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Overview of the HEPMP project's goals and project implementation

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Project coordinator

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Strengthening Capacities for Higher Education of Pain Medicine in Western Balkan Countries (HEPMP)

Coordinator of the project is **School of Medicine, University of Belgrade**

- Project consortium are universities from PCs :
  - Faculty of Medicine, **University of Kragujevac** (Serbia),
  - Faculty of Medicine, **University of Banja Luka** (Bosnia and Herzegovina)
  - Faculty of Medicine, **University of Tuzla** (Bosnia and Herzegovina)
  - Faculty of Medicine, **University of Podgorica** (Montenegro)
  - **University Clinical Hospital Center „Dr Dragisa Misovic-Dedinje“**, Belgrade Serbia

- Universities from PgCs:
  - School of Medicine of the University of **Florence** (Italy),
  - Faculty of Medicine of the University of **Rijeka** (Croatia),
  - Medical Faculty of the University of **Ljubljana** (Slovenia).

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WHY HEPMP project?

- Serbia ---life expectancy (72.3 years) --with high levels of heart disease, stroke, and cancer.
- Cancer is the second most frequent cause of death in Serbia
- **low awareness of PM care** amongst the public and health care professionals
- **The TEMPUS Palliative and Pain Medicine project** 2007- 2009 as part of an initiative of the Universities of Florence and Lyon in cooperation with the School of Medicine at the UB -postgraduate education of ***palliative and pain medicine***.
- Recognized through a National Palliative Care Strategy (2008) and National Programme Serbia Against Cancer
- The program of postgraduate subspecialty of PM was accredited in 2013 at UB. So far, 60 postgraduate students were enrolled in it.
- Number of doctors trained for PM ***is unnsufficient***.

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Strategy of the WHO in 2020

- The main aim of HEMP project is **to increase quality of education** in PM in order to contribute to the improvement of public health care services in PCs in line with the Health 2020.

- **Increase the quality of health care** of the population in line with the strategy of the World Health Organization in 2020 and its Health Priority area 3.

- Priority area 3. consider **strength of people-centred health systems**, public health capacity and emergency preparedness, surveillance and response.

- One of the priorities of the strategy Health 2020 is improvement of the quality of medical services and continuously adapt to changing patterns of disease.

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HEPMP aims

- **Strengthening Capacities for Higher Education of Pain Medicine in Western Balkan Countries**
- This project aims are supporting the development of Pain medicine service provision in the country by providing qualified trained staff.
- Support will be granted to operationalise the recently established an educational program in the form of pain medicine specialization and the possibility of the development of undergraduate education programs.
- Establish an academic network and improve professional cooperation through opportunities provided by new technologies (Internet, telemedicine, etc.)

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Tasks of the project

Tasks of the Universities of Program countries

- assist in the analysis of the current situation in this area in PCs
- defining the possible changes that would improve or introducing curriculum of PM
- training of trainers from PCs
- organizations of internship of students from Universisties from PCs in the centers for pain in PgCs.

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Tasks of the project

Tasks of Universities of Partner countries

- to modernize the existing curriculum PM specialty
- to develop a module lectures for undergraduate studies of PM
- to develop a web platform for mutual learning and communication for professionals who deal with PM
- to organize courses of PM for doctors in primary health care
- develop written material for LLL (books, brochures, scripts, leaflets, digital material)
- establish an academic network

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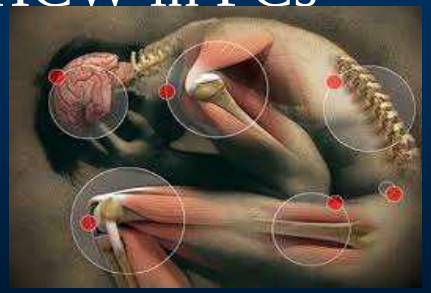
WP1- Comparative analysis of education offer in PM- First year

AIM--to determine the existing differences in methodological approach, as well as the program itself

- Analysis of PM study program and LLL courses in PCs
- Analysis of PM study program and LLL courses in PgCs
- Comparative analysis of education offer of PM in the PCs and PgCs
- Analysis of labour market needs relevant for HCW in PCs
- ***Purchase and installation of equipment***



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WP2--Development of joint curricula for PM study program

