



**Fundusze Europejskie**  
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CENTRUM MEDYCZNE  
KSZTAŁCENIA  
PODYPLOMOWEGO

CENTRE OF POSTGRADUATE MEDICAL EDUCATION  
WARSAWA  
POLAND

# Development of specialised education for physicians in the areas that are important from the point of view of epidemiology and demography



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**Centre of Postgraduate Medical Education** is an independent scientific-didactic unit responsible for the integration and organization of post-graduate medical staff education, mainly of doctors (it is a kind of a medical university only at the postgraduate level, with its own statute and the right to award academic degrees).

It aims to unify specialization programs and organize specialization courses (obligatory and optional).

Didactic and research as well as health services are provided through its own clinics and other medical units.

# All undertakings implemented in the healthcare area in the 2014–2020 perspective meet the needs defined in the document entitled **“Policy Paper for healthcare for years 2014-2020”**

**One of the scope of support is postgraduate education:** supporting scarce medical specialties, training courses for doctors, nurses, as well as other medicine-related professionals such as laboratory diagnosticians, paramedics, dispatchers, physiotherapists, medical caregivers, therapists etc.

In Poland, the main problem observed from several years is an insufficient number of specialist doctors.

Indicator of the number of doctors per 1000 inhabitants it was and still is lower than in most Western European countries.

In 2009, it was 2.2 and was significantly lower than the average indicators for EU countries, which amounted to 3.5 for EU15 and 2.7 for EU12 respectively

# Policy Paper for healthcare for years 2014-2020

## Supporting medical personnel education system in the context of adjusting resources to changing social needs

**Tool 32:** Development programs for medical universities, incl. creation of medical simulation centers – doctors

**Tool 33:** Development programs for medical universities, incl. creation of medical simulation centers – nurses & midwives

**Tool 34:** Specialist education for doctors – dedicated to specializations of significant importance resulting from epidemiological and demographical trends

**Tool 35:** Post-graduate education of doctors (realised in the other forms than specializations)

**Tool 36:** Post-graduate education of nurses and midwives

**Tool 37:** Professional training of representatives of other medical professions (paramedics, emergency medical dispatcher, rescue pilots, physiotherapists, community therapists, care assistants, laboratory diagnosticians)

The analysis of epidemiological and demographic trends identified five groups of diseases as the main cause of economic inactivity of Poles:

- **cardiovascular diseases**
- **cancers**
- **mental and behavioral disorders**
- **diseases of the osteo-articular and muscular system**
- **respiratory system diseases**

**That is why CMKP's project suport 13 medical specialities such as:**

- ✓ oncology - clinical oncology; oncology radiotherapy, oncology surgery, pathology, hematology, palliative medicine;
- ✓ geriatry, orthopedy and traumatology, medical rehabilitation, rheumatology;
- ✓ family medicine, pediatrics
- ✓ emergency medicine



# Operational Programme Knowledge Education Development OP KED 2014-2020

## AXIS V SUPPORT FOR HEALTHCARE

Under priority axis V the undertakings have a nationwide impact.

### INVESTMENT PRIORITY 10III

Enhancing equal access to lifelong learning for all age groups in formal, non-formal and informal settings, upgrading the knowledge, skills and competences of the workforce, and promoting flexible learning pathways including through career guidance and validation of acquired competences

### SPECIFIC OBJECTIVES OF IP 10III

Developing professional competences and qualifications of medical staff, responding to the epidemiological and demographic needs of the country.

The necessity to provide support to overcome barriers in access to specialist education for physicians should be solved by increasing the number of places for resident and the support for financing traineeships and specialisation courses.

The necessity to support staff is also connected with the problem of 'ageing' of medical professionals.

**Result indicator** - Number of physicians **who increased** their professional qualifications in the areas related to epidemiological and demographic needs, thanks to the ESF

**Output indicator** - Number of physicians **covered by** postgraduate training under the programme in the areas related to epidemiological and demographic needs

# DEVELOPMENT OF SPECIALISED EDUCATION FOR PHYSICIANS IN THE AREAS THAT ARE IMPORTANT FROM THE POINT OF VIEW OF EPIDEMIOLOGY AND DEMOGRAPHY

**Duration of the project:** Sept. 2015 - June 2023

**Total budget:** 21 669 054 EUR/ PLN 98 928 087

**Number of participants** - output indicator: 5 850 physicians during the specialisation

**Number of physicians who increased their skills (finished a full cycle of mandatory courses)** - result indicator: 4 972 physicians (85% of all participants)

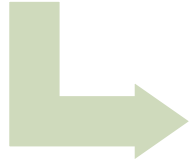
**Number of medical specialities covered by the project:** 13

