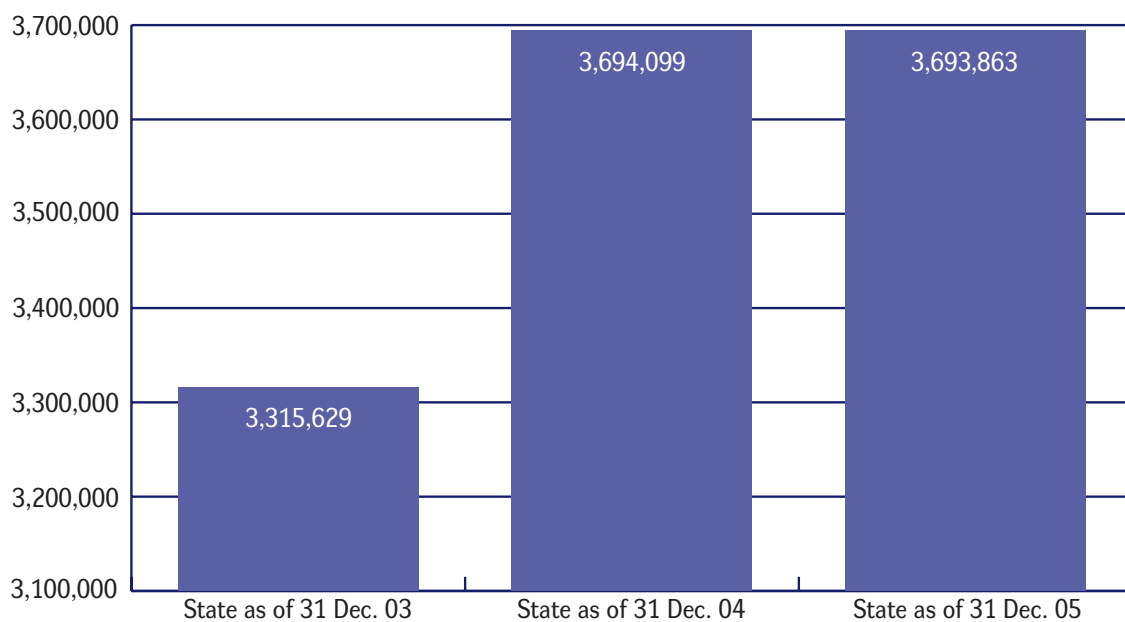




**ÚVN**

## **INVESTMENTS (2003 – 2005)**

### **Assets (2003 – 2005) Net book value in total (thousands of CZK)**



### **Donations in 2005**

ÚVN Prague thanks all the donators in the year 2005 the most significant of which are shown in the following table for the expressed favour and appreciates the goodwill very much.

**STŘEDOČESKÁ ENERGETICKÁ, A. S.**

**PFIZER, S. S R.O.**

**METROSTAV, A. S.**

**METROPROJEKT PRAHA, A. S.**

**JUDR. ALEŠ CHOVANEC**

**ING. ANNA KLAPALOVÁ**

**NADACE KARLA PAVLÍKA**

## F. PERSONNEL MATTERS

### *Personnel and Administration Department*

The department was established on January 1, 2005 in harmony with the standing management standards applied in the sphere of personnel and pay policy and using the experience of other medical facilities of corresponding level with ÚVN Prague in these spheres. It resulted in more effective complex provision of the sphere of planning and utilisation of human resources and pay resources from the viewpoint of the control and decision making process. In addition to this, the department was arranged so that its nature and manner of activity could complexly ensure co-ordination of every organisational activity of all the control levels of ÚVN Prague, including their impact on human resources.

Principal organisational changes: January 1, 2005 – establishment of Internal Medicine Clinic of Charles University Medical Faculty I and ÚVN Prague; July 1, 2005 – integration of Research and Development Department into the structure of ÚVN Prague and September 1, 2005 – establishment of Surgery Clinic of Charles University Medical Faculty II and ÚVN Prague.

Priority in the area of human resources management were aimed at the sphere of higher quality of communication and individual care of employees as well as at the sphere of education. Qualification pattern of our surgeons is on high level. 253 surgeons hold attestation, 14 surgeons hold teaching qualification, out of them 6 lecturers (associate professors) and 8 professors.