- Training of existing teaching staff from PCs at PgCs
- Development of HEPMP contents and Teaching material

  joint curricula for PM

  LLL courses
- Preparation and submission for accreditation of study program
- Enrollment of students at study program
- Implementation of study programs

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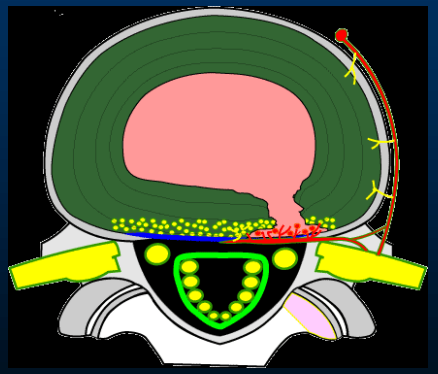
Courses

Training for the two target groups:

I type of courses - for HCWs who work in **primary health care centres** and daily dealing with the management of PM,

II type of courses -**highly specialized training** for the treatment of pain for doctors who work in tertiary institutions.



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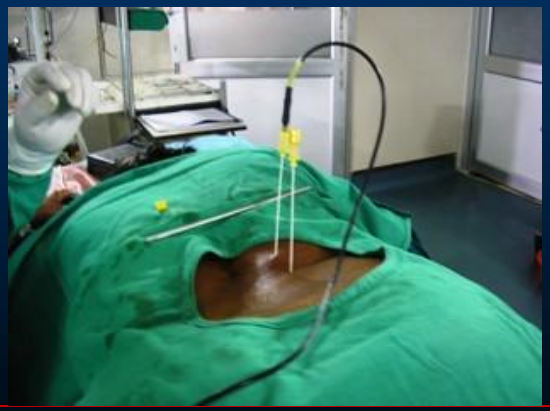
WP3 -Development of LLL courses and interventional PM courses

- Development of learning material for HCW in PCs
- National call and selection of trainees
- Accreditation of LLL courses in PCs
- Delivering of LLL courses of PM in primary health care centers of PCs
- Delivering of interventional pain trainings in PCs



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WP4-Establishment of Academic network

- Establishment of regional academic network
- Establishment of PAINWeb platform
- Continous selection of case studies for students and HCWs education
- Analysis of systematic standards and procedures in the area of PM

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Academic Pain Management Network - APMN

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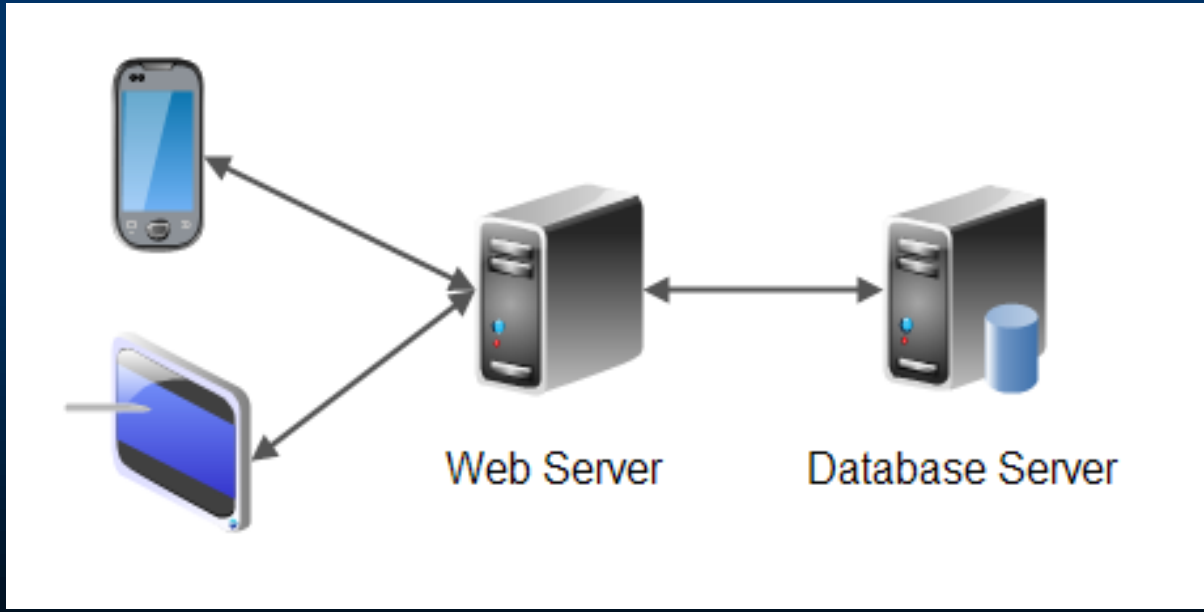
Academic Pain Management Network - APMN

This is a software system composed of two parts:

- Web server application
- Application for mobile devices (IOS and andorid)



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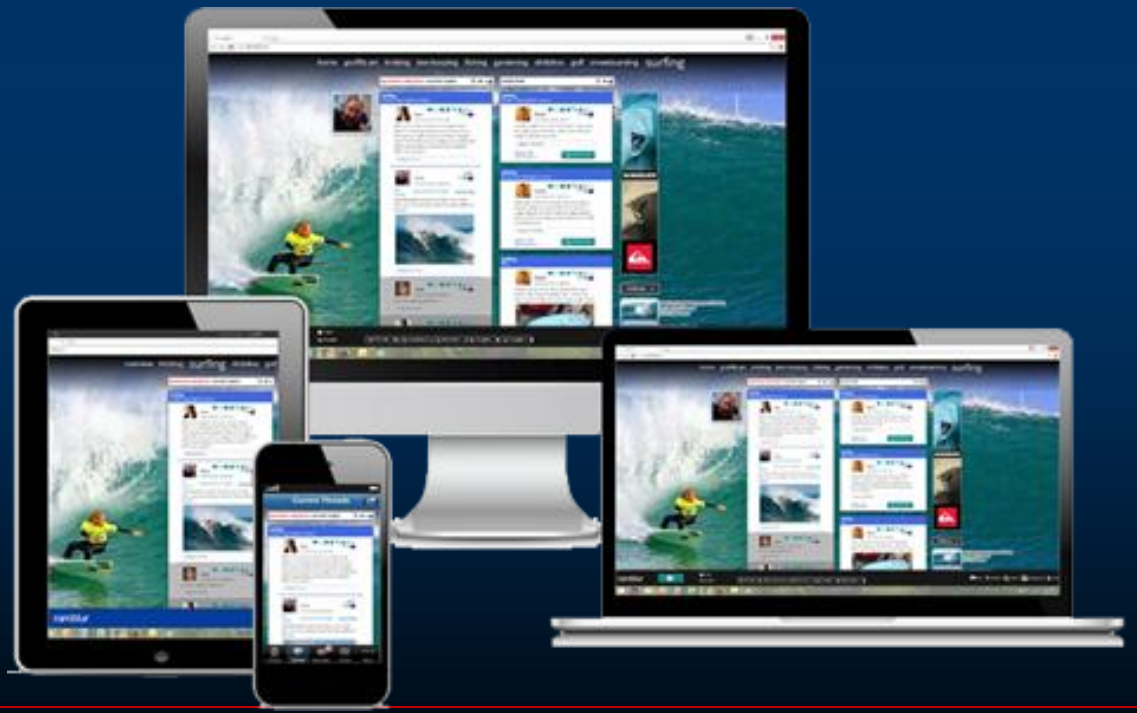
Why web server?

Web server application is independent of opertaive systems, so it is visible (usable) from all devices like mobile phones, tablets, desktop and laptop computers ...



