ILDS World Skin Summit 2018

June 10-12, 2018
Hoshiminh, Vietnam

Skin Health for the World

ACCESS TO DERMATOLOGICAL CARE IN BELARUS

Uladzimir P. Adaskevich
Chairman of Belarusian Society of Dermatovenereologists and Cosmetologists

Aliaksandr M. Lukyanau
Chief Dermatovenereologist of Ministry of Public Health of Belarus

Conflict of interest: no financial relationships with commercial interests

Republic of Belarus
Рэспубліка Беларусь (Belarusian)
Республика Беларусь (Russian)

Capital and largest city - Minsk
Official languages: Belarusian, Russian
Ethnic groups - 83.7% Belarusians, 8.3% Russians, 3.1% Poles, 1.7% Ukrainians, 3.2% Other

Area	
• Total	207,595 km^2(80,153 sq mi) (84th)
• Water (%)	1.4% (2.830 km^2 or 1.093 sq mi)

Population	
• 2016 estimate	9.504.700 (93rd)
• Life expectancy	73 years
• Death rate	12.6 per 1000
GDP	2017 IMF estimate
• Total	$ 54 billion
• Per capita	$ 5.760

HEALTH CARE SYSTEM in BELARUS (I)

- Funding for the healthcare system provided by the state budget ➡ 5% of the GDP ➡ $320 per capita - three times less than in Poland and over 14 times less than in Germany
- The system itself consists mainly of medical centers and hospitals subordinate to the Ministry of Health

- Inpatient treatment (including hi-tech) is an absolute priority ➡ about 60% of the funds.
- Primary emergency aid is provided by the emergency medical services which employ both middle-level staff and doctors.

HEALTH CARE SYSTEM in BELARUS (II)

- Belarus is **No. 5 in the world in the number of doctors per 1,000 people**, but WHO experts note a significant misbalance in the human resource distribution in favour of hospital services with a substantial deficit in the primary treatment system.

- The private medicine sector in Belarus takes up at present **only about 5%** of the total amount of medical services but continues to develop.

Dermatovenereologic Care Net of the Republic of Belarus 2018

Dermatovenereologic dispensaries – 18

Dermatovenereologists' offices – 111

Dermatovenereologists – 473

per 100 000 population – 5 dermatovenereologists

Dermatovenereologic beds– 1.4 per 10 000 population

Laboratory Base of Dermatovenereologic Service in Belarus

113 Laboratories

- **SEROLOGICAL – 49** (centralized - 28)
- **BACTERIOLOGICAL – 30** (centralized – 18)
- **PCR-Diagnostics – 14** (in cities and regions)

National Reference Laboratory for Syphilis (2018)

Access to Dermatovenereologic Care for Belarusian Population

All dispensaries are state-funded

Gratis:

- **Consultation by a dermatovenereologist in polyclinics**
- **Consultation by a professor or an associate professor of medicine (waiting lists – 5-7 days)**
- **In-patient treatment in dermatovenereological hospitals**
- **Drugs for out-patients with genodermatoses and socially-significant dermatoses**
- **Consulting by internet, teledermatology**
- **Laboratory diagnostics in polyclinics**

Medical insurance < 10% population (covers treatment expenses for out-patients)

Access to Dermatovenereologic Care for Belarusian Population

Paid for:

- Consultation by a dermatovenereologist in a private medical center(no waiting lists)
- Consultation by a professor or an associate professorin a private medical center (no waiting lists)
- Cosmetological services (all kinds)
- Drugs for out-patients in government-funded polyclinics
- Some drugs in hospitals (as additional services)
- Diagnostic tests (allergological, immunologic, for autoimmune bullous dermatoses)

Medical Universities in Belarus (4) and Postgraduate Education in Dermatovenereology

Internship	1 year
Clinical residency	2 years
Postgraduate studies	3 years
Magistracy	1 year
Doctoral studies	3 years

