

PALACKÝ UNIVERSITY
FACULTY OF MEDICINE
OLOMOUC
CZECH REPUBLIC

**NURSING LEARNING RESOURCE
CENTER**



OŠETŘOVATELSKÉ
INFORMAČNÍ A ŠKOLÍCÍ STŘEDISKO

A. I. H. A.



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NURSING RESOURCE CENTER

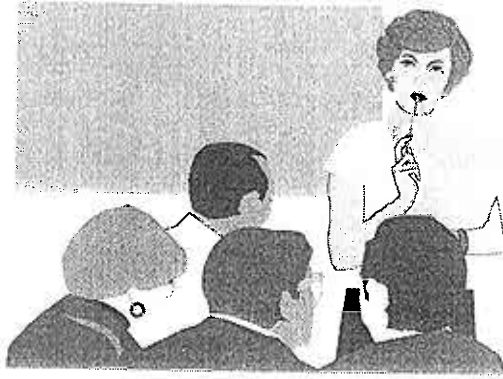
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ST.PETERSBURG 2001



Why do we consider the Foundation of NLRC important and desirable.

What are NLRC goals and visions?

The quality of nursing care, which would be adequate to the 21st century, requires fundamental changes even in the Czech Republic. To be able to do it we should know which changes should take place. We should know how to do it, why to do it, who can do it and why should it be done. Therefore we need education and information.

Transformation in the area of nursing care in the Czech Republic is closely connected with education – new learning programs have been created, new modern nursing care textbooks have been published. The amount of information is increasing. Therefore information should be classified, evaluated and made accessible. All these activities are easier where all information is gathered in one place.

Qualitative changes in education and practice cause high demands on teachers. Therefore teachers, as well as nurses and students, need complex information service.

The number of nurses with university degree has been continuously and systematically increasing. Their work requires free access to up-to-dated information.

Not all nurses will be able to have a university degree, nevertheless, their main duty remains self-education throughout their whole life. NLRC serves this cause.

To be able to reach the high standards of the EU and be recognised as an equal partner on an international level, we should not only share and maintain our skills and knowledge but also apply and innovate them.

Nursing care in the Czech Republic must be based on up-to-dated scientific medical knowledge therefore we need access to international information databases.

History of NLRC

The NLRC was founded as a part of the Institute of Theory and Practice of Nursing - Palacky University Faculty of Medicine in Olomouc, with generous help of

USAID

AIHA

Virginia Commonwealth University Richmond.

**The NLRC
was opened on 24 September 1998.**

The NLRC was opened to public on 1st March 1999.

The NLRC is a unique institution in the Czech Republic.

The NLRC is designated not only for students but also for all professionals working in the field of nursing care.

NLRC possesses modern technological devices and information resources:

- It enables individual studies of specialized books and journals.
- Specialized video programs are available there.
- There is free access to a computer and Internet.
- Photocopies can be made there.
- Literature searches can be ordered there.
- It serves as a study room.
- Under certain conditions the visitors can gain access to a specialized classroom equipped with modern devices.
- Special consultations and advisory services can be provided for visitors by staff of the Institute of Theory and Practice of Nursing.
- NLRC together with the Institute of Theory and Practice of Nursing organizes courses and seminars for nurses and teachers from secondary nursing schools.

Basic Rules for the Public:

Admission and registration are free.

Every visitor can ask for a registration form or put his/her name in the book of visitors.

The staff of the center is supposed to show the visitor round and provide information concerning the desired topic. (The staff consists of nurses with a university degree.)

Everybody can study here, watch video programs, work on a PC.

It is possible to time the services which cannot be provided immediately e.g. consultations and literature searches.

The staff keeps files of visitors, problems studied and required services for statistic evaluation.

All books, journals and devices are available only in the center.