### *Categories of employees*

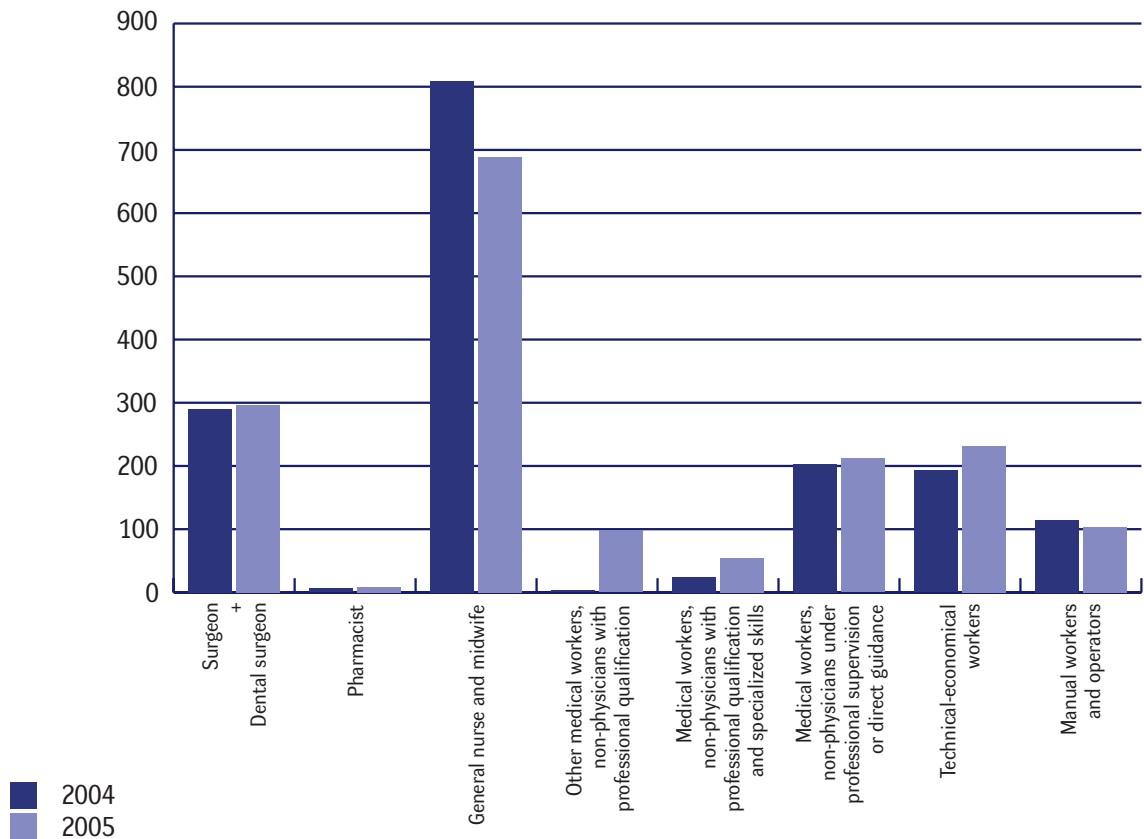
| Category              | 2004         | 2005         |
|-----------------------|--------------|--------------|
| Professional soldiers | 64           | 67           |
| Employees             | 1,578        | 1,627        |
| <b>IN TOTAL</b>       | <b>1,642</b> | <b>1,694</b> |





