

BURNS  TREATMENT
SKIN BANK
supported by  ilaya regeneration

 PEOPLE'S
PROJECT.COM

SUPPORTED BY  MARYNA POROSHENKO

Project results

BURNS + TREATMENT
SKIN BANK

supported by  ilaya regeneration

Practical Charity

“Who saved one human life,
that saved the whole world”

“Schindler’s List”



Project «Skin Bank. Treatment of burns»

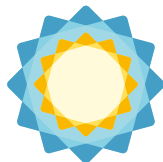
combines the efforts of scientists, doctors, donors and sponsors for the purpose of rapid and effective assistance to victims in case of burns with severe degrees.

Project's partners:



**BOGOMOLETS NATIONAL
MEDICAL UNIVERSITY**

SUPPORTED BY



MARYNA POROSHENKO

**KYIV CITY
BURN CENTER**

ФАРМАЦЕВТИЧНА ФІРМА
Дарниця



Biotechnological support:  **ilaya**^{medical company} regeneration

- Modern medical center
- Sampling of donor material in sterile operational conditions («clean premises» technology)
- Innovative bio laboratory, which compiles with GMP and GTP standards
- Permission of MOH for the production of cell and tissue transplants
- Permission of MOH for the conduct of clinical tests



Medical support:

Surgery department No.2 of Bogomolets National Medical University



Oleg Mykolaiovych Petrenko

Candidate of Medical Sciences, teaching assistant of the surgery department No.2 of Bogomolets National Medical University. Operating surgeon of higher qualification grade. Author of the 32 scientific works, including six training manuals marked by the Ministry of Health Care of Ukraine and the Ministry of Education and Science of Ukraine, 6 state patents of Ukraine for utility model.

Burn center at the Kyiv city clinical hospital No.2



Georgiy Pavlovych Kozynets

Doctor of Medical Sciences, Professor, Honoured master of sciences and engineering of Ukraine, laureate of state prize of Ukraine. Has 10 years of experience in the field of combustiology and is regarded as one of the best specialists over Ukraine.

Financial support:



- Best crowdfunding platform in Ukraine
- Over 50 fulfilled projects for the support of ATO participants



Народний проект
Всеукраїнський центр волонтерів

ПРОЕКТИ | ПРО НАС | ВАКАНСІЇ

УСІ ПРОЕКТИ | АРМІЯ | **ОХОРОНА ЗДОРОВ'Я** | СОЦІАЛЬНІ

21.01.2015, бюджет проекту збільшений на 260 000 грн

Індивідуальна медична аптечка

Забезпечення солдат індивідуальними аптечками військового стандарту НАТО

19% зібрано | **5 600 000 грн** потрібно

Підтримати

Банк шкіри

Регенерація шкіри після опіків за допомогою клітинних технологій

70% зібрано | **860 000 грн** потрібно

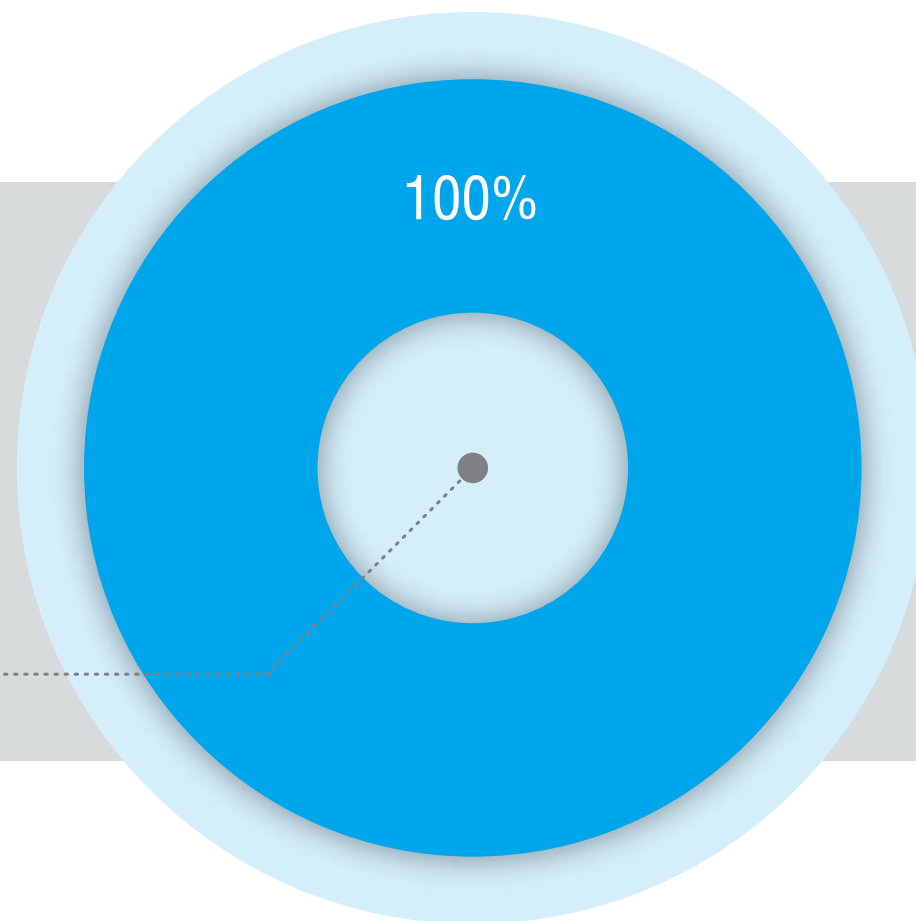
Підтримати

The biggest benefactor of the project who donated 800 000 UAH (43% from the costs of the Skin Bank)

ФАРМАЦЕВТИЧНА ФІРМА
Дарниця



Technical cultivation:



