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## GENERAL MANAGER'S FOREWORD

Dear Friends,

You have received the Annual Report of the Sisters of Mercy of St. Borromeo Hospital in Prague for the year 2007. I am pleased to briefly introduce the Hospital to you and highlight the milestones and events in the evaluation of our work.

The Sisters of Mercy of St. Borromeo Hospital in Prague is the only church healthcare facility of its kind in the Czech Republic. It is a private (non-governmental) healthcare facility established by a church organization, the Congregation of Sisters of Mercy of St. Borromeo.

The Hospital serves all patients and needy individuals irrespective of religion or without religion. Having achieved a stable position in the public network of healthcare facilities, the Hospital has an assigned catchment area covering approximately half of the municipal quarter of Prague 6. It serves as an acute care hospital with highly specialized facilities, particularly in the area of endoscopic gastroenterology, tumor surgery, specific rectal and intestinal inflammations, and implantation of permanent pacemakers. The Hospital has a sufficient bed capacity for rehabilitation care, which is very important, especially for patients with a recent history of cerebrovascular accident and those with post-traumatic conditions. The in-patient department is closely linked to the outpatient wards and special centers. In addition to highly profiled special facilities, the Hospital provides outpatient and inpatient care within the Pediatric and Adolescent Detox Center for the treatment of addiction to psychotropic drugs. With respect to basic medical services, the Hospital provides care in Surgery, Internal Medicine, Rehabilitation, and Anesthesia & Resuscitation. Basic care is complemented by the Radiodiagnostic Department, Department of Clinical Biochemistry, and Pharmacy. The Pharmacy provides its services to both the Hospital and outpatient clients.

A historic link of a century and a half exists between the Hospital and the Congregation of the Sisters of Mercy of St. Borromeo determined the spiritual dimension of care for patients and their relatives. The close association between the Hospital tract and St. Borromeo means that anybody can attend regular Mass. Upon request, spiritual services are provided also at the hospital bed. The daily cooperation between the Sisters and civil employees in all departments of the Hospital reflects the tolerance of religious free will and this respect is transmitted to patients in a sensitive way.

Due to its size and location in the historical center of Prague and in the middle of green gardens, the Hospital provides a pleasant setting for both patients and their friends and relatives.

Routine medical care is reimbursed patients' health insurance schemes. The Hospital provides necessary care for foreigners within the European Union and for self-paying patients.

In 2007, the Hospital closed the year with a profit of CZK 25,102,000. This successful result was achieved by a 10.33% increase in revenues. The planned target for gifts and donations was not reached due to state budget cuts and self-government budgets, so that the amount of gifts and donations was only 82.14% of that of last year. The overall year-on-year increase in revenues was 9.41%.

In the area of costs, long-term measures aimed at cost reduction have been undertaken. Despite these efforts, a sharp increase (by 11.98%) in the price of materials and energy could not be avoided. Changes to the Labor Code as concerns payroll costs also had a negative effect; a 15.4% year-on-year increase in personnel costs was recorded. Total costs were 10.22% higher year-on-year. The Hospital has no trade payables overdue for more than 4 weeks.

In the area of receivables, the payment efficiency of health insurance companies has improved, especially for Všeobecná zdravotní pojišťovna (VZP). Receivables for treatment remain a problem, especially concerning foreign workers, some of them being illegally employed, who have no health insurance coverage in the Czech Republic.

The structure of revenues received from health insurance companies changed, with the volume of revenues decreasing by 3.8% for VZP and by 0.7 % for ZPMV; while the same volume increased by 3.1% for OZP and by 0.3% for VoZP.

The financial results of the NMSKB Hospital were approved by an independent auditor with the statement:

“Without reservations”

The year 2007 was one of preparations for strategic decisions regarding the further development of the Hospital. The Congregation of the Sisters of Mercy of St. Borromeo sponsored a study to serve as a background for the decision to be made by the founder and potential strategic partner in investments in the Hospital and participation in the management of further development thereof.

This year, no personnel changes were made in the senior management of the Hospital, while some personnel changes occurred in middle management: Martin Janč, MD was named senior physician after the resignation of Petr Dobíšek, MD as of 1 January. This February Daniel Ehrenberger, MD was named senior physician at the Department of Surgery, while the former senior physician

Richard Sequens, MD, PhD was appointed Head of the Center of Gastroenterological Surgery.

Organizational measures were implemented with the objective of staying within the annual overtime work limit without jeopardizing or limiting the system of care provided.

We succeeded in maintaining further activities of the Pacemaker Center. The issue was solved between the Hospital management and management of the General Health Insurance Company (Všeobecná zdravotní pojišťovna). In other areas, the range of procedures was comparable to that of previous years. We reopened the Outpatient Chronic Pain Management Office, and the Hernia Center received the certificate of a reference center.

The Pediatric and Adolescent Detox Center of the Hospital is the only facility of its kind in the Czech Republic and provides overall care for the most endangered groups of the drug abusing population in the Czech Republic. When performing treatment, we emphasize psychotherapy, we help people adopt a positive attitude towards life and ensure follow-up care, if any, whether on an outpatient basis or in the community in accordance with the anti-drug policy of the Czech Republic and the EU.

In the area of investments, reconstruction of the Department of Clinical Biochemistry was initiated in October.

We continued to rationalize and increase the efficacy of activities, mainly by implementing organizational measures and identifying and utilizing reserves; for example prescriptions and requests have been maintained in electronic format since November and prescriptions for personal use are registered separately. Products for stoma patients are provided by the Hospital Pharmacy.

The reporting of procedures is at a very good level. However, certain fluctuations in financial results were seen during the year, especially with respect to earnings, which were caused by both seasonal factors and illness among caregivers. This area should be stabilized at the level of specialist staff.

The main task for the year 2008 is a transition to the new accounting system and new program of payroll and human resources agenda within the comprehensive change of the financial program. In the area of information systems, the quality of hardware has gradually improved, but the Hospital still lacks a long-term IT/IS development concept.

All our measures should lead to a gradual stabilization of the Hospital's financial situation and are aimed at strengthening the position of the Hospital within the Prague Health System.

The Hospital was very well evaluated by its patients for the second consecutive year. The Hospital ranked second at the national level and was number one in the Prague healthcare system.

The long-term perspective will depend on external circumstances, in particular if the new development plan of the Prague Healthcare System is prepared. It will also depend on all of us, how we are able along with our founder and strategic partner to modernize the Hospital, operation rooms, ICU and standard beds, and to build additional specialist departments, primarily the department of palliative medicine.

