Legislative change initiatives in Ukraine and reduction of chronic health effects caused by disability

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Finally away from USSR...
Changing minds…

Changing system…

Defending the choice…
Past and Future

1988

2014
Realities and Perspectives
UA general Health Care Data
Mean expected life years at birth

World Bank, 2012

UA (EU)
Male 66,1 (72,5)
Female 76 (80)
Main death causes in Ukraine, %

Death rate (1991-2012):

Ukraine + 12,7%
EU - 6,7%

WHO, 2013
Gross Domestic Product per capita, USD

World Bank, 2013
Health care system expenditures, GDP%  

World Bank, 2012

Health care system expenditures, per capita, USD

World Bank, 2012
Health care expenditures, sources, %

- State Budget (4.4 GDP%)
- Out of pocket
- Private insurance
- Donations

State Budget expenditures
Staff salary 71-74%

National Health Care Resources, 2012
Private health care expenditures, sources, %

- Out of pocket: 93.7%
- Private insurance: 3.7%
- Other insurance: 2.3%
- Hospital funds: 0.2%

State Statistics Committee, 2012
State and Private health care expenditures, facilities, %

State Statistics Committee, 2012

- Hospitals: 89% State, 11% Private
- Out patient: 55% State, 45% Private
- Pharmacies and medical goods suppliers: 0.3% State, 99.7% Private
Hospital beds dynamics (per 100 000 population)

WHO, 2012

EU

UA

Moldova

CIS

UA, 890
Rehabilitation UA
ORGANIZATION
Organizational structure of medical rehabilitation in Ukraine

Ministry of Public Health (MOH)

Department of Medical Care
Division of Adult Medical Care
Subdivision of medical rehabilitation and palliative care

Scientific research Institutes of MOH

High Schools of MOH

Regional Health Care Depts.
Depts. of Adult Health Care

Restorative treatment hospitals
Sanatoria and Resorts Facilities

Restorative treatment beds in general hospitals
Primary Care Facilities
Hospitals of restorative treatment

\textbf{number (beds)}

(beds in general hospitals dpts.)

Ukraine

11 (1888)

2013 г., number МОН
Physiotherapy Hospitals

number (beds)

Ukraine 7 (1040)

2013, number, МОН
Rehabilitation UA

EDUCATION and STAFF
Medical Education High Schools

Total 15 for primary medical education

Population: 42,7 mln.  
Sqr.: 603,5 km²
Medical Education High Schools

Total 6 for postgraduate education (faculty)

Population: 42,7 mln.
Sqr.: 603,5 km²
Medical Rehabilitation Chairs in High Schools (MOH)

Total 11 chairs
Medical Rehabilitation Chairs in Postgraduate Medical Education High Schools (MOH)

Total 3 chairs
Medical Rehabilitation Scientific Research Institutes

Total 9 institutes
MULTIDISCIPLINARY TEAM

- MD
- Physical therapist
- Ergotherapist
- Logotherapist
- Social worker
- Clinical psychologist
Staff for rehabilitation

**MD**

Total MD specialties 109

*Physiotherapy*
*Treatment gymnastics*
*Sports medicine*

Medical nursery staff in:

*Physiotherapy*
*Treatment gymnastics*
*Massage*
Staff for rehabilitation

MD

Qualifications

Physiotherapy
✓ electric/magnetic stimulations
✓ thermotherapy,
✓ balneotherapy,
✓ massage
✓ etc....

Treatment gymnastics
✓ gymnastics complexes
✓ group practices
✓ mechanotherapy
✓ sport medicine
PHYSICAL THERAPISTS

✓ Presence: YES

✓ Education:

Physical Rehab Dpts. from High Schools of Physical Training (Ministry of Education and Science)

✓ Specialty:

«master of physical rehabilitation»

✓ Status: NOT MEDICALS

✓ Problems:

education without clinical contacts
ERGOTHERAPISTS

✓ Presence: NO in Ukraine
✓ Education: -
✓ Specialty: -
✓ Status: -
LOGOTHERAPISTS

✓ **Presence:** YES
✓ **Education:**
  Correction Pedagogic dpts. from High Schools of Pedagogic (Ministry of Education and Science)
✓ **Specialty:**
  «master in correction pedagogy, логопед»
✓ **Status:** MEDICAL SPECIALTY
✓ **Problems:**
  children population, language specificity
Rehabilitation UA

STAFF PSYCHOLOGY
Disability models

**Medical model**

- Disability is individualised. It is regarded as a disease state that is located within an individual. Thus, the problem and solution may both be found within that individual.
- Disability is a disease state, a deviation from the norm, which inherently necessitates some form of treatment or cure.
- Being disabled a person is regarded inherently as biologically or psychologically inferior to an able bodied person.
- Disability is viewed as a personal tragedy. It assumes the presence of a victim.
- The objective normality state that is assumed by professionals gives them a dominant decision making role.
Disability models

*Bio – Psycho - Social model*

- A person’s impairment is not the cause of restriction of activity
- The cause of restriction is the organisation of society
- Society discriminates against disabled people
- Attitudinal, sensory, architectural, and economic barriers are equally, if not more, important than health barriers
- Less emphasis is placed on the involvement of health professionals in the life of a person with disability

Barnes M., 2003
MD and the majority of Staff

- NO awareness,
- NO patient centered principles
International classification of functioning, disabilities and health (ICF)

WHO 05.05.2001

54 WHO Assemble Session (resolution WHA 54.21)
International classification of functioning, disabilities and health

Principles

Health Condition
(disorder or disease)

Body Functions & Structure  Activity  Participation

Environmental Factors  Personal Factors
The majority of MDs in Ukraine

NO information on
ICF EXISTANCE

NO functional based approach
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LEGISLATION ISSUES
Article 4. Sphere of action of Law

The action of this Law spreads on:

- citizens of Ukraine, that in accordance with established procedure are DETERMINED AS INVALIDS;
- families of invalids, children-invalids.
Medical and Social Examination

- CONDUCTED to the persons that apply for establishment of disability according to applications of general medical facilities after realization of diagnostic, treatment and rehabilitation interventions at presence of data about irreversibility of violation of functions of organism, due to diseases, trauma consequences and other states.
Law for rehabilitation of invalids in Ukraine
Oct 06, 2005

- disability benefits;
- compensation devices;
- social support;
- labor market regulations;
- barriers overcoming…
Rehabilitation UA

Changing minds…

Changing system…

Defending the choice…
Article 4. Sphere of action of Law

The action of this Law spreads on:

- …
- victims from anti-terrorist operation area
- …
Law for rehabilitation of invalids in Ukraine
Oct 06, 2005 / July, 2014 /

started at December 2014

Veterans and Invalids` affairs
Parliamentary Committee
Law for rehabilitation of invalids in Ukraine 2015

- from the beginning of an acute stage;
- early rehab;
- whole person life continuum;
- database;
- professional NGO`s role.
Law for rehabilitation of invalids in Ukraine 2015

- rehab specialties (primary, recertification);
- goal setting principles;
- team building;
- patient orienting…