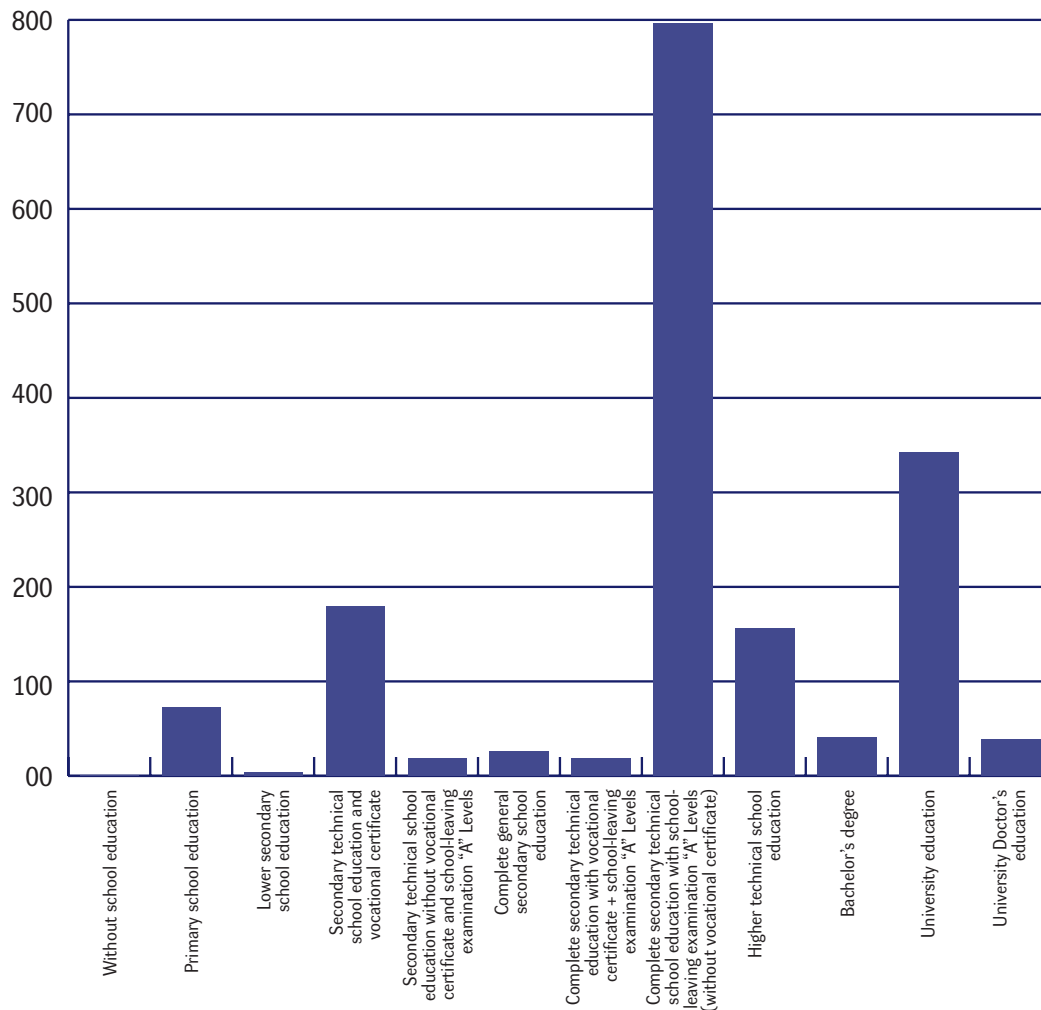
## Composition and number of employees

| Category   | 2004         | 2005         |
|--|--------------|--------------|
| Surgeon + Dental surgeon   | 290          | 297          |
| Pharmacist   | 6            | 9            |
| General nurse and midwife  | 809          | 689          |
| Other medical workers,<br>non-physicians with professional<br>qualification                  | 3            | 98           |
| Medical workers, non-physicians<br>with professional qualification<br>and specialized skills | 24           | 54           |
| Medical workers, non-physicians<br>under professional supervision or<br>direct guidance      | 203          | 212          |
| Technical-economical workers   | 193          | 231          |
| Manual workers and operators   | 114          | 104          |
| <b>IN TOTAL</b>  | <b>1,642</b> | <b>1,694</b> |



## Composition of employees according to education level

| Education   | Number       |
|---|--------------|
| Without school education  | 1            |
| Primary school education  | 73           |
| Lower secondary school education  | 4            |
| Secondary technical school education and vocational certificate   | 179          |
| Secondary technical school education without vocational certificate and school-leaving examination "A" Levels             | 18           |
| Complete general secondary school education   | 26           |
| Complete secondary technical education with vocational certificate + school-leaving examination "A" Levels                | 19           |
| Complete secondary technical school education with school-leaving examination "A" Levels (without vocational certificate) | 796          |
| Higher technical school education   | 156          |
| Bachelor's degree   | 41           |
| University education  | 342          |
| University Doctor's education   | 39           |
| <b>IN TOTAL</b>   | <b>1,694</b> |