Jaroslav Štrof, MD, PhD, MBA  
General Manager of the Hospital

## BOARD OF DIRECTORS AND MANAGEMENT OF THE ORGANIZATION

### BOARD OF DIRECTORS

<b>Jiří Lobkowitz, MSc – President</b>
members:
<b>Zuzana Roithová, MD, MBA</b>
<b>Martin Jan Stránský, MD</b>
<b>Pavel Jansa, MD</b>
<b>S.M. Alena Stanislava Bártová</b>
<b>S.M. Mirjana Ludmila Vinšová</b>
<b>S.M. Vincenta Marie Kořínková</b>
<b>S.M. Amidea Blanka Rybecká</b>

### MANAGEMENT

<b>Jaroslav Štrof, MD, PhD, MBA - General Manager</b>
<b>Petr Kolařík, MSc</b> - Deputy Manager for Finance
<b>Gustav Berlinger, MD</b> - Deputy Manager for Therapeutic and Preventive Care
<b>Vlastimil Šipl, MSc</b> – Chief of Operational and Technical Section
<b>Irena Trpišovská, MSc</b> - Head Nurse

On 31 October 2007, Zuzana Roithová, MD, MBA resigned from the Board of Directors; Tom Philipp, MD became member of the Board of Directors as of 1 November 2007; Mr. Constantin Kinský was added to the Board of Directors as of 1 August 2007; S.M. Vincenta Marie Kořínková resigned as member of the Board of Directors as of 31 December 2007.

### MIDDLE MANAGEMENT

Name of department	Senior physician (department head)
AR	Gustav Berlinger, MD, senior physician
Pediatric and Adolescent Detox Center	Darina Stančíková, MD, senior physician
Department of Surgery	Daniel Ehrenberger, MD, senior physician
Center of Gastroenterological Surgery	Richard Sequens, MD, Head of Center
Department of Internal Medicine	Josef Doseděl, MD, senior physician
Radiodiagnostic Department	Martin Janče, MD, senior physician
Department of Clinical Biochemistry	Petra Kynclová, MSc
Pharmacy	Madlen Zvonková, MSc, S.M.
Nursing Care Beds	Pavλίna Marková, MD, senior physician
Department of Rehabilitation	Jiří Papoušek, MD, senior physician

## DEPARTMENT OF ANESTHESIA AND RESUSCITATION

Number of beds	5
Number of hospitalized patients in the year 2007	169
Number of outpatients in the year 2007	2,016

The **AR Department** performs general and regional anesthesia for surgical and diagnostic procedures, provides treatment at resuscitation and intensive care beds, non-stop specialist consultations in preoperative treatment, urgent care at all departments of the Hospital and treatment of pain.

### Statistical data

#### 1. Activities in the anesthesia section:

A total of 2,002 anesthetics were performed (last year the number was 2,147). The number of procedures carried out during institutional emergency service was 89, which is 4% of all procedures. The number of outpatient anesthetics was comparable to that of last year (324) and pertains virtually only to gastroenterological endoscopy. The percentage of anesthetized elderly patients over 70 years of age was 19% and remained at between 16 to 20% for the last 5 years.

#### 2. Interdisciplinary urgent inpatient care

A total of 169 patients were admitted to the inpatient ward of the AR Department (last year the number was 170). This marginal decrease in the number of cases can be attributed to the increased complexity of treatment and multimorbidity of patients. We treated more patients with long-term artificial lung ventilation; see the increase by 100 bed-days in the TISS category over 40 points. The number of patients older than 65 years was 59, i.e., 43%, (it was 35-39% in previous years). A total of 20 patients died (14%). Hence, the mortality rate decreased compared to previous years (approximately 20%). A total of 12 nosocomial infections were reported by the said department, i.e.,

approx. 9% of patients (last year it was 6.5%). This was due to longer hospitalization and higher multimorbidity of ventilated patients.

### **Research activities and education**

A multicenter study was conducted at the department evaluating treatment of postoperative nosocomial pulmonary inflammation. Physicians preparing for postgraduate specialty exams underwent training programs at accredited facilities. Two seminars were organized for nurses by Dr. Čermák (hematology, cardiopulmonary resuscitation). Two lectures were given (Dr. Dosedělová, Dr. Berlinger) for general practitioners and polyclinic specialists as part of Hospital-wide seminars.

Given the planned establishment of the Department of Palliative Medicine, Dr. Berlinger and Dr. Dosedělová are preparing themselves for specialty degree in palliative medicine and pain management. An outpatient office was opened for the management of chronic pain and palliative care under the guidance of Dr. Dosedělová.

## **DEPARTMENT OF SURGERY**

Number of beds	<b>58</b>
Number of hospitalized patients in the year 2007	<b>2,128</b>
Number of outpatients in the year 2007	<b>10,462</b>

**Department of Surgery** was divided in the year 2007 to wards CH3, CH5, and CHIP. During the year surgeries were performed continuously in operation rooms 1 to 3, and in room 4 for a short period of time. The outpatient general surgery office was permanently available 24 hours a day. In addition, surgeons use a system of specialized outpatient surgery offices and centers, where the patients are examined and indicated for surgery and subsequently receive additional treatment.

R. Sequens, MD, PhD served as department head until 15 February 2007, while D. Ehrenberger, MD was department head as of 15 February 2007. P. Bačkovský, MD was deputy head of department. Dr. Mareš, Dr. Bačkovský and Dr. Ehrenberger were chief physicians of the wards CH3, CH5, and CHIP, respectively. These physicians along with Dr. Vodenka served the 1<sup>st</sup> duty of the Institutional Emergency Service. Other physicians in the department and those serving the 2<sup>nd</sup> duty of the Institutional Emergency Service were Dr. Marek, Dr. Sedláček, Dr. Doležal and Dr. Jaroš, who terminated his employment during the year. Dr. Holub was hired, he is taking part in both the 1<sup>st</sup> and 2<sup>nd</sup> duty of the Institutional Emergency Service.

Part-time employees of the department were Dr. Polák, who also worked as chief physician of our Hernia Center, Dr. Rousek, and Dr. Rechová. Several external physicians took part in the 2<sup>nd</sup> duty of the Institutional Emergency Service.

The Department of Surgery is specialized in coloproctology, laparoscopic surgery, all types of hernia surgery (both traditional and laparoscopic) within the

Hernia Center, varicose vein surgery, trauma surgery, including arthroscopy, medically indicated plastic surgery procedures. Some procedures were also performed in the operation rooms in the presence of gynecologist Dr. Černý. In 2007 the number of patients operated on was virtually identical to the number recorded in the year 2006. During the year 2007, the physicians and nurses regularly attended scientific congresses and seminars. As is traditional, the physicians actively participated in lecture activities. Students in the 4<sup>th</sup> to 6<sup>th</sup> year of study at the Medical Faculty participated in training programs throughout the year 2007.