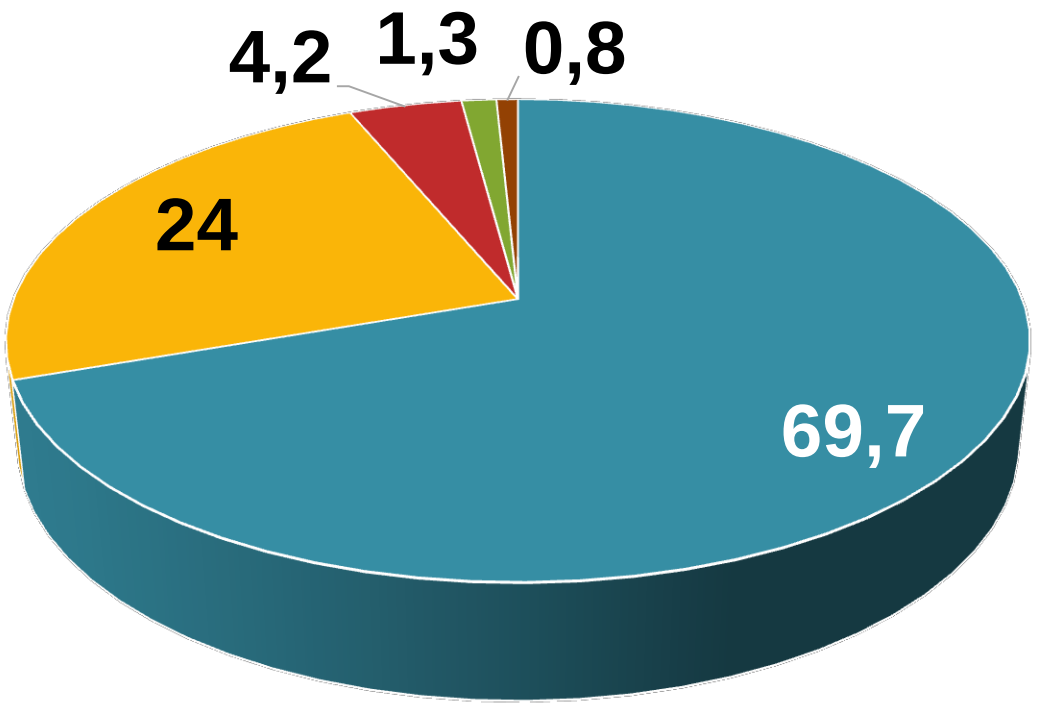
Qualification level of medical personnel ensures sufficient quality of specialized dermatovenereologic care for the country's population

TOTAL NUMBER OF MEDICAL DOCTORS

(INCLUDING DOCTORS-LABORATORY ASSISTANTS)

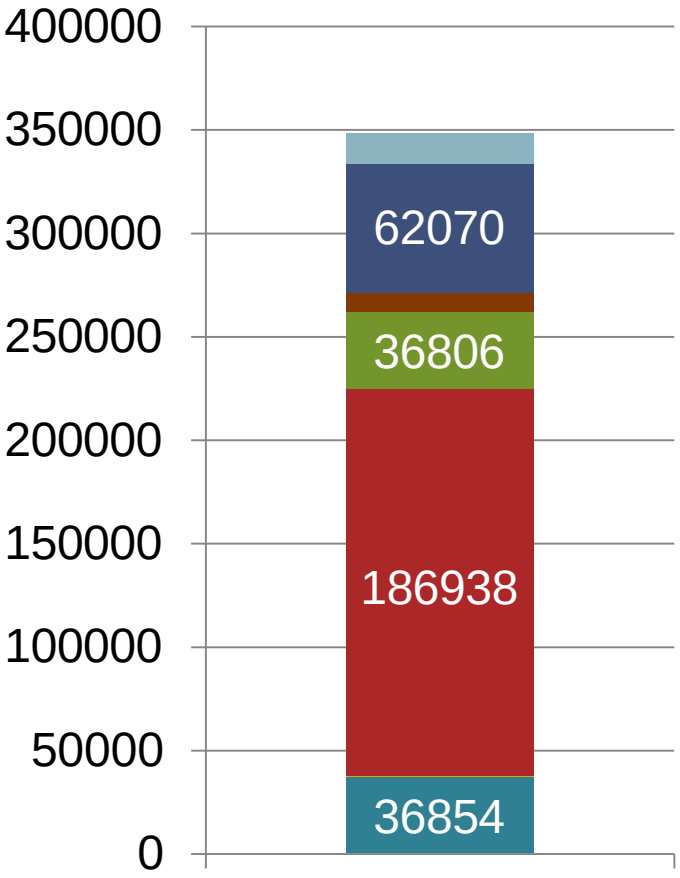
	2017	2016
• highest qualification category	65	61
•1st qualification category	233	227
•2nd qualification category	142	140
• without qualification category	112 (20,2%)	107 (19,9%)
•candidates of medical sciences	2	2
Total	554	537

2017: Structure of Morbidity according to ICD Codes (%)



- L00-L99 Diseases of the skin and subcutaneous tissue
- B35-B49 Mycoses, all types
- A50-A64 STIs
- B85-B89 Pediculosis, acariasis and other infestations
- Others