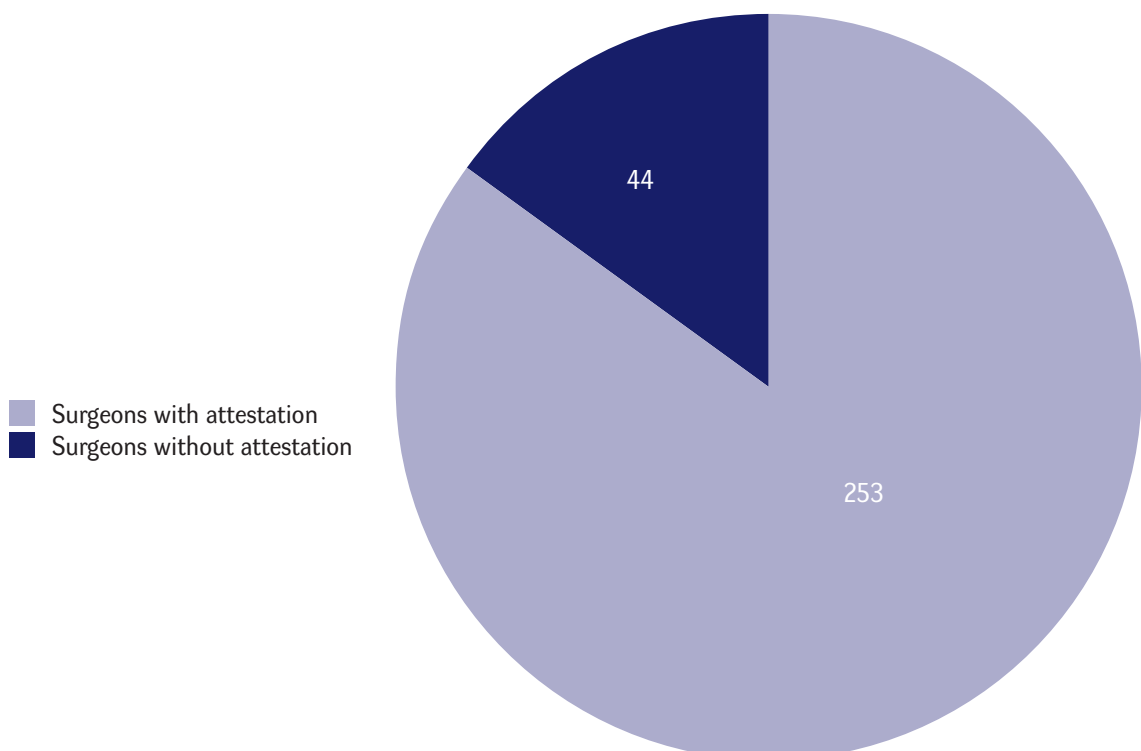


### *Composition of employees – male/female*

| Category  | Male       | Female       |
|---|------------|--------------|
| Surgeon + Dental surgeon  | 189        | 108          |
| Pharmacist  | 1          | 8            |
| General nurse and midwife   | 15         | 674          |
| Medical workers, non-physicians with professional qualifications                        | 14         | 84           |
| Medical workers, non-physicians with professional qualifications and specialized skills | 10         | 44           |
| Medical workers, non-physicians under professional supervision or direct guidance       | 113        | 99           |
| Technical-economical workers  | 56         | 175          |
| Manual workers and operators  | 42         | 62           |
| <b>IN TOTAL</b>   | <b>440</b> | <b>1,254</b> |

### *Attestation of surgeons*

| Category                     | 2005       |
|------------------------------|------------|
| Surgeons with attestation    | 253        |
| Surgeons without attestation | 44         |
| <b>IN TOTAL</b>              | <b>297</b> |



## Average payment of the employees

| Category  | 2005          |
|---|---------------|
| Surgeon + Dental surgeon  | 39,891        |
| Pharmacist  | 30,302        |
| General nurse and midwife   | 19,719        |
| Other medical workers, non-physicians with professional qualifications                  | 22,201        |
| Medical workers, non-physicians with professional qualifications and specialized skills | 22,337        |
| Medical workers, non-physicians under professional supervision or direct guidance       | 14,497        |
| Technical-economical workers  | 20,423        |
| Manual workers and operators  | 13,264        |
| <b>IN TOTAL (CZK)</b>   | <b>22,175</b> |