## CENTER OF GASTROENTEROLOGICAL SURGERY

Number of hospitalized patients in the year 2007	143
Number of outpatients in the year 2007	460

**Center of Gastroenterological Surgery** is a super-specialized facility of the hospital, which performs the most challenging intestinal and rectal surgery procedures, such as rectal replacement with small intestinal segments in ulcerous colitis and familial polyposis, various types of stricture plastic surgery and resections in Crohn's disease or sphincter-saving resections in rectal cancer. The Center provides treatment for patients suffering from complicated forms of idiopathic intestinal inflammation (ulcerous colitis, Crohn's disease), very often after repeated operations at other surgical facilities in the Czech Republic, including clinical operations. The catchment area is the entire country. Richard Sequens, MD, PhD is the head of Center. The head of center closely cooperates with leading gastroenterological facilities in Bohemia and Moravia, and within the hospital, with the head of Department of Internal Medicine, who also specializes in the issue of non-specific intestinal inflammations. In addition, the Center performs surgery on patients with familial polyposis and colorectal cancer. Concerning cancer patients, the Center provides surgical treatment mainly to those with low rectal cancer, frequently after neoadjuvant cancer treatment, at risk of permanent stoma. These patients also come from all over the country. Apart from patients with idiopathic intestinal inflammations and tumors, the Center is also visited by patients with various problems related to a broad spectrum of intestinal and rectal surgery (including rectal prolapse, rectal fistula, post-radiation damage to the intestines and/or rectum, reconstruction of the digestive tract after previous complicated surgery at other surgical facilities, and so on). When providing comprehensive care to patients suffering from idiopathic intestinal inflammation, the head of Center cooperates with the Clinic of Gynecology of Assoc. Prof. Svoboda, MD, PhD at Vinohrady Teaching Hospital. He is present in person at in all Cesarean section deliveries in patients with a history of previous or repeated surgeries (patients after total proctocolectomy with rectal replacement by the small intestine, patients after repeated resection procedures for Crohn's disease or rectal stoma). Other examples of close cooperation with the gynecologist are surgeries due to gynecological indications (such as hysterectomy or adnexectomy in patients after complicated intestinal or rectal surgery) or surgical indications (patients with rectal cancer requiring removal of the internal genitals). Similar cooperation is available with Mr. Grill, MD, PhD, head of Clinic of Urology, Vinohrady Teaching Hospital, who personally attends combined small pelvis surgical procedures whenever needed. Perioperative colonoscopy and enteroscopy is another example of the outstanding cooperation with the team of gastroenterologist led by department head Dr. Doseděl. The Center also cooperates with the Clinical and Research Center for Intestinal Inflammation ISCARE I.V.F. a.s. in Prague 7, namely with its head Prof. M. Lukáš, MD, PhD, in providing care to patients with Crohn's disease. Nutritional preparation, which is often necessary in patients suffering by severe forms of idiopathic intestinal inflammation associated with malnutrition, is performed in cooperation with the Department of Internal

Medicine, or with Metabolic ICU of the 2nd Clinic of Internal Medicine, Thomayer Teaching Hospital, led by Assoc. Prof. Kohout, MD, PhD. A comprehensive intensive postoperative care after major surgery is provided by Department of Anesthesia and Resuscitation.

In the future we count on further development of the gastroenterological issue, which should definitely remain one of the main programs of the Hospital, given its importance. We expect more interconnections between the activities of the Center of Gastroenterological Surgery and gastroenterological facility of the Department of Internal Medicine. The number of operations performed by the head of Center in the year 2007 was 143; however, the total number should include some complicated surgeries performed by other physicians (Dr. Bačkovský, Dr. Marek, Dr. Sedláček), who work under the methodological guidance of the head of Center. The consulting office of the head of Center examined a total of 460 patients in the year 2007. Perioperative colonoscopy was also performed in 48 of these patients. Endoscopic examinations requiring flexible colonoscopy are carried out and administratively managed at the endoscopic facility of the Department of Internal Medicine.

## DEPARTMENT OF INTERNAL MEDICINE

Number of beds	93
Number of hospitalized patients in the year 2007	2,558
Number of outpatients in the year 2007	19,605

**Department of Internal Medicine** provides care to outpatient and hospitalized patients. Inpatient care is provided for the catchment area of Prague - according to the schedule of the City of Prague Emergency Medical Service. The Department of Internal Medicine also tries to meet the requirements of all patients who wants to be examined and treated in our Hospital.

The inpatient ward of the Department of Internal Medicine provides basic examinations and treatment in the specialty of internal medicine. Highly specialized care is provided in cardiology and gastroenterology. In the area of cardiology, the Department offers a complete examination program with the exception of left-sided catheterization (coronary angiography). Care for patients with the disorders of cardiac rhythm is provided at very high level, including implantation of permanent pacemakers. A total of 131 pacemakers were implanted during the year 2007.

Gastroenterology and digestive endoscopy are performed in particular on an outpatient basis. Specialist examinations and consultations and endoscopic procedures are available to patients from Prague and other non-Prague and distant hospitals. In the last year, our department performed over 3,000 endoscopic examinations of the digestive tract. The spectrum of examinations includes in particular endoscopy of the upper gastrointestinal tract, large intestine, pancreas, and biliary tracts. Thanks to the cooperation with other premiere facilities (ÚVN, FN Motol, Monse spol. s. r. o.), our department was able to provide state-of-the-art techniques, such as capsule endoscopy of the small intestine, dual balloon enteroscopy and endoscopic diagnostic and therapeutic ultrasonography. Next year we plan to introduce other special techniques and methods, such as transnasal endoscopy and diagnostic endosonography. In long-term cooperation with OKB, we have developed non-invasive diagnostic techniques in gastroenterology (breathing tests for the diagnosis of *H. pylori*). Therapeutic procedures form a significant percentage of all procedures thanks to the experience of our endoscopists. Having excellent relationships with many leading institutes in Prague, the Department of Internal Medicine serves for many years as a teaching center for postgraduate students of the Institute of Endocrinology and mainly for students of the 3<sup>rd</sup> Medical Faculty, Charles University, including foreign students. With the consent of the Czech Gastroenterological Society and health insurance companies, **Center for Biological Treatment of Non-Specific Intestinal Inflammation** was established, which helps in the treatment of the most complicated cases and results in further concentration of these patients in our facility.