2017: L00-L99 Diseases of the skin and subcutaneous tissue



- L80-L99 other diseases of the skin & subcutaneous tissue (14747)
- L60-L75 Disorders of skin appendages (62070)
- L50-L54 Urticaria and erythema(10024)
- L40-L45 Papulosquamous disorders (36806)
- L20-L30 Dermatitis and eczema (186938)
- L10-L14 Bullous disorders (921)
- L00-L08 Infections of the skin and subcutaneous tissue (36854)

2017: Group of Dispensary Observation (145 233)

A50-A64 STIs	11 708	8,1%
B35-B49 Mycoses, all types	59 715	41,1%
B86 Scabies	1 122	0,8%
L10 Pemphigus	258	0,2%
L12 Pemphigoid	34	0,02%
L13 Other specified bullous disorders	538	0,4%
L20 Atopic dermatitis	7 337	5,1%
L40 Psoriasis	15 784	10,9%
L93 Lupus erythematosus	577	0,4%
L94 Other localized connective tissue disorders	1770	12,2%
Q80-Q89 OTHER CONGENITAL MALFORMATIONS	923	0,6%

99 766

Changes in Structure of Skin Diseases in Belarus over the last 10 years

Decreased:

Proportion of infectious and parasitic skin diseases

Proportion of syphilis patients

Proportion of patients with gonococcal infections

Proportion of patients with scabies

Increased:

Proportion of patients with fungal infections

Proportion of patients with viral dermatoses

Proportion of patients with Chlamydia infection

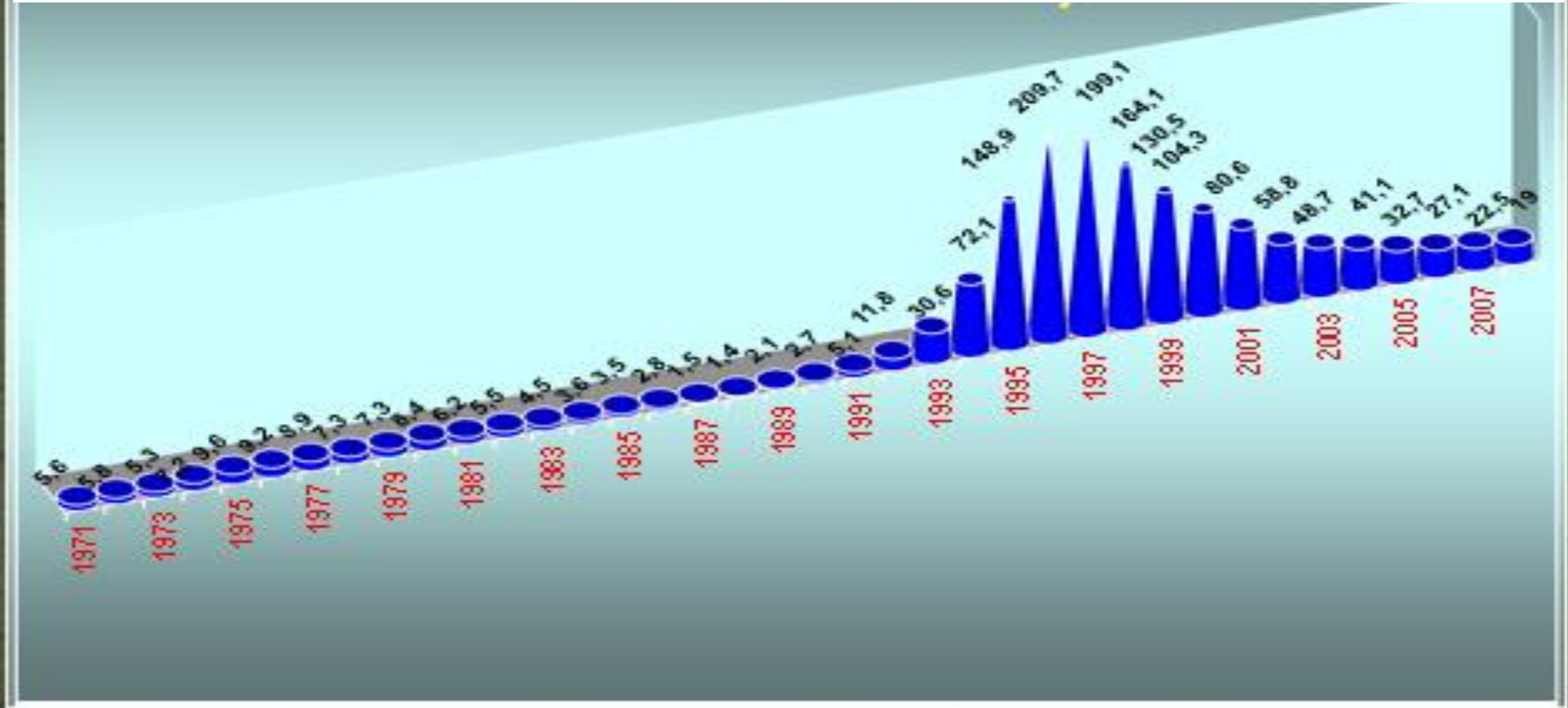
Proportion of patients in group "Diseases of the skin and subcutaneous tissue"