## G. LOGISTICS

### 1. Operational support

#### WASTE MANAGEMENT

Concerning the sphere of the waste management we continued namely in popular education pointing towards thoroughgoing waste sorting in ÚVN Prague. We have collected and disposed 355.8 tons of the waste, 14.8 tons of sharp objects (namely needles), more than 550 tons of municipal waste and more than 46 tons other hazardous waste in total. Our activity in this sphere was controlled by the inspection of Environmental Department of Prague 8 District Office on October 11, 2005. We were assessed very positively, free and clear.

#### ENERGY

Production of our own energy represents positive financial contribution to ÚVN. Our own production is 1.8 x cheaper than purchasing from PRE company. We have purchased 4,811,465 kWh for 10,607,847 CZK and we have produced 8,397,113 kWh for 10,138,056 CZK. Heating control covers 80% of heating. It is expected that the total saving of energy a year will be 4,552 GJ. Gas rose in price as much as 24% last year.

| Article                   | Per year consumption   | Our own production | Purchase from PRE company | Cost ÚVN in the year 2005 |
|---------------------------|------------------------|--------------------|---------------------------|---------------------------|
| Electricity               | 13,208,578 kWh         | 8,397,113 kWh      | 4,811,465 kWh             | 20,745,903 CZK            |
| Gas                       | 10,917 m <sup>3</sup>  |                    |                           | 186,330 CZK               |
| Water rate, sewage charge | 177,268 m <sup>3</sup> |                    |                           | 8,191,721 CZK             |
| Heat                      | 143,122 GJ             |                    |                           | 43,074,278 CZK            |

#### ACCOMMODATION

In the course of the last year, we succeeded in adhering to the achieved standard of accommodation of our employees. ÚVN administers 440 beds in three hostels. We also succeeded in renting additional beds in private house No. 35 in "U páte baterie" street. It has enlarged our accommodation potential. In spite of it, the mentioned capacity does not cover required needs.

| Hostel      | Beds | Single room | Double room with bath | Double room (shared bath) |
|-------------|------|-------------|-----------------------|---------------------------|
| Nurses Home | 85   | 32          | 46                    | 7                         |
| "D" (XXI.)  | 200  | /           | 100                   | 100                       |
| Dědina      | 155  | /           | 155                   | /                         |

#### TUBULAR-MAIL POST

The tubular-mail-post is maintained on very good level. In 2005 the system of tubular-mail-post was extended by adding Operating Theatre station No. 11 in CH1 building. Moreover the whole system of tubular-mail-post has been completely validated, disinfected and serviced. Its control server was enlarged with the aim to improve signalling of malfunction and to enable immediate repair. About 280,000 cartridges are sent by the system a year. It represents 800 – 1,000 pieces daily. Total weight of the transported material is about 150,000 kg.

### 2. Services

#### HOSPITAL LAUNDRY

Changes in the system and organisation of laundering accepted in September 2005 resulted namely in better economic indicators as well as in the total level of the provided services. Costs of washing of the hospital

laundry were decreased in an average by 4 CZK for 1 kg of washed laundry. Increasing of quality of the washed laundry and shortening of the time of return of the washed personal laundry are planned for the year 2006.

#### Quantity of washed laundry

|     | 2005       |
|-----|------------|
| Kg  | 462,252    |
| CZK | 11,871,224 |

#### CATERING

Standard of the provided catering was checked daily by all patients and majority of employees. We succeeded in observing the achieved standard of catering of our patients during the whole year. Partial problems appeared in keeping the served meals in required temperature. Solution consists in adhering to organisational measures during preparation, distribution and consumption regime of food. Possible improvement may be achieved by increasing technical level namely of food distribution by using heated-up containers, which is a long-term task due to economical reasons. Possibility of an above-standard catering of patients, choice of more kinds of meals, met with little interest. Only 59 patients made use of this possibility last year. Assessment of the level of catering of employees is mostly positive. It may be proved by growing number of diners and the number of more than 224 thousand main dishes served in 2005.