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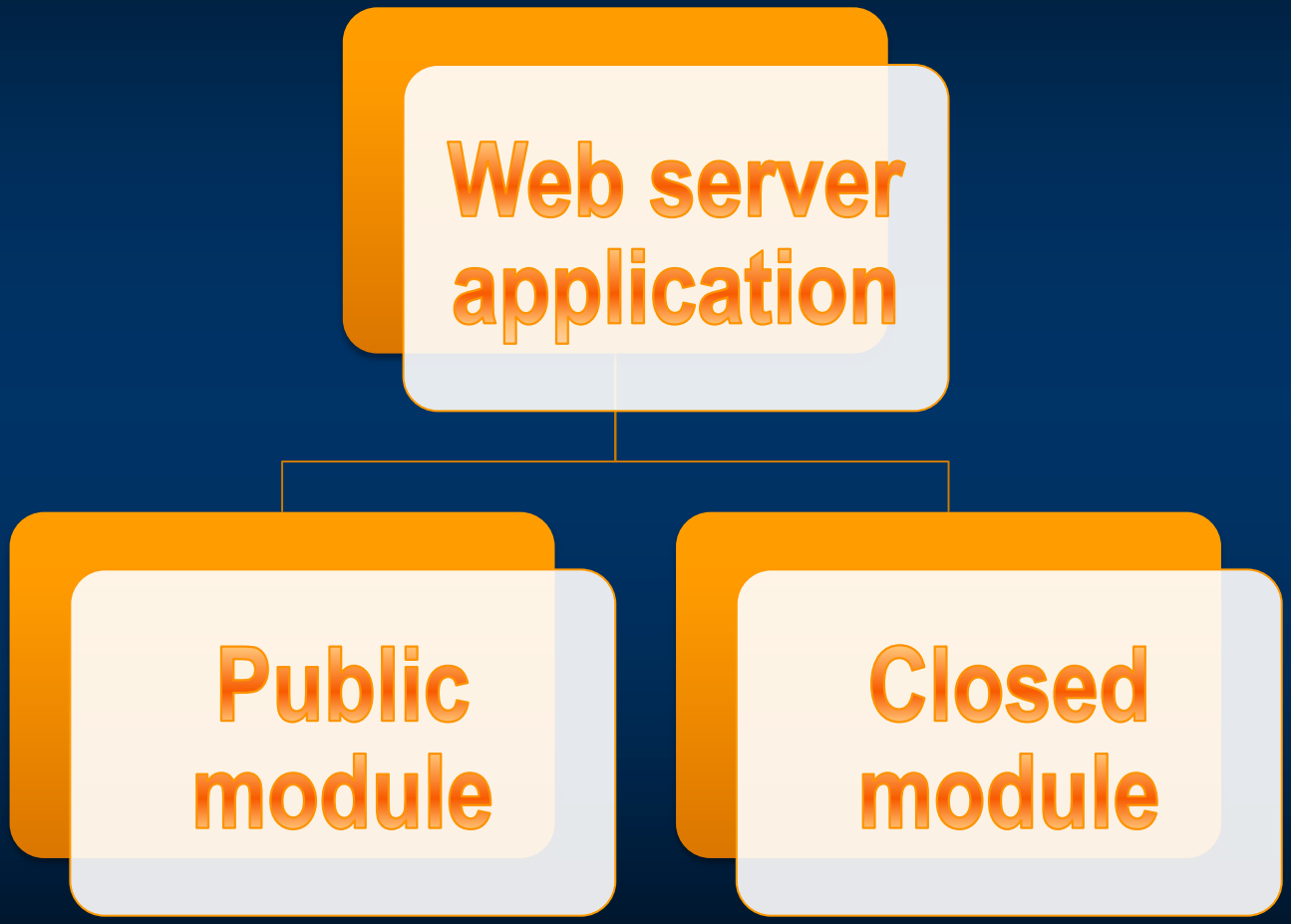
Web server application



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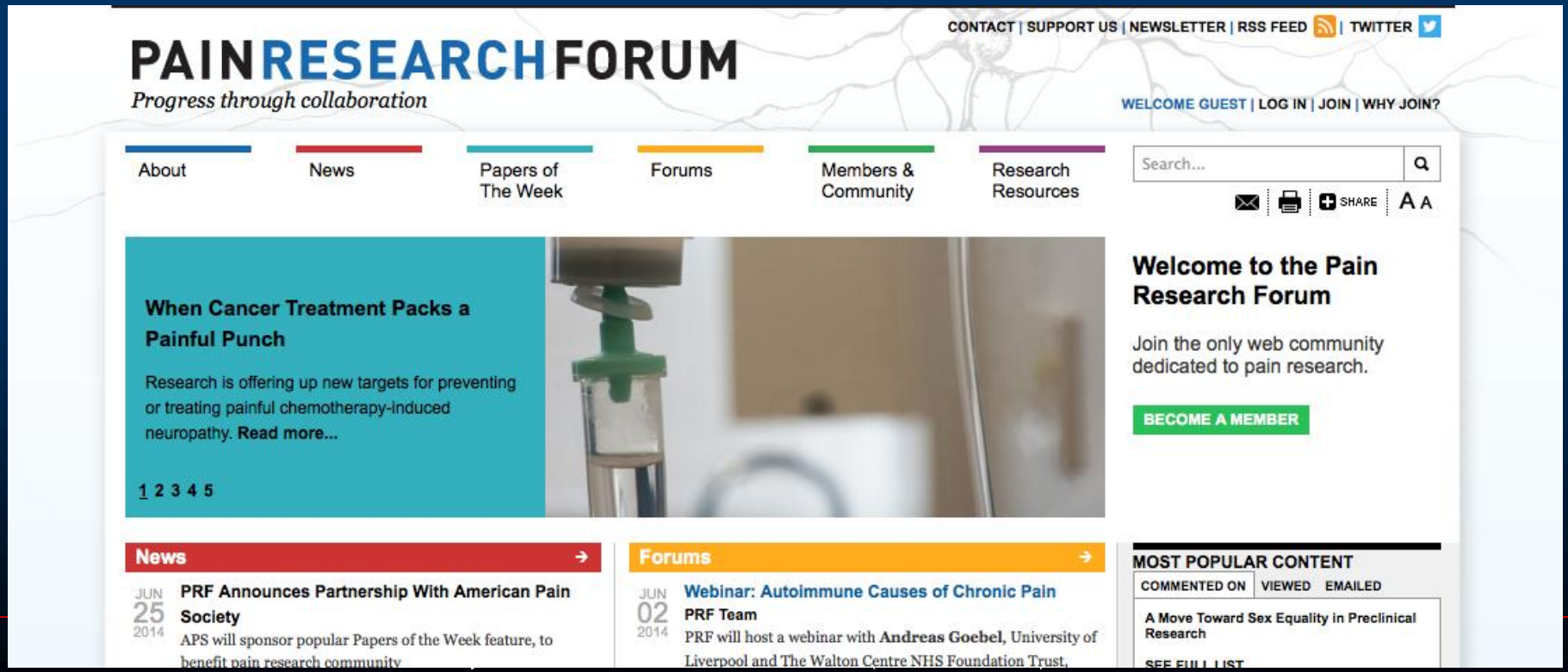
Public module

- This is actually a classic forum for all doctors or anyone interested in sharing information, messages, opening topics, publishing works, etc.



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Closed module

- It is a closed application that is available only to an authorized group of doctors, which means that access to the application is only possible after authorization.

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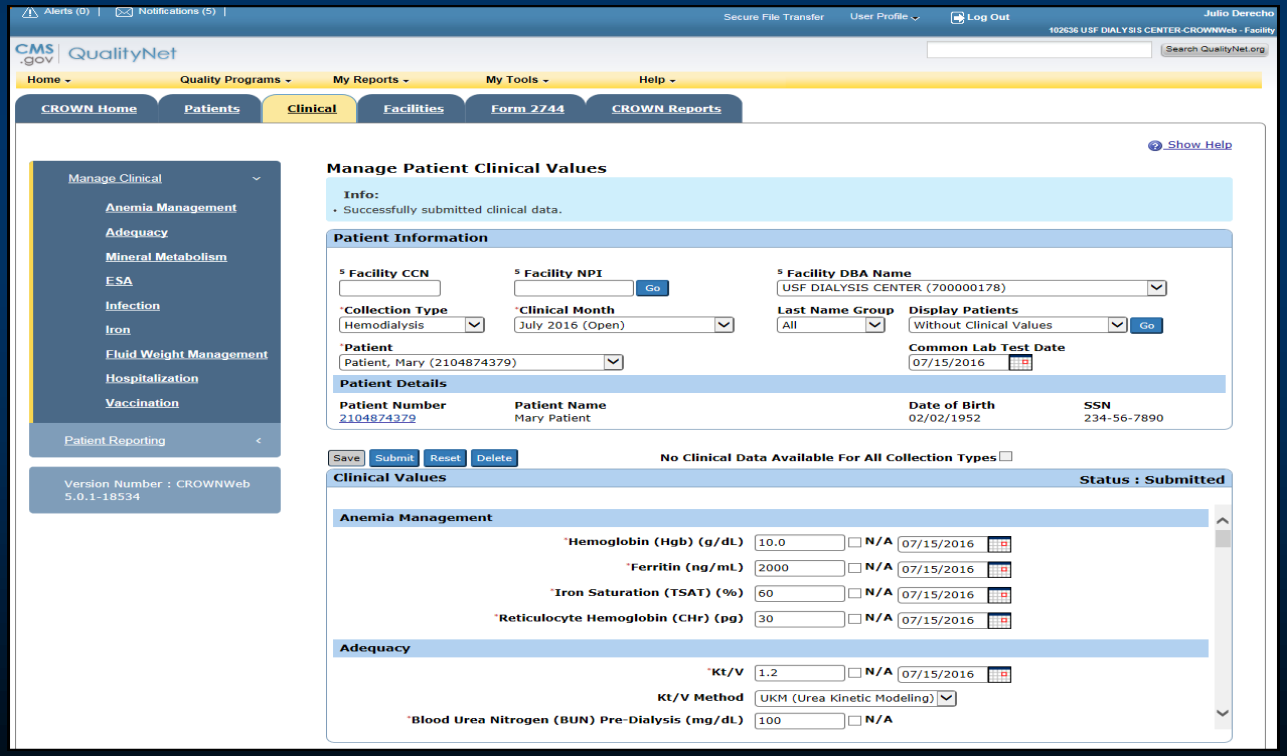
First step

- In the application, after selecting the patient type form and adding the document (Uniform form of examination, ECG, lab, Ro, TS, NMR ...), we form a colleague's request or a selected group of colleagues.



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The second step

- Sending a query generates a notification on mobile devices

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Third step

- After authorization through the APMN mobile application

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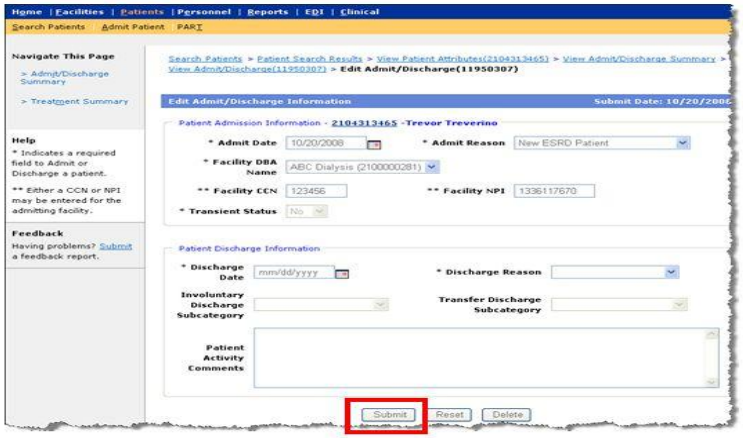
- Colleagues get access to that form of query. After examining the queries, the data and documents, your colleagues make a decision to receive, give their opinion or advice, or make a decision on receiving the patient, indicate possible steps in the treatment.
- (Electronic Consultation)

Editing Admit/Discharge Info

Facility Editors can edit admit or discharge info for any patients in their scope.

1. **View** the patient attributes
2. View the **Admit/ Discharge Summary**
3. Click the **Admit Date**
4. Click **Edit Admit/Discharge**
5. **Edit**, then **Submit**.



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Purpose of the application

- Reduces the number of visits to the doctor (repeated medical examinations)
- Availability of media documents from all areas
- Multiple consultations
- Minimal spending of all resources (money, fuel, papers, time ...)
- It allows for greater and faster availability of doctors of various profiles who deal with pain for all patients

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WP5-Project dissemination

- Creation of Web site of HEPMP
- Pain Medicine Textbook; monograph; script
- Promotion of HEPMP program events
  - Liflet, newsletter, promotional material and media
- Dissemination of institutional websites, newsletter, promotional material and media
- Signing cooperation between HEIs and relevant stakeholders

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WP6--Quality control

- Establishment of quality control board
- Development of control plan for quality assurance in teaching process
- Regular Quality board meetings
- Evaluation of student and participant satissfaction Monitoring visits by external evaluators

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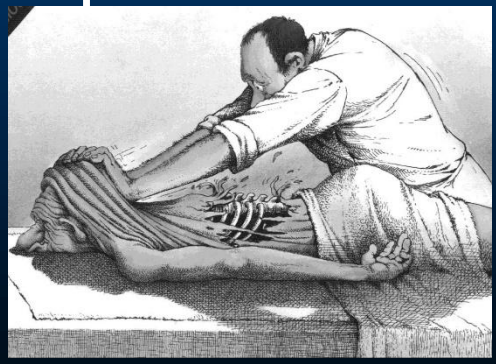
WP7--Menagement board

- Establishment of menagent board
- Creation of project management guide
- Kick off meeting
- Regular management board meetings
- Making a regular reports and final report



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HEPMP

Higher Education Pain Medicine Project