### **Research activities and education**

Lecture and publication activities are linked not only to the head of department but also to other members of his team. This in particular pertains to the issues of digestive endoscopy at national, international and local levels, non-invasive diagnostic techniques in gastroenterology – in cooperation with the GE Laboratory of the General Teaching Hospital (VFN), relationships between the endocrinological diseases and gastroenterology – in cooperation with the Institute of Endocrinology and Department of Immunology of VFN.

Long-term research activities have been conducted at the Department of Internal Medicine for many years as part of clinical trials or targeted research. In the year 2007, the research was conducted mainly in the area of prevention of colorectal cancer, reflux disease, biological treatment of intestinal inflammation, heart failure and other severe medical conditions.

Many of our results are contained in the literature references. We believe that we will keep providing our patients with care at the highest possible level.

## PEDIATRIC AND ADOLESCENT DETOX CENTER

Number of beds	14
Number of hospitalized patients in the year 2007	263
Number of outpatients in the year 2007	2,369

### Basic idea

The basic idea related to the establishment of the Pediatric and Adolescent Detox Center was (PADC) was to provide comprehensive care for children and adolescents who have experience with addictive substances. In these patients, detoxification must be associated with psychiatric and motivation psychotherapeutic care and in the final phase, also with re-socialization care. The concept of the Center includes systemic cooperation with the family and school, and provision of follow up care in healthcare and non-healthcare facilities providing outpatient, middle-term, and long-term weaning treatment. As of April 2004, the PADC works in a regular operation.

### Staffing

Our staff team has been created in accordance with the recommendations of Professional Competence Standards. We emphasize the necessity to ensure programs for clients of pediatric and adolescent age during the entire day, including weekends. Our team worked under the guidance of the chief physician (psychiatrist) in the following composition: deputy chief physician (psychiatrist), pediatrician, two psychotherapists, leisure time therapist, special pedagogue, non-physician professionals (nurses, social nurse) and administrative worker. Supervisions of the team were conducted on a regular basis and regular meetings and case analysis were organized with expert coordinators in the field of pediatric psychiatry and psychology.

### Activities

The facility provides combined therapy (symptomatic and/or substitution) which is supplemented by psychotherapy. The complexity of the program within the ongoing detoxification includes leisure time activities, such as ergotherapy, music therapy, art therapy, educational therapy, motivation training, and other suitable activities.

**Therapeutic program** is divided into three phases, determined individually according to the level of addiction or actual state of health, attitude of the patient towards treatment, motivation for abstinence, and so on. Ordinary school education is arranged for clients who have not completed elementary school. The duration of treatment at the PADC most frequently ranged from 7 to 21 days.

During previous years, we demonstrated the necessity of such a facility in the Czech Republic, and we gradually adjusted the organizational rules of the department and therapeutic program; we introduced the Pediatric and Adolescent Detox Center not only to the professional but also to the lay public. We believe it is very important that we are able to offer a unique care even for

adolescents, who are "only" experimenting with drugs, thus avoiding the development of addiction and related severe health consequences.

We established very good liaisons with the parents, social curators, general practitioners, school facilities, and so on. The PADC project captured the attention of responsible ministries and some important foundations and funds, which provided subvention for the purchase of supplies, building renovations of the department and operational activities.

### **Statistics**

In the three outpatient wards of the PADC, a total of 2,369 patients were examined in the year 2007, of which 492 were below 18 years of age. A total of 263 patients were hospitalized, 21 of them were aged 15 years or less. The average age of hospitalized patients was 16 years. Very important follow-up care was successfully provided to more than 92% of patients.

### **Research activities and education**

Dr. Koranda and Dr. Stančíková - lecture at the XII. International Congress of the Society for Addictive Disorders, press releases, TV and radio broadcasting.

Dr. Stančíková – regular lectures for probation officers and guardians, lecture for probation officers for substance misuse

Dr. Koranda – lecture for the professional society of J. E. Purkyně, lecture for probation officers for substance misuse

Dr. Jeřábková – lecture at Hepatology Days

Physicians took part in seminars and trainings within their specialty and in other interdisciplinary areas; they also attended the national annual conference of the professional society. Therapists continuously improved their education in psychotherapeutic training. Nurses participated in educational programs on a regular basis.

## **RADIOLOGIC DEPARTMENT**

This department contains all basic facilities which are required for rapid diagnosis:

Radiography and radioscopy, diagnostic sonography and CT scan.

Martin Janče, MD is head of the department.

In terms of staff, appliances and organizational matters, the department is designed to provide the fastest and most precise diagnostic data 24 hours a day.

The waiting time for appointments is short, below the level of that seen in nearby hospitals. The department is able to flexibly respond to the requirements of both clinical and outpatients facilities. Hospitalization and/or outpatient treatment are reduced as much as possible.

Advanced digitalization of image data enables to provide individual patients with a copy of the image documentation where needed.

During the first quarter, the physician team was stabilized and a new state-of-the-art appliance for ultrasound diagnostics was purchased

## DEPARTMENT OF CLINICAL BIOCHEMISTRY

Department of Clinical Biochemistry operates non-stop and performs most of the laboratory tests for both hospitalized patients and outpatients. Highly specialized and less frequently required examinations and tests, including microbiological tests, are provided by special laboratories. The Department of Clinical Biochemistry is divided into several working units, including: receipt of samples and urine laboratory, biochemistry, immunochemistry, hematology, transfusion and toxicology. During the year 2007, a total of 22,322 blood samples were processed in the laboratory from both hospitalized patients and outpatients. In addition, the laboratory performed 17,517 blood counts, 14,467 coagulation tests, and 4,482 chemical and microscopic urine analyses. The transfusion unit made 881 blood group determinations, 603 compatibility tests for transfusion products, and 277 screenings of anti-erythrocyte antibodies.

### **Personnel**

The laboratory employs six laboratory assistants, including chief laboratory assistant (of these two laboratory assistants have a specialty degree in the field, and one has a university degree), one university graduate (head of laboratory) and one employee for washing laboratory glassware.

The staff situation is good. J. Lovecký, MSc, E. Liška, MD, and M. Hejtná, MD are the laboratory's expert coordinators.

### **Research activities and education**

No research activity was performed in the Laboratory in the year 2007. The laboratory takes part in clinical studies only as a processor of biological materials, in particular separation and storage in relevant storage conditions. Every year, the laboratory organizes educational visits for students of the Nursing College and practical training course for 2 students of the Nursing College.

### **New building of the Department of the Clinical Biochemistry**

The construction was started in October and required minor organizational changes at the Department of Internal Medicine and at the Anesthesia unit. The construction works had no significant negative influence on the operation of the Hospital. A time schedule has been prepared for moving the laboratory from the current premises into the new ones, which will not disturb the collection and evaluation of the laboratory samples.