#### Catering of employees

|                 | 2005       |
|-----------------|------------|
| Number of meals | 224,507    |
| CZK             | 16,135,458 |

#### Catering of patients

|           | 2005    |
|-----------|---------|
| Breakfast | 155,777 |
| Lunch     | 165,458 |
| Dinner    | 158,415 |

#### Hospital transport

##### *Transport of patients*

|    | 2005    |
|----|---------|
| km | 288,916 |

##### *Out of it (km)*

|                         | 2005    |
|-------------------------|---------|
| Local transport         | 89,614  |
| Long-distance transport | 196,169 |
| Other                   | 3,133   |

### 3. Investment

#### ACQUISITION OF MEDICAL EQUIPMENT

In 2005 we preferred investment purchase of medical equipment.



**UVN**

**The most important purchases:**

| Name   | Price – CZK |
|--|-------------|
| Surgery robotic system – da Vinci                                    | 67,941,216  |
| Upgrading of endoscopic examination room                             | 5,971,350   |
| Upgrading of angio set   | 31,119,060  |
| Upgrading of MAQUET tables   | 12,868,144  |
| Echocardiographic apparatus  | 7,332,444   |
| Endoscopic simulator   | 3,822,000   |
| Gas chromatograph  | 2,454,375   |
| Laparoscopic ward unit   | 10,897,446  |
| Mammographic set   | 7,308,000   |
| Ultrasonic disinfection automatic machine for endoscopic instruments | 848,393     |

**The following important activities have been executed in the sphere of buildings and their technical upgrading:**

| Name   | Price – CZK |
|--|-------------|
| Reconstruction of Pavilion XI (“C”) in 2005-2007       | 320,484,000 |
| 1st stage of reconstruction of Pavilion F1             | 18,959,204  |
| Medical examinations control dept.                     | 4,343,000   |
| Project of Sewage Water Treatment Plant reconstruction | 892,500     |
| Technical security of Pavilion E (building No. X)      | 998,500     |



## H. CONGRESSIONAL SERVICES

The Central Military Hospital offers renting of Congress Centre with seating capacity of 200 places and other supporting services (gastronomic services, video-conference possibilities, advertising graphic works, etc.).

The congressional and educational activity of the Congressional Centre in Pavilion CH2 included 162 independent actions, out of them 8 actions lasted several days. Financial income from foreign objects makes about 520 thousands CZK. The "VIDEOSURGERY" action organized by Ophthalmology Clinic, where the Congress Centre ensures direct transmission of the operations from the theatre, belongs to the most important actions every year. Other important events are: "Střešovice Spring" held by ENT Department and "KUNC MEMORIAL" organized by Neurosurgery Clinic. Nationwide conference of nurses titled "The nurse in the year 2005 or ..." is a unique action in a way. It connects the conference halls of four hospitals by tele-bridge. Participants of the conference in each hospital are able to see and hear all the lectures and they can also directly enter the discussion.





## 4. PROJECTS OF THE YEAR 2005

### *Conference titled “Central Military Hospital – High-Quality and Safe Medical Facility of the 3rd Millennium” and presentation of accreditation certificate*

The conference held on the occasion of awarding the international accreditation of Joint Commission International was organized in the auditorium of the ÚVN Congress Centre on March 16, 2005.

Opening ceremony took place in the atrium of the hospital under the presence of the President of the Republic V. Klaus, Deputy Minister of Defence of the Czech Republic P. Štalmach, Minister of Health of the Czech Republic M. Emmerová, Ambassador of U.S.A. W. Cabaniss, Chief of the General Staff of the Czech Armed Forces General P. Štefka and Mayor of Prague 6 T. Chalupa. Acting Director of JCI P. VanOstenberg presented the accreditation certificate to the Director of ÚVN during the ceremony.

ÚVN has gained the accreditation certificate as the first hospital not only on the territory of the Czech Republic but also as the first hospital in Central and Eastern Europe.

Next programme of the Conference was devoted to the basic question of quality promotion in the medical facility, namely from the viewpoint of guarantee of high professionalism of care, its effectiveness and creation of safety environment.