Free Services:

- **Access to books and journals.**
- **Watching video programs.**
- **Photocopying (only for the texts studied in NLRC, 10 copies free)**
- **Scanning (only for the texts studied in NLRC - now service).**

Services for Fee: (price list is available in the NLRC)

- **Literature searches (by arrangement) .**
- **Photocopying (more than 10 copies).**
- **Bookbinding.**
- **Consultations provided by teachers from the Institute of Theory and Practice of Nursing.**
- **Pre-arranged lectures and seminars.**
- **Training courses for nurses (computer skills and Internet competences)**

Information Resources in NLRC

Table 1: Collections and equipment in NLRC

<i>Publications:</i>	<i>Number:</i>
Books, monographs	538
Journals	25
Videocassettes	68
Theses (Master's Degree)	32
Theses (Bachelor's Degree)	205
Essays written by students	157
PC / Internet access	1
Copier	1
Scanner	1

Table 2: Literature

Who gave books to NLRC?
1. Institute of Theory and Practice of Nursing.(from economic activities)
2. AIHA
3. LRC of Palacky University Faculty of Medicine
4. Private donors, Project Hope

PC, Internet:

Available biomedical databases: **Healthstar, Medline (OVID, DIALOG), Web of Science, SCIEDIRECT, Cochrane Library, Proquest Medical Library, EBSCOMed, BIOSIS**

Table 3: The most frequently used sites:

PC and Internet	
1) Search engines:	
http:// www.seznam.cz www.atlas.cz www.redbox.cz www.google.cz www.google.sk www.doodv.com.	List
http:// www.altavista.com	Altavista (US hospitals)
http:// www.yahoo.com	Yahoo (jahoo-nursing)
http:// www.medical.cz	Medical Information Server
http:// www.rebeka.cz	Internet resources in Czech for nurses and doctors...
http:// www.osetrovatelstvi.cz	Czech nursing resources

2) National and International Institutions	
2.1. Czech:	
http:// www.mzcr.cz	Czech Ministry of Healthcare
http:// www.idvpz.cz	Institute for Life-long Education in Healthcare, Brno, CR
2.2. International:	
http:// www.who.int	WHO
http:// www.europa.eu.int/index.htm	EU
http:// www.nursingsociety.org.	Sigma Theta Tau

3) Nursing and Medical Institutions:	
3.1. National:	
http:// www.clk.cz	
http:// www.clsjep.cz	
3.2. International:	
http://icn.ch.	ICN (International Council of Nurses)

4) Professional information, studies, journals:	
Http://www.ncbi.nlm.nih.gov/PubMed	Medline, USA
http://www.clsjep.cz	Journal published by Czech Medical Society
Http:// www.mediweb.cz	Strategie Praha, Zdravotnické noviny, Sestra, Postgraduální medicína (Czech journals)

Survey of NLRC Services

provided since March 1999 until June 2001

✕ **Table 4: Visitors**

Categories:	Number:
Medical students (Bachelor's Degree)	897
Pedagogical Faculty students	132
Students of Secondary and Higher Schools for Nurses	85
Nurses	265
Others	113
Total number of visitors	1492

✕ **Table 5: NLRC Services**

Types of Services:	Number:
Reference reading	1492
Consultations	82
Photocopying	4192
Bookbinding	53
Literature searches	19

✕ **Table 6: Purpose and Topics of Consultations**

1. Preparation for final exams
• Students of bachelor's nursing program
• Pedagogical Faculty students (future nursing care teachers)
• Students of the Institute for life-long Education in Healthcare
2. Nursing care for patients with AML, DM, rectal adenocarcinoma et.
3. Nursing care research

Table 7: Medical Information Searches / Topics

1. Obesity (2)
2. Burn-out Syndrome
3. Nursing Care in Primary Healthcare
4. Pain in Neonates
5. Ethical Climate in Healthcare Settings
6. Professional Diseases of Teachers
7. History of Nursing Care
8. Heart Disease – Risk Factors of Gypsy Minority
9. Communication in Healthcar System
10. Body limitation
11. Communication in nursing
12. Malpractice
13. Stoma
14. Nurses and smoking
15. Haemodialysis
16. Nursing policy
17. Medical clothes as communication means
18. Apalic syndrome

Table : Favourite Resources and Fields of Interest (1 = highest ranking)

Type:	Ranking:
Theses	1.
Clinical Cases	2.
Clinical Nursing Care	3.
Nursing Process	4.
Educational Resources	5.
Medical Literature	6.
Psychology, Communication	7.
Pedagogy	8.
Management	9.
Methodology and Statistics	10.

Information about Courses for Nurses

Courses for Nurses have been organised since 1996

Topics:

- Nursing Care Methodology - Nursing Process
- Basic Nursing Management
- Contemporary Diagnosis and Treatment of Diabetes Mellitus



Basic Rules for Organisation of Courses:

- Lectures last four days.
- The total amount of lectures – 40 lessons (10 lessons per day). Individual program at least 10 hours.
- Participants are given a Course Certificate.