## PHARMACY

The Pharmacy provides institutional pharmaceutical care to the hospital facilities and common services to the outpatient clients. The operation of the pharmacy was complicated at the beginning of the year by a large renovation of the masonry and painting. Employees of the Pharmacy managed this difficult situation without any limitation of service provision to the hospital departments.

Due to the operational and time-related reasons on the part of the Pharmacy and the repair company, we were unable to complete the repair of the damp ceiling and damaged masonry in the corridor of the Pharmacy (which also serves as a storeroom). The repair was planned for the year 2008.

### **Staff:**

S.M. Madlen Petra Zvonková, PharmMSc is chief of pharmacy.

The medical orderly, Alice Votrubová, terminated her employment as of September 2007.

Helena Štenclová was employed for a definitive period of time until 30 June 2008

**Equipment:** Thanks to the sponsorship of the company Phoenix and Nutritia, we acquired a new multifunctional device (combined printer, copier and scanner) and replaced old chairs.

**Operation:** We extended our services with the supply of stoma products to patients, including mail-order service for non-Prague citizens. We equipped the cashier desk with a new payment terminal, so credit card payment is available.

**Expected changes:** Change in the VAT rate as of January 2008, new pricing policy, new health insurance codes, surcharges for prescriptions, and new storeroom for infusion solutions (in February).

## NURSING CARE BEDS

Number of beds	30
Number of hospitalized patients in the year 2007	130

**Nursing care beds** (NCB) were created as a result of restructuring of the department of surgery at the end of the year 2005. Within the Hospital, the NCBs serve as a separate department. The total capacity is 30 beds. The department provides comprehensive nursing care; physiotherapy and ergotherapy in cooperation with the Department of Rehabilitation; and speech therapy and psychiatry care in the form of specialist consultations. For its clients, the Hospital offers also social care consultations and spiritual care, which is available throughout the Hospital. Non-stop care is provided by qualified nurses in cooperation with other nursing staff and physiotherapists. The department has one physician who works part-time.

**Target group:** Includes patients after acute diseases requiring long-term convalescence, whether due to the reason of underlying diseases, multimorbidity and/or age, often following proximal femur fracture, pelvis or vertebral fractures, complicated fractures of the arm or leg (approx. 30%), immobilization syndrome after acute disease, such as cardiac disease, COPD, Parkinson's disease, and so on (30%). More than 10% of patients were admitted for musculoskeletal pain caused by degenerative changes, and around 10% for CVA.

The NCB closely cooperates with the Hospital's other departments, which are focused on the provision of acute care to adult patients, and with other healthcare facilities in Prague (most frequently Central Military Hospital in Prague – Střešovice).

To date, no publication or lecture activities have been performed.

Chief physician of the Department: Dr. P. Marková

Head Nurse: K. Saipová

## DEPARTMENT OF REHABILITATION

Number of beds	36
Number of hospitalized patients in the year 2007	680
Number of outpatients in the year 2007	2,940

**Outpatient unit** provides therapeutic rehabilitation for patients from all over Prague. This applies to patients with spine pain, patients after injuries, patients with joint disorders and other neurological and orthopedic disorders. We use the most advanced technologies of musculoskeletal medicine, therapeutic exercise and ergotherapy. We are equipped with modern physiotherapy devices.

**Inpatient ward** provides intensive rehabilitation therapy to patients with mobility disorders following stabilization of the acute condition (early rehabilitation). This applies mainly to patients with disorders of the neural system, post-traumatic injury of the musculoskeletal system, joint replacement implants, amputation of extremities, or spine pain. The hospitalization usually takes 2 to 3 weeks. The patient must be able to manage an intensive day-long rehabilitation program and have a perspective of improvement of his/her condition before he/she can be discharged to home care. Physiotherapists and ergotherapists perform and arrange for patients to have individual and group therapeutic exercise, tests, exercise on machines, ergotherapy, training of common daily activities with supportive devices, and physiotherapy. We cooperate closely with the Orthopedic Prosthetics Center.

We also ensure rehabilitation treatment at other inpatient departments of the Hospital, which is focused mainly on mobility treatment and training of self-sufficiency in common daily activities.

Hospitalization is fully covered by the health insurance scheme. Some procedures may be paid for if the limit of procedures is exceeded.

**Procedures:** A total of 69,672 procedures were performed by physiotherapists and 5,018 procedures by ergotherapists. In total, the physicians performed 1,876 procedures of musculoskeletal medicine.

### **Research activities and education:**

The Department of Rehabilitation, as an accredited facility, provides pre-specialty training for physicians in the specialty "Rehabilitation and Physical Medicine". In addition, training is also provided to general practitioners. In

cooperation with medical faculties, students in the bachelor study of physiotherapy and ergotherapy receive practical training at the Department.

Lecture activities:

2 lectures at the 12<sup>th</sup> Congress of the Society of Rehabilitation and Physical Medicine in Luhačovice; 13 to 14 April 2007:

J. Papoušek, J. Straková: Rehabilitation treatment of proximal femur fractures

T. Burgrová, M. Herková, L. Mizeráková: Rehabilitation following amputation of the lower extremity

1 lecture at the seminar in the Kladno Hospital on 23 November 2007:

M. Racková, L. Mizeráková: Ergotherapy following injury to the arm and hand.

### **Outpatient Neurology Office:**

We perform examination and evaluations of outpatient clients and provide specialist consultations and examinations for inpatient departments of the Hospital. The Outpatient Neurology Office uses EEG and EMG scans and computational tomography (CT scan) in cooperation with the Radiodiagnostic Department.

Eliška Patová, MD started at the position of chief physician of the Outpatient Neurology Office in December 2007.



## SPIRITUAL CARE

### **About the congregation**

The Congregation of the Sisters of Mercy of St. Borromeo was established in the French city of Nancy in the year 1652. Since the very beginning, the main mission of the Congregation has been care for patients, elderly and sufferers in the name of Merciful Love. The Congregation reached Prague in the year 1837 based on an invitation from Mr. Alois Klár, founder of the Institute for Blind. On 14 August 1842, the Sisters bought two smaller houses with a garden in Petřín Hill under the Strahov Monastery. They established their first Motherhouse with six beds for patients. Over the years, the whole complex of hospital buildings and church was created through many re-buildings, renovations, and adjustments, often at the expense of personal efforts and privations.

### **Spiritual Service in the Hospital**

In addition to healthcare services, we offer the opportunity to obtain spiritual enrichment, since the St. Borromeo Church is located in the close vicinity of the Hospital, where we celebrate Mass every day.

