

E-medica@medskolazd.hr
<http://www.E-medica.hr>

E - medica



CONNECTING MEDICAL SCHOOLS OF REPUBLIC OF CROATIA

Edin Kadić, professor mentor - Zadar

Sanja Roje, master of pharmacology - Split

Ivana Paulin, prof. of informatics - Zagreb

Josip Brusić, dr. of stomatology - Rijeka

Josip Šuker, prof. of informatics - Vinkovci

Pilot Project

CARNET



NEEDS & REASONS:

- **Development of society and ICT:**
 - Speed and need of informatics literacy (ECDL)
 - European and World experience and goals
 - Health Care and ICT
 - Lifelong education
- **Education system and ICT:**
 - **Medical schools** - 1,5 hour of informatics in 1 school year
 - **Professional Needs**
 - **Schools progressing (ECDL)**
 - **Exchange of positive experiences**
 - **Higher quality of teaching and more active student**
 - **Needs for creating School Network for Republic of Croatia**
 - **E - learning**

NO BOUNDARY FOR KNOWLEDGE



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Medical High School Ante Kuzmanic

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NO BOUNDARY FOR KNOWLEDGE



FOUR PARTS OF PROJECT:

1. Students exchange
2. Creation of common WEB sites

3.

4.

Dobrodošli na edukacijske stranice Zdravstvene šole Ljubljana i Medicinske škole A. Kuzmanića Z - Microsoft Int...

Datoteka Uređivanje Prikaz Favoriti Alati Pomoć

Nazad Pretraži Favoriti Medij

Adresa <http://ljublana.medskolazd.hr/>

ZDRAVSTVENE EDUKACIJSKE STRANICE
Zajednički rad učenika i nastavnika
Medicinske škole Ante Kuzmanića
Zadar
i
Srednje Zdravstvene škole
Ljubljana

EDUKATIVNE ZDRAVSTVENE STRANI
Skupno delo dijakov in profesorjev
Srednje Zdravstvene šole
Ljubljana
in
Medicinske škole Ante Kuzmanića
Zadar

MEDICAL EDUCATION WEB PAGES
Works of students and teacher of
Medical High School Ljubljana
and
Medicinal High school
Ante Kuzmanića
Zadar





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Microsoft Innovative Teachers Forum London (29.-30. travnja 2004.)



BBC

Guardian

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Experiences of Medical School A. Kuzmanic

- **RivaOn – Educational portal of Zadar County Secondary Schools** (www.rivaon.com)

- **Equipment of school**

- **Realizations of school net** (100 MB optical link)

- **Education of teachers** (92%)

- **XP (HR)**

- **3 (HR)**

- **for Power Point**

- **onal applications and equipment**

- **ICT in education**

- **ted standardization of school equipment**

- **that stimulate**



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THE BEGINNING:



- October 2005. – **Initial meeting** (Medical School A. Kuzmanic Zadar)
- November 2005. – **project accepted all 26 principals on meeting of Medical Schools principals Association of Republic of Croatia**
- January 2006. – **Meeting of coordinators from all Medical schools of Republic of Croatia included in project**
- March 2006. – **1st meeting of leaders of project teams and coordinators from all Medical schools of Republic of Croatia**
- June 2006. – **Pilot project of CARNET**
- November 2006. – **1st phase of pilot project finished successfully**

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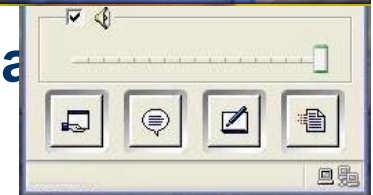
FOUNDATION OF PROJECT:

- **Linking of Medical Schools of Republic of Croatia**

- **Exchange of students and knowledge (mobility),**

- **Portal "E-medica" (<http://www.E-medica.hr>),**

- **Exchange of students (and**



mreže prihvatila "E-kreće u realizaciju i-konferencije!

re iz Zadra bile su u ici od 01. do 03. Bilo im je radno, ali i ni su iskazali svoju st. te u tekstu kojeg je , jedna od učenica, ajene... kori uzvratni posjet i svi se nadaju malo a možda i kupanju!

enika kroz projekt "E-enzivno se nastavlja. iru 2. razmjene učenika 2006. u posjet školi u Splitu došli



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ORGANIZATION AND SUPPORT

- 26 Medical Schools Republic of Croatia (24)
- Medical School Ante Kuzmanic Zadar
- Project manager: **Edin Kadić**, professor mentor of Croatian language, **Zadar**
- Leaders of project teams:
 - **Sanja Roje**, master of pharmacy, **Split**
 - **Ivana Paulin**, professor of informatics, **Zagreb**
 - **Josip Brusić**, doctor of stomatology, **Rijeka**
 - **Josip Šuker**, professor of informatics, **Vinkovci**
- School coordinators and leaders of school projects (x 24)

Support:

- **Union of Medical Schools Republic of Croatia**
- **MZOS** (Ministry of science, education and sport)
- **CARNet**
- **Microsoft Croatia** (and partners)



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EDUCATION THROUGH PROJECT:

- **Leaders of project teams:**
 - Education in project leading
 - Making of E-learning contents
- **Coordinators (leaders of project) in each school:**
 - Use of video-communicational equipment,
 - Making of E-learning contents,
- **Leaders of vocational part of project in each school:**
 - Team leader education, teacher and student teams,
 - Use of video-communicational equipment,
 - Making of E-learning contents
- **Education of students through project teams.**

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PROJECT TEAM OF STUDENTS EXCHANGE

National team leader of students exchange:

Sanja Roje, master of pharmacy

Medical school Split
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Partner of project team leader:

Antonela Czwyk Marić, prof. of mathem. and informatics

Medical school Split
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THE PURPOSE OF STUDENTS EXCHANGE

- **Stimulation of creative co-operation of all subjects in medical schools Republic of Croatia for higher efficiency of using new IC technology, emphasizing vocational contents and so on.**
- **Personal education and self education of each student and teacher involved in project with comparison, giving and receiving knowledge, experiences as well as the ideas.**
- **Transmission of experience on your school environment and their stimulation for involving in the project.**



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ACTIVITIES IN THE PROJECT:

- **Exchange 3-7 students of the same vocation**
- **Accommodation in host student home 2-5 days**
- **Attending regular classes at host school**
- **Attending of vocational practice**
(hospital, pharmacy, spa, Institution for public health...)
- **Preparation for working on common projects**
- **All status activities reporting on “E-medica” portal**



REALISATION OF THE FIRST PHASE:



- **Participated 11 schools from 10 cities.**
- **10 working days through 6 educational courses.**
 - ✓ **Rijeka** – observation of national competition “Schola medica”
 - ✓ **Split** –visit to the largest school in Croatia (according to number of students)
 - ✓ **Virovitica - Zadar** – mutual visit of students and teachers that work on common projects (course: medical nurse-medical technician)
- **Included 60 students, 30 teachers and 8 school coordinators of “E-medica”**
- **Started 4 common projects**

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PROJECT TEAM FOR MAKING STUDENTS PROJECTS

National project teams leader:

Ivana Paulin, prof. of informatics

(School for midwives, Zagreb)
ivana.paulin@skolazapimalje.hr

Assistant of project teams leader:

Maja Budisavljević, head nurse

(Medical school Mlinarska, Zagreb)
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MAKING PROJECTS



- **Making vocational contents through co-operation of project teams (3-5 students) from different medical schools of Croatia.**
- **Microsoft Office applications are used in making project:**
 - Net meetings (Skype, Plycom, Net Meeting, Office Communicator)
 - E-mail
 - Video conferences
- **On E-medica portal, there are announced:**
 - All information's and documents of this part of “E-medica” project
 - Suggestions for new themes and the beginning of new projects realizations
 - Realization course of particular projects
 - Adjustment and announcement of finished projects



THE FIRST PHASE OF PROJECT:

1. IT WAS DONE:

- **BULIMIA I ANOREXY / can I recognize it and how to help?**
 - Medical school Bjelovar, Medical school Split, Medical school ŠibenikSc
- **FOOD GUIDE PYRAMID or Eating habits of medical school students in Republic of Croatia?**
 - Medical school Zadar, School for medical nurses Mlinarska, Technical school Virovitica
- **BIRD'S FLU IN VOGRALIKOV LINE**
 - Midwife school, Zagreb and Medical school Bjelovar
- **Reproductive Health**
 - Secondary school Pakrac, Midwife school Zagreb and Medical school Split

2. In realization:

- **School registration for future projects (themes on portal "E-medica")**
- **Registration of new projects according to suggestions of involved schools**
- **Beside vocational projects, some projects are being planned from:**
 - General-education subjects
 - Teachers projects
- **Preparations for education and creation of e-learning contents**

Da li je ovo uistinu " ideal ljepote"?



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PORTAL *E-medica*

Pilot Project

CARNET

Creator and a leader of project team:

Josip Brusić, doctor of stomatology

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Prijava škola

Upute, obrasci i pitanja

Natjecanja

Schola medica 2006



Škole

Medicinska škola Bjelovar

Medicinska škola Dubrovnik

Medicinska škola Karlovac

Medicinska škola Osijek

Medicinska škola Pula

Medicinska škola Šibenik

Medicinska škola u Rijeci

Medicinska škola Varaždin

Medicinska škola Zadar

Srednja medic. šk. Slavonski Brod

Srednja škola Bedekovčina

Vijesti

"E-medica" pilot-projekt CARNeta - 12. srpanj 2006



Hrvatska akademska istraživačka mreže prihvatila "E-medicu" kao pilot projekt, čime se kreće u realizaciju četvrtog segmenta projekta, video-konferencije!

3. RAZMJENA U VIROVITICI - 6. lipanj 2006



više...

Medicinske sestre iz Zadra bile su u gostima u Virovitici od 01. do 03. lipnja ove godine. Bilo im je radno, ali i predivno! Domaćini su iskazali svoju široku gostoljubivost.

Kako?! Pročitajte u tekstu kojeg je napisala Antonija, jedna od učenica, sudionica ove razmjene...

Očekuje se skoriji uzvratni posjet Virovitičanki Zadru i svi se nadaju malo boljem vremenu, pa možda i kupanju!

2. RAZMJENA U SPLITU - 2. lipanj 2006



Eto albumi (klikni i pogledaj)

Razmjene učenika kroz projekt "E-medica" intenzivno se nastavljaju. Tako su u okviru 2. razmjene učenika 31. svibnja 2006. u posjet Zdravstvenoj školi u Splitu došli učenici iz Vinkovaca, Pakraca, Šibenika i Zagreba. Njihov radni posjet trajat će do 03. lipnja 2006.

✕ Pišite nam!

Adresa e-pošte:

Ime i prezime:

Predmet:

Poruka:

Pošalji kopiju?

[Odustani](#) [Pošalji](#)



Korisni linkovi

MZOS

Zavod za školstvo RH

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Microsoft Hrvatska

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VIDEO CONFERENCES

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Josip Šuker, prof. of informatics - Vinkovci

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VIDEO CONFERENCES :

- Vocational video conferences
- Thematic conferences (a month)
- Presenters:
 - teachers from vocational schools
 - medical experts as guests
- General-education subjects (3rd phase)
- Simple handling
- Training with Polycom PVX



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VIDEO CONFERENCES:



- 1st phase: Tests
- Realization through pilot-project CARNet
- Support through National project HUSOŠ
- TCR classes: Zadar, Zagreb, Split, Rijeka, Dubrovnik
- The other schools can watch conferences through Internet
- Equipping:
 - ➔ 5 schools on Polycom 5000 and 7000
 - ➔ 25 Polycom PVX licenses
 - ➔ Optical connection(100MB)
 - ➔ CARNet support (TCR)



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