**Duration of specialization programme:** from 4 to 6 years

**Number of mandatory courses per specialisation programme:** from 7 to 23 (on average 5 per year)



**Increasing the knowledge  
of the medical staff**



**Financing specialist  
courses for physicians**



**Increasing the availability  
of specialization courses**



**Shortening the time of  
specialization**



**Increasing in the  
number of specialist**



**Improving access to the high  
quality health care services**

**The main goal of the project**

## The main activities in the project

- ✓ financing all the costs of organizing a full cycle of courses (lecturers' fees, course tutor's fee, administrative services, didactic materials, catering for participants, renting of didactic rooms)
- **2163 courses are planned for 69,806 participants (1 physician should participate at approximately 11,7 courses)**
- ✓ increasing the availability of specialization courses - increasing the number of courses and accessibility throughout the whole country
- ✓ adjusting the number of courses to the current training needs

## The main activities in the project

- ✓ coordinating the organization of courses provided by various didactic and clinical centers, up to 25 centers (own clinics, medical universities, regional centers of oncology, scientific and didactic institutes)
- ✓ selecting contractors in the public tender procedure (in 2018 should be about 230 courses ordered in a tender)

**To coordinate and adjust the organization of courses, we use the physician's education monitoring system, which was developed during the implementation of the previous project co-financed by the European Social Fund.**

## The main activities in the project

- ✓ co-financing of travel and return costs and accommodation during courses (approximately 75% of participants must travel to a course outside their place of residence)
  - duration of a course vary from 1 to 29 days!
  - many courses are organized only in a few highly specialized didactic and clinical centers
- ✓ possibility of getting a training grant for the other forms of specialist training - only for the best participants
  - motivating factor to faster realization of courses

## Current successes in the implementation of the project and use of ESF

- ✓ **2099** of physicians included in the project,
- ✓ **11 144 courses participants** - each of physician completed on average of 5.3 courses (during specializing programme physician is required to complete from 7 to 23 mandatory courses - depending on the program of specialization)
- ✓ **459 courses**
- ✓ **8096 participants received funding** for travel and accommodation costs during the course **for the amount of PLN 3 206 217,63 (EUR 763 385)** .

# Challenges of implementation of the project

- ✓ **increasing the number of project participants** = increasing the number of physicians who started specialization training programme in the field covered by the project
  - the long period of specialization means that the largest group of doctors should be included in the project by the end of 2019,
  - no tools to make more attractive some specialities such as geriatrics, pathology or emergency medicine
- ✓ **inclusion of various entities from all over the country, entitled to organize specialization courses**
- ✓ **adjusting the number of courses** to the current training needs



## Experience from the last perspective 2007 – 2013 Operational Programme Human Capital

CMKP successfully implemented a similar project titled „Education within the specialization process for doctors of deficit specialities such as oncology, cardiology and occupational medicine” which lasted from 2007 to 2015

### Achievements

- ✓ completion by 2582 physicians a full cycle of courses, which 2 343 obtained the title of specialist (105% of assumed index)
- ✓ increase in the number of oncology specialists by 113%
- ✓ increase in the number of cardiology specialists by 73%
- ✓ increase in the number of occupational medicine specialists by 15% (despite of the growing number of new specialists there were also a growing number of retired doctors)



We are ready to repeat the success of the previous project...

**Благодаря**  
**Thank you for your attention**  
**Dziękuję za uwagę**

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<u>Specjalization programme</u>	Unitary module
<p><b>Family medicine</b></p>	<p>Duration: 4 years</p> <p>Number of mandatory curses: 3 specialist courses + 4 general courses: Public health, Medical law, Emergency medical services, Blood transfusion</p> <p>Number of project participants: 389</p>
<p><b>Orthopedics and traumatology</b></p>	<p>Duration: 6 years</p> <p>Number of mandatory curses: 17 specialist courses + 4 general courses</p> <p>Number of project participants: 416</p>
<p><b>Oncological radiotherapy</b></p>	<p>Duration: 5 years</p> <p>Number of mandatory curses: 13 specialist courses + 3 general courses</p> <p>Number of project participants: 65</p>
<p><b>Medical rehabilitation</b></p>	<p>Duration: 5 years</p> <p>Number of mandatory curses: 19 specialist courses + 4 general courses</p>



<b>Specjalization programme</b>	<b>Basic module</b>	<b>Specialistic module</b>	<b>Number of participants</b>
<b>Geriatry</b>	Internal medicine- 3 years	2 years: 11 mandatory courses	182
<b>Hematology</b>	Internal medicine- 3 years	3 years: 13 mandatory courses	113
<b>Oncology (clinical oncology)</b>	Internal medicine- 3 years	2 years: 8 mandatory courses + 8 recommended of which 5 must be choosen	206
<b>Reumathology</b>	Internal medicine- 3 years	2 years: 10 mandatory courses	176
<b>Oncology surgery</b>	General surgery - 2 years	4 years: 6 mandatory courses+ 10 recommended	183
<b>Pathomorphology</b>	Basic pathomorphology - 3 years	2 years: 5 mandatory courses	71