### **Program of Masses in the Church:**

Monday to Friday 05:30 AM and 03:00 PM (during holidays, Mass is held only at 03:00 PM on Mondays and Thursdays). Saturday at 07:45 AM  
Sunday at 10:00 AM

Mass is also transmitted to the Hospital rooms by radio. If a patient is interested, he/she may ask the hospital staff for headphones.

The church chancel on the second floor (at the end of the Department of Internal Medicine I3) is accessible at any time. The chancel on the first floor (at the end of the Department of Rehabilitation) is accessible only during Mass. Patients have a daily opportunity to receive the sacrament of reconciliation, anointing of the sick, and Holy Communion. The church administrator visits the patients during the following hours:

Monday to Friday 01:00 PM to 03:00 PM  
Saturday 09:00 AM to 11:00 AM  
Sunday 09:00 AM to 10:00 AM

In case of need, the church administrator will come at any time. More information is available to patients from the attending personnel.

## GRANTS AND PRESENTATIONS

The Office for Grants and Presentation Activities processed a total of 36 applications for donations and subsidies in the year 2007. Of these 23 applications were successful, which means the required amount was received in full or in part. In total over CZK 5,100,000 was granted. In addition to the Pediatric and Adolescent Detox Center, projects for the Department of Rehabilitation were also successful, and nursery care beds were also supported. Significant appreciation is owed to those individual departments and wards of our Hospital that joined the project aimed at obtaining support in the form of small donations.

### **Personnel issues:**

In the last year, the personnel of the Office of Grants and Presentations changed completely. A new employee, Martin Hofr, BSc started at the Office in December 2007.

### **List of events in the year 2007:**

- |                  |  |
|------------------|--|
| 11 February 2007 | - Patients' Day – visit of the Prague Bishop, Mr. Herbst                     |
| 15 February 2007 | - Benefit concert – Acknowledgement to donors and supporters of the Hospital |
| 26 May 2007      | - Meeting of Christian healthcare providers                                  |
| 10 June 2007     | - Children's Day   |
| 4 October 2007   | - Benefit concert – "Mercy is Joy and Love"                                  |
| 14 October 2007  | - Kite Flying for children and parents                                       |
| 6 November 2007  | - Celebration of the St. Charles Borromeo Day – a Mass with Cardinal Vlk     |

## SPONSORS AND DONORS

Zentiva a.s. Prague 10, EURO AWK s.r.o., Kompas Praha, cest. kancelář, s.r.o, KOMWAG, podnik čistoty a údržby města, a.s., Congregation of the Sisters of Mercy of St. Borromeo, Notservis s.r.o., Benešov (Jan Šešina), Roman Catholic Parish of St. Margaret Church, Schering Plough, Tambor s.r.o., Taures a.s, Alena Levá Agentura Cantus, Archdiocese Charity Prague, Audit plus s.r.o., B. Braun Medical, Baxter s.r.o, Berlin-Chemie a.s., Bivoj a.s., BURKO s.r.o., Calypso Prague s.r.o., Work of Mary (the Focolare Movement), Dokořán - Publishing House, Church Administration of St. Adalbert Church, Eva Doležalová, GlaxoSmithKline s.r.o., Hurnik Ilja, Hypokramed, Isolit- Bravo, City quarter Prague 1, MGA GREIF s.r.o., Zlatá Praha Foundation, PFIZER SPOL s.r.o., Roman Catholic Parish, Prague 4, Roman Catholic Parish Domašín, Roman Catholic Parish of St. Mary of the Snows, Roman Catholic Parish RADOSOVICE, Roman Catholic Parish of St. Wenceslas, Roman Catholic Parish of Veliš u Vlašimi, Roman Catholic Parish Vlašim, Roman Catholic Parish of All Saints, Roman Catholic Parish Benešov, Roman Catholic Parish of the Holy Trinity, Roman Catholic Parish Sedlčany, Roman Catholic Parish Strašnice, Roman Catholic Parish of St. Agnes, Roman Catholic Parish of St. Theresa, Tetur Vladimír - wine industry, T-studio, Tintěra Vladimír, MSc, TV NOVA, Embassy of the FRG, Prague, the Capital City, Government Office, Ministry of Health, Dobré Dílo Foundation, City Quarter Prague 1, City Quarter Prague 6, Johnson & Johnson, Karel Cadan, MSc, Staufferová Miroslava, Bergmann, Blažek Jaroslav, Čermák Family, Dostál Stanislav, E. Vojáková, Hněvkovská Eva, Hůlka Ladislav, J. Hrubá 3000, Jiří Petlan, Jiřina Bultasová, Komersová Jarmila, Landa Luis, Malý Lukáš, Mr. and Ms. Bím, Bártová Radmila, MSc, Mrázek Jiří, Michaličková Marcela, MD, Nápravníková Klára, Paříková Marie, Father Ludvík Tichý, Pech Pavel, Ms. Irena Valentová, Taťána Gaydiczová, Traplová Jana, Úvoz spol. s.r.o., Z. Fikarová, Zemanová Marie, Meisner E, Aschenbrenner Mart, Barbora Nosková, Bartušáková Jana, Beranová Danuše, Bohumil Arnošt, Brezoňáková Dana, Březík Vladimír, Čížková Emílie, D. Lázecká, Eichlerová Libuše, Eva Friedrichová, Eva Havlová, F. Ubr, Fähnrich Jaromír, Fatěnová Marta, Fraňková Marie, Guhová Věra, Hájek Miloš, Hejdová Eva, Hesko Branislav, Hofman František, Jan Hanus, MSc, Josef Pošta, MSc, Milan Janda, MSc, Moural Václav, MSc, Neumanová Gabriela, MSc, Pavel Wellner, MSc, Říha Pavel, MSc, Slach J., MSc, Arnošt Pryn, MSc, B.Husák, MSc, Burešová Vladimíra, MSc, Jaromír Zapletal, MSc, Ondráčková Irena, MSc, Trepka Stanislav, MSc, J.Linderová, J.Mrzena, J.Vacík, Jan Trojan, Jana Brezoňáková, Jana Hausdorfová, Jaromír Zajíček, Jílková Jaroslava, Jindrová Jana, Jiří Sedláček, Jiskrová Eva, Hana Stavařová, JD, Klein Radoslav, JD, Julius Pouchlý, Karla Danielová, Kučerová, Kletečková Marie,