Socially Significant Dermatoses

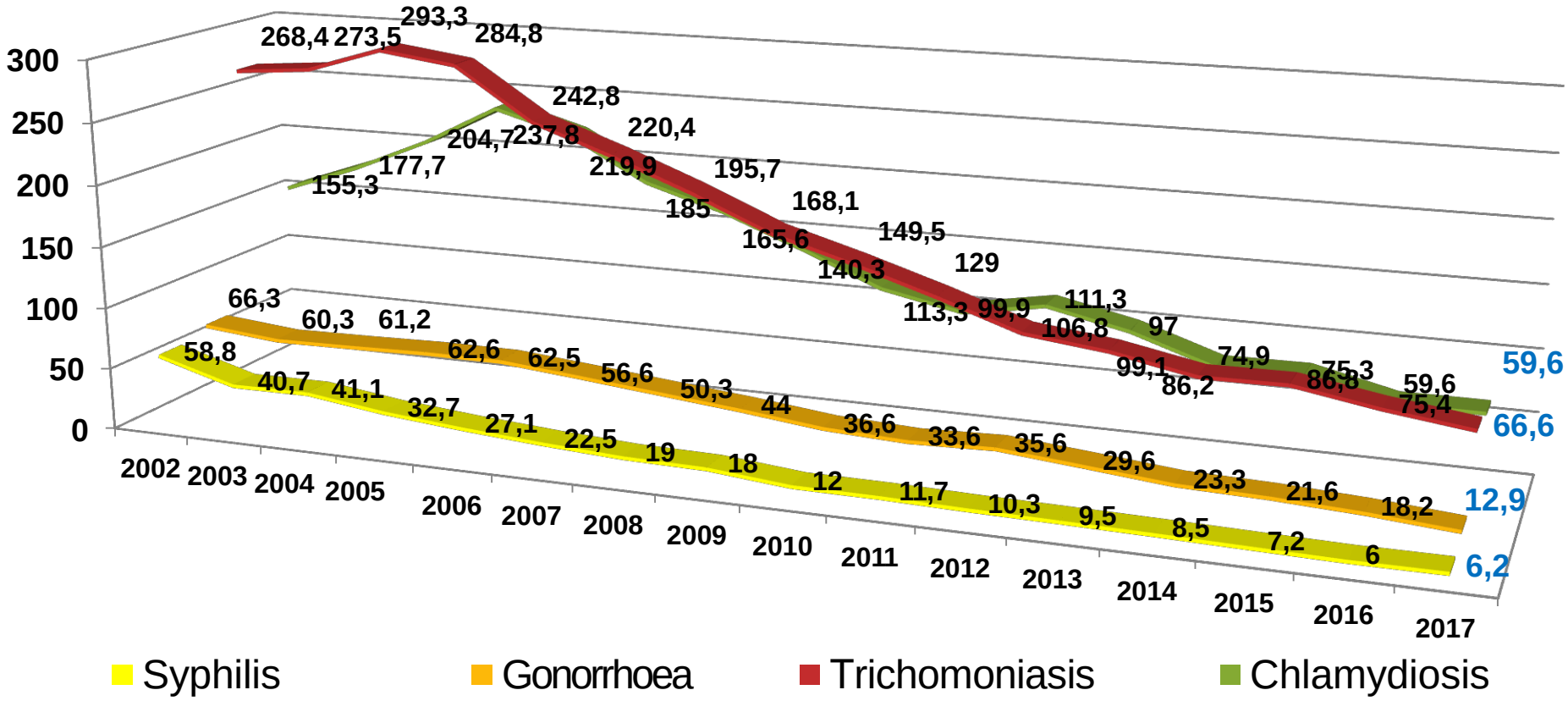
REQUIRE SPECIAL ATTENTION

and remain one of the main tasks of dermatovenereologic care

Dynamics of Syphilis Morbidity in Belarus 1971-2008 гг. (Epidemic in 1996– 209,7 per 100 000 population)



2002-2017: Morbidity of Major STI s in Belarus (per 100 000 population)



2017 : All STIs in total

20 749 cases

(23 034 in 2016)