### *Identification Wrist Band*

Since March 7, 2005, the Central Military Hospital, Prague, introduced an identification system of patients by means of plastic identification wrist bands.

After being received to the hospital each patient of ÚVN is given a plastic wrist band with his/her name and date of birth which is fastened on his/her wrist and sealed. The band is worn on the right wrist and doesn't bother the patient at all; he can easily execute the necessary hygiene.

White wrist band is intended for the patient without risk, red wrist band for the patient threatened with a risk of falling down and green band for the patient threatened with decubites. The patient who has the two risks wears red wrist band with green ring.

Introduction of the identification wrist bands is further step towards promotion of the patient's security.

The identification wrist bands were used within the pilot project in about 2/3 of the hospital (surgical departments, intensive care units, department of old long-term laying inpatients). In September 2005 the whole project was evaluated and it was decided that the wrist bands will be used in all departments of ÚVN.

### *Robot*

In the middle of November 2005 ÚVN put Robotic Centre in operation. Extraordinary invasive robotics is a new specialisation of medicine which connects the professional work of the surgeon with the latest technology – the micromechanics, three-dimensional visualisation and computer control.

The da Vinci robot has been installed in the Operating Theatre No. 11 and two robot-assisted operations of prostate were executed till the end of the year. Further use of the robot is planned in gynaecology and ventral surge.

## Trauma plan

ÚVN regularly conducts training of the activities following from so called Traumatologic Plan elaborated by hospital. The whole action is prepared and co-ordinated by the Department of Security and Crisis Management. Theme of the exercise held on June 30, 2005, was an accident of Metro train in Hradčanská station. According to scenario, ÚVN had to receive at once 21 wounded persons transported by Medical Rescue Service.

After receiving the information from a fictive Emergency Service for the Capital City of Prague concerning massive reception of wounded persons they started activation of Crisis Management Group. Then, they began to prepare rooms for reception of high number of the wounded, activated individual teams of surgeons and medical personnel, vacated the bed capacities of the exposed departments (e.g. surgery, orthopaedics, and neurosurgery) and moved the inpatients to less exposed workplaces. The patients were divided according to seriousness of wounding and medical teams received, examined and determined the next procedure of treatment.

In co-operation with the Red Cross, 21 figurants were masked for the needs of the training in very realistic way. They were transported by ambulances and escorted by surgeons and medical men to the reception in ÚVN Prague.

Executing this training the ÚVN fulfils its duty following from the Act No. 240/2000 Coll. on Crisis Management. In addition to this, ÚVN as the first internationally accredited medical facility in the Czech Republic organizes these training in harmony with the accreditation standards.





**UVN**

## **5. PICTORIAL SUPPLEMENT**



*General view of the hospital area*





**UNV**



*View of the newly reconstructed pavilion A*

*Atrium pavilion A with pharmacy for the general public and information-reception desk*





*Last ten years, ÚVN experienced radical changes, which has contributed to increasing quality of general care for the patients*

*Central block of services (logistic services, hospital pharmacy, archives)*





ÚVN



*Preparation of cytostatic drugs in the hospital pharmacy*

*Preparation of drugs in the hospital pharmacy*





*Central sterilization*

*RDG pictures direct digitizing workplace*





**ÚVN**



*The most modern angiographic apparatus installed in the Czech Republic*

*ÚVN operates 76 beds of intensive care*





*One of the eight central operating theatres*

*Since November 2005, ÚVN operates a robotic surgery workplace*





*Magnetic resonance of Radio-diagnostic Department*

*The hospital gradually promotes its role of training workplace*





*The hospital acquired new areas equipped with advanced scintigraphic diagnostics*



*Refraction and Laser Centre of Ophthalmology Clinic of Charles University Medical Faculty I and ÚVN Prague*



**UVN**



*Rehabilitation exercise*

*Therapeutic exercise in swimming pool*





Exterior of waiting room for ENT outpatient's departments

Nearly 900 thousand outpatients were treated in 2005





ÚVN



*Ceremony of awarding JCI international accreditation*

*Director of ÚVN Prague Colonel Štefan Brunclík, MD is receiving the acknowledgement titled "Military Manager of the year 2005"*







**ÚVN**

**Central Military Hospital, Prague**

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