Kocourek Rostislav, Kořínek Jaromír, Kořínek Václav, Kourková Libuše, Králová Vlasta, Kramperová Jaroslava, Kratochvílová, Kuna Karel, Kušnírová Ivana, Kyselová Růžena, Lahovský Tomáš, Langhammer Pavel, MSc, Ledvina Fr., Ludmila Motalová, M.Zelenka, Máchová Zdeňka, Malík Milan, Malý Lukáš, Martínková Iva, Mašindová Irena, Meisner Emil, Ivo Letov, MSc, Mikeš Otakar, Mr. Brian Suttill, Mrázek Jiří, Thoř J., MD, Navrátilová Miroslava, Olga Jirásková, Olmer Miroslav, Otta Bednářová, Mr. Jiří Rubín, Mr. Marek, Pavlík Jan, Pechová Anna, Pejchotová Věra, Ms. Friedlaenderová, Ms. Gaydiczová, Ms. Kletečková, Ms. Němečková, Ms. Tesárková, Ms. V. Vojtěchová, Ms. Vitoušová, Pilík Karel, Plocková Hana, Popovičová 300, Pourová Marie, Procházka Vladimír, Mr. Sluka, Salvet Václav, MSc, Řípa Jaroslav, Slach Jiří, Sliška Petr, Smejkalová Hana, Štránská Růžena, Šarmanová Ludmila, Šebková Lubomíra, Šimečková Olga, Švejda Jan, Tauberová Marta, MSc, Uhlíř Miloš, Vacík Jaroslav, Václav Jonák, Václav Neznámý, Václav Výborný, Válka Josef, Vávra Bohumil, Veselý Jaroslav, Vítoušová Anna, Vladimír Pajer, Vlach Pavel, Votlučka Marek, Výborný Václav, Výrostková Michaela, Waigner Vladimír, Z. Tubla, Zdenka Šindelářová, Zvoníčková Anna

## PERSONAL DATA

### Number of employees from January to December 2007

Category of employees	Number, physical	Number, recalculated	Number at the end of period
Physicians	57.57	47.28	46.70
Pharmacists	3.0	2.17	2.00
Other specialists, university graduates	5.93	4.16	3.90
Other specialists, college graduates	3.00	3.00	3.00
Nurses (SZP)	217.11	182.79	176.91
Non-physician healthcare professionals (NZP)	7.49	6.15	5.25
Nursing auxiliaries (PZP)	26.92	24.56	21.13
Engineering/Economic Staff (THP)	35.57	34.32	32.40
Workers and operational staff	30.09	28.13	28.70
Others			
<b>Total</b>	<b>386.68</b>	<b>332.55</b>	<b>319.99</b>

### Inpatient wards in the year 2007

Name of Department	Number of treatment days	Number of hospitalizations	Bed occupancy (%)	Mean treatment time
Internal Medicine	23,336	2,558	79.8	11
Surgery	11,468	2,128	79.3	6.5
A & R	1,595	169	89.1	9.6
Rehabilitation	9,552	680	77.6	14
PADC	2,252	263	49.2	8.5
Nursing Beds	4,819	130	70.7	38.6
<b>the Hospital (NMSKB)</b>	<b>53,022</b>	<b>5,928</b>	<b>x</b>	

## ECONOMIC DATA

### Balance Sheet

<i>(in thousand CZK)</i>	<i>as of 31 DEC 2006</i>	<i>as of 31 DEC 2005</i>
<b>TOTAL ASSETS</b>	<b>104 966</b>	<b>129 500</b>
<b>Fixed assets, total</b>	<b>38 301</b>	<b>40 500</b>
Long-term intangible assets	7 601	7 400
Accumulated amortization, intangible fixed assets	7 095	7 300
Long-term tangible assets	136 279	137 000
Accumulated depreciation, tangible fixed assets	98 484	96 900
<b>Non-fixed assets, total</b>	<b>66 665</b>	<b>88 900</b>
Inventory	5 780	5 300
Trade receivables	27 861	18 700
Deposits given	149	100
Other receivables	80	100
Financial assets	36 126	64 600
Temporary accounts of assets	-1 985	1 300
<b>TOTAL LIABILITIES</b>	<b>104 966</b>	<b>129 500</b>
<b>Own capital</b>	<b>66 302</b>	<b>91 100</b>
Property reserves	0	0
Financial reserves	0	0
Net income including loss for previous years	-11 259	-15 200
<b>Borrowed capital</b>	<b>38 664</b>	<b>38 300</b>
Long-term accounts payable	0	0
Short-term accounts payable	36 229	37 900
Temporary accounts of liabilities	2 435	400