Course:

Nursing Care Methodology – Nursing Care Process

It has been taking place since 1996. There have already been **8 courses** with the same topic.

Audience = **220 nurses**.

List of topics in the course:

- Paradigms and Critical Thinking in Nursing Care.
- Philosophical Problems of Nursing Care.
- Human Needs Theory in Nursing Care and Its Meaning.
- Image of a Nurse.
- Nursing Care Process in General – Meaning Phases.
- Nursing Anamnesis according to Gordon.
- Nursing Diagnostics – Specifics, Algorithms.
- Creating of Nursing Diagnoses (NANDA System, Pocket Guide, Ethics of Diagnostics).
- Nursing Care Planning – Structure of the Nursing Plan.
- Realisation of Nursing Care - Day Record of Nursing Care.
- Evaluation of Nursing Care.

- Planned Discharge of Patients.
- Basic Sociology for Nurses.
- Co-ordinated Nursing Care.
- Nursing Care Quality – Nursing Care Standards, Maps...
- Nursing Care as an Interdisciplinary Science.

Course: Nursing Management

It has been taking place since 1998. There have been **5 courses, 121 participants.**

Topics:

- Introduction to Management – Definition, Function of Management, Rank, Skills, Systematic Approach.
- Critical Thinking, Paradigms in Management of Nursing Care.
- Information in Management – Theory and Methods of Obtaining Information, Classification and Compiling of Information, Information Analysis, Knowledge Management.
- Planning – Meaning, Types, Planning according to Goals, Strategic Planning...
- Organising – Vertical, Horizontal.
- Management of Changes.
- Co-ordinated Nursing Care and its Devices.
- Personal Management – Tasks, Job Creating, Teamwork, Motivation, Education in the Organisation.
- Communicative Strategy and Tactics in Management, Preparation for Meetings...
- Management: Power, Delegation of Power, Styles of Management.
- Management of Time.
- Management of Risk Factors.
- Management of Quality, Continuous Quality Enhancement, Assessment and Check-up of Managerial Functions.

Course: Basis of Modern Diagnosis and Treatment of Diabetes.

Nursing Care and Education of Patients

It has been taking place since 2000. There have been **2 courses, 47 participants.**

Topics:

- Definition and Classification. Etiopathogenesis, Classification and Occurrence of Diabetes Mellitus.
- Diabetes Mellitus Type 1, Substitutive Treatment with Insulin.
- Diabetes Mellitus Type 2, Complementary Treatment with Insulin, Peroral Antidiabetic Drugs.
- Acute and Late Diabetes Complications.
- Insulin Preparations, Dosing Machines, Pumps – Their Use.
- Diabetic Diet.
- Physical Strain and Diabetes.
- Checking of Compensation of Diabetes, Selfmonitoring, Glucometers, Computer Programs, PC Link and In Touch.
- Pregnancy and Diabetes.
- Treatment of Diabetes in Connection with Surgery.
- Modern Nursing Care Principles. Professional Education of Patient. Treatment Plan for Diabetes.
- Lectures, Seminars, Excursions.

Seminar for Nurses:

11.12. 2000: **Religious Sects** (introduction to problems) / 6 lessons
56 participants,
Lector: J.Hynek (YMCA Olomouc)

Financial Resources of NLRC:

- *Institute of Theory and Practice of Nursing*
- *Charged services – courses for nurses.*
- LRC of Palacky University Medical Faculty (literature)
- Other paid NLRC services
- Sponsors – equipment, information materials and journals.
- Private donors – long-time loans of special books and journals.

Basic Problems of NLRC

- NLRC funding
- Personnel management of NLRC
 - lack of funds for qualified staff
(part-time job for one person)

NLRC Perspectives and Challenges

- Recruitment of further staff with adequate qualifications and competences
(Nursing Officer + knowledge of English, PC and Internet skills + ability to acquire new knowledge in the sphere of biomedical librarianship).
- Additional fund-raising (grant proposal applications)
- Maintenance of book collection
- Extending subscription to nursing journals
- Patient education, consumer nursing information
- Closer cooperation with LRC of Palacky University Medical Faculty and Teaching Hospital Department of Information Systems

NLRC Staff:

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Mgr., Bc. Pavla Holešinská

NLRC information specialist

Since September 2001 two student volunteers

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