-10,0%

218,4 per 100 000 population

Міністэрства юстыцыі Рэспублікі Беларусь

ПАСВЕДЧАННЕ

аб дзяржаўнай рэгістрацыі грамадскага аб'яднання

№ 02119

Беларуская грамадская арганізацыя дэрматавенерологаў і касметолагаў (БГА дэрматавенерологаў і касметолагаў)

зарэгістравана рашэннем Міністэрства юстыцыі Рэспублікі Беларусь ад 13студзеня 2012 года № 7

у Адзіным дзяржаўным рэгістры юрыдычных асоб і індывідуальных прадпрымальнікаў за № 805001800

Міністр юстыцыі А.Л.Сліжэўскі

Certificate of the Ministry of Justice of the Republic of Belarus about Registration of the Belarusian Society of Dermatovenereologists and Cosmetologiststs

Participation in the Activities of International Dermatological Societies

EADV – IUSTI – ISD – ILDS – AAD – BADV

Days of Skin Health in Belarus 2018

- **15 February –STDs Prevention Day**
- **21 May – Melanoma Prevention Day**
- **29 October – Day of Psoriasis**

2018: Priority Tasks of Access to Dermatovenereological Care in Belarus

1

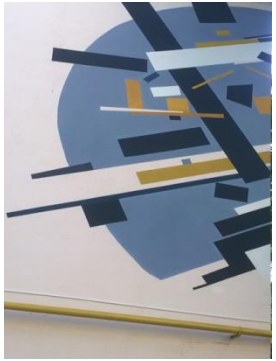
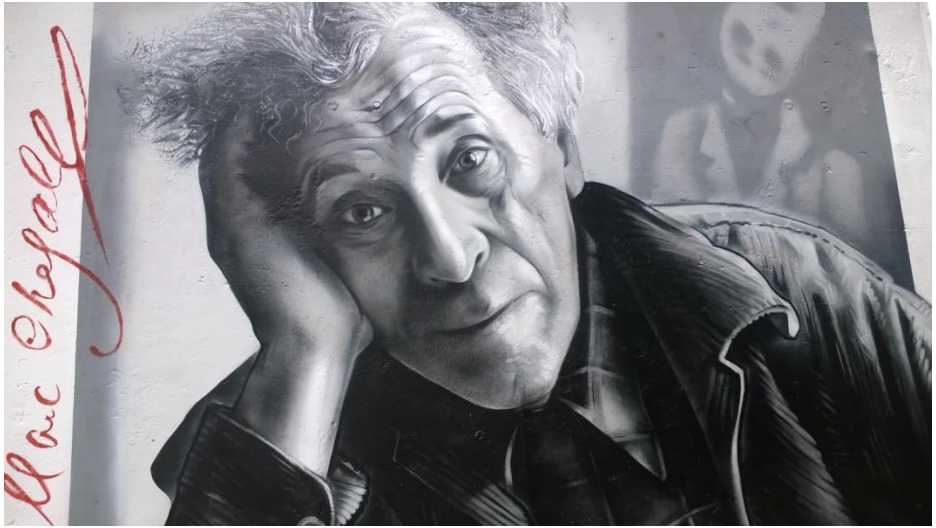
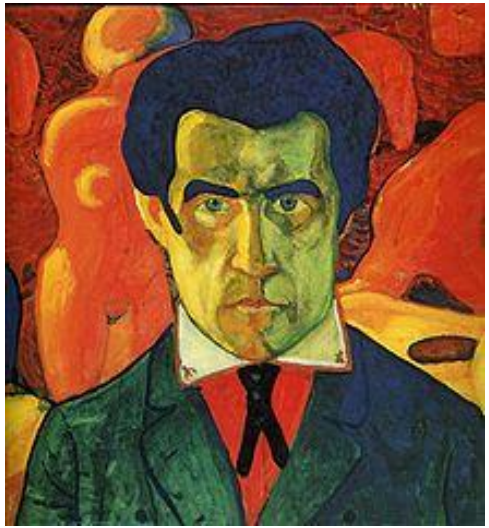
- **To adopt and introduce into practical health care new evidence-based clinical protocols for diagnostics and treatment of skin and subcutaneous tissue diseases with regard to inpatient care substitution technologies (such protocols have been prepared and are currently under discussion)**

2

- **To develop, adopt and introduce into practical health care new clinical protocols for diagnostic and treatment of Syphilis with regard to requirements of the Committee for Validation of the Elimination of Mother-to-Child Transmission of HIV and/or Syphil**is

3

- **To enchance assess to dermatological care by means of teledermatology in small towns and rural communities which requires their provision with appropriate equipment.**



Best wishes from Vitebsk - city of Marc Chagall and Kazimir Malevich