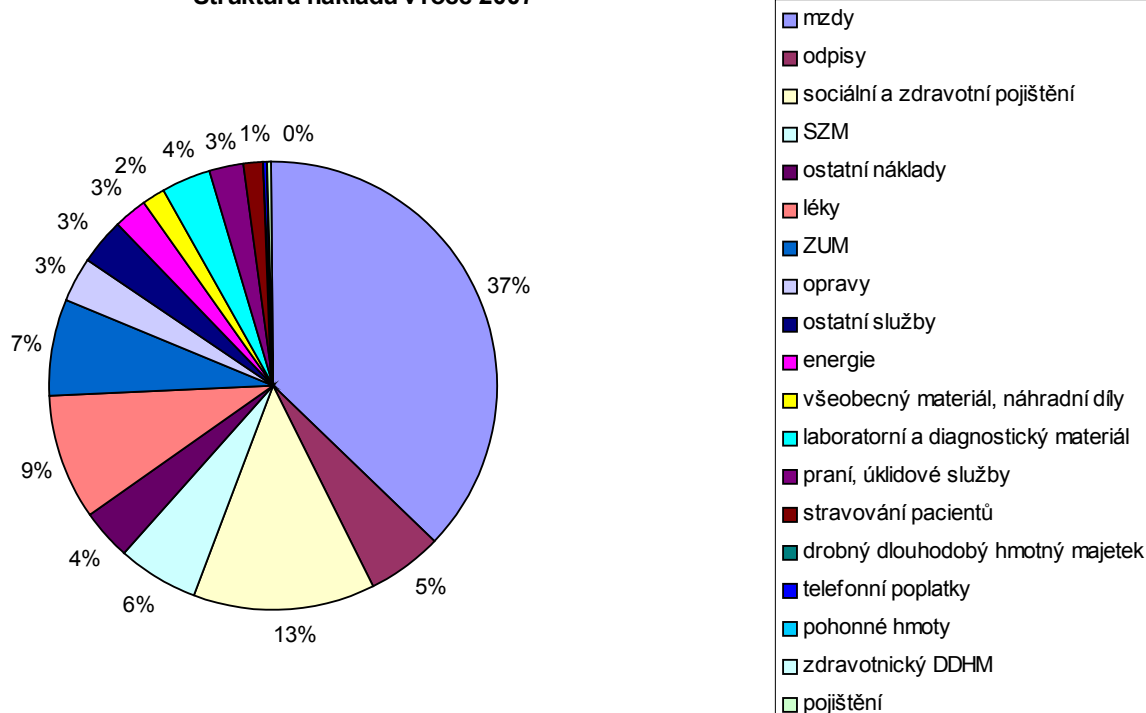
### Profit and Loss Statement

<i>(in thousand CZK)</i>	<i>as of 31 DEC 2006</i>	<i>as of 31 DEC 2005</i>
Material consumption / Consumed material	62 169	69 400
Energy consumption / Utilities expenses	5 087	5 800
Services	21 862	21 700
Personnel expenses	98 903	114 100
Taxes, charges, insurance premiums, interests	328	100
Amortization of intangible and depreciation of tangible fixed assets	11 119	11 500
Other expenses	6 113	3 500
<b>TOTAL EXPENSES</b>	<b>205 581</b>	<b>226 500</b>
<i>(in thousand CZK)</i>	<i>Year 2006</i>	<i>Year 2005</i>
Revenues from services	214 458	236 600
Other revenues	3824	5 600
Operational subsidies and gifts	11 497	9 400
Revenues from sales of assets and materials	253	100
<b>TOTAL REVENUES</b>	<b>230 032</b>	<b>251 600</b>
<b>NET INCOME for the fiscal period</b>	<b>24 451</b>	<b>25 100</b>

## Structure of expenses

year 2006      %      year 2007      %

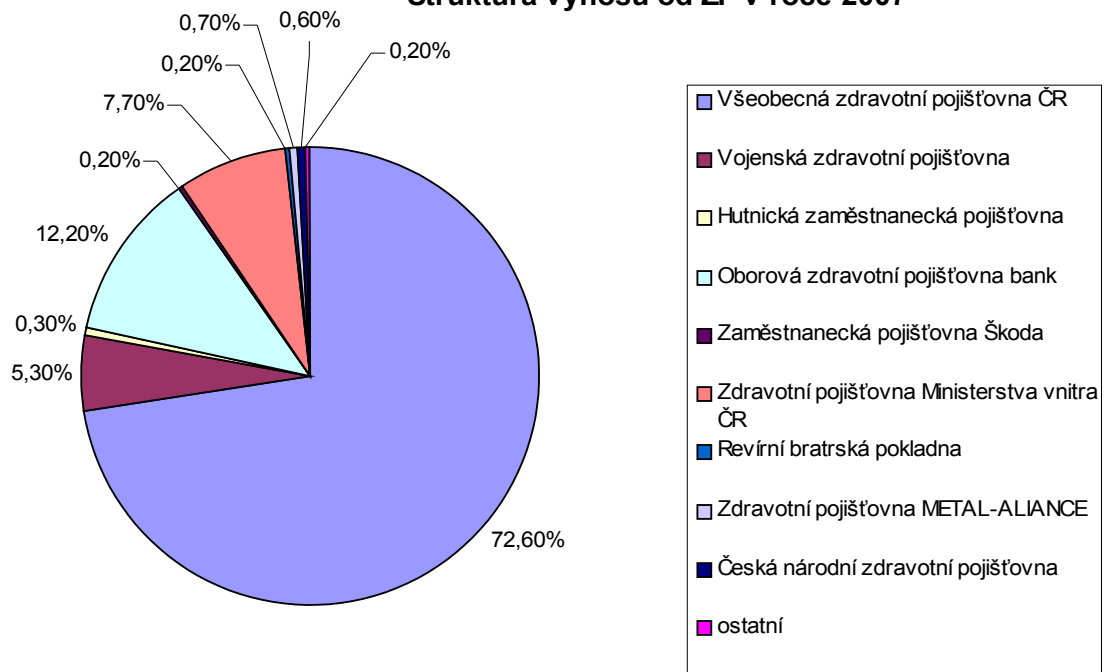
Struktura nákladů v roce 2007



## Structure of earnings from Health insurance companies

Name of the health insurance company	year 2006		year 2007	
	ts	%	points	%
Všeobecná zdravotní pojišťovna ČR	121 285 042	76,80%	119 719 367	72,60
Vojenská zdravotní pojišťovna	7 856 728	5,00%	8 730 216	5,30
Hutnická zaměstnanecká pojišťovna	194 783	0,10%	535 825	0,30
Oborová zdravotní pojišťovna bank	14 440 495	9,10%	20 113 566	12,20
Zaměstnanecká pojišťovna Škoda	257 686	0,20%	195 237	0,20
Zdravotní pojišťovna Ministerstva vnitra ČR	11 206 302	7,10%	12 743 322	7,70
Revírní bratrská pokladna	111 768	0,10%	254 081	0,20
Zdravotní pojišťovna METAL-ALIANCE	1 159 197	0,70%	1 172 022	0,70
Česká národní zdravotní pojišťovna	1036722	0,70%	945 291	0,60
Others	470 253	0,30%	406 028	0,20
<b>TOTAL</b>	<b>158 018 976</b>	<b>100,00%</b>	<b>164 814 955</b>	<b>100,00</b>

**Struktura výnosů od ZP v roce 2007**



## Independent Auditor Statement

I have examined the Annual Financial Statement for the year 2007 in accordance with the Act on Auditors and International Auditor Standards and related application clauses of the Chamber of Auditors of the Czech Republic.

Based on the examination of accuracy of the Annual Financial Statement, I reached the following conclusion:

The Annual Financial Statement which I examined was made based on the book-keeping maintained in accordance with the applicable Czech legislation and corresponds to the data entered in the book-keeping records.

In my opinion, the Financial Statement truly reflects the assets, obligations, capital stock, and financial situation of the Sisters of Mercy of St. Borromeo Hospital in Prague and results of its economic activities in the fiscal year 2007 in accordance with the Act on Book-Keeping and relevant legislation of the Czech Republic.

Therefore I grant

**“Statement without reservations”**

Date of issuance of this report: 30 June 2008

*Stamp:*  
Auditing-Dykast s.r.o.  
Commission No. 357  
KA CR (Chamber of Auditors of the Czech Republic)

*Stamp:*  
Auditing-Dykast s.r.o.  
Commission No. 357  
KA CR (Chamber of Auditors of the Czech Republic)

*Signature illegible*  
Jaroslav Dykast, MSc, auditor  
commission No. 1038

*Signature illegible*  
AUDITING-Dykast s.r.o.  
Commission No. 357  
Myslivočková 875, Šestajovice  
Praha Východ

The report was submitted and reviewed on 30 June 2008

The report was received in duplicate by: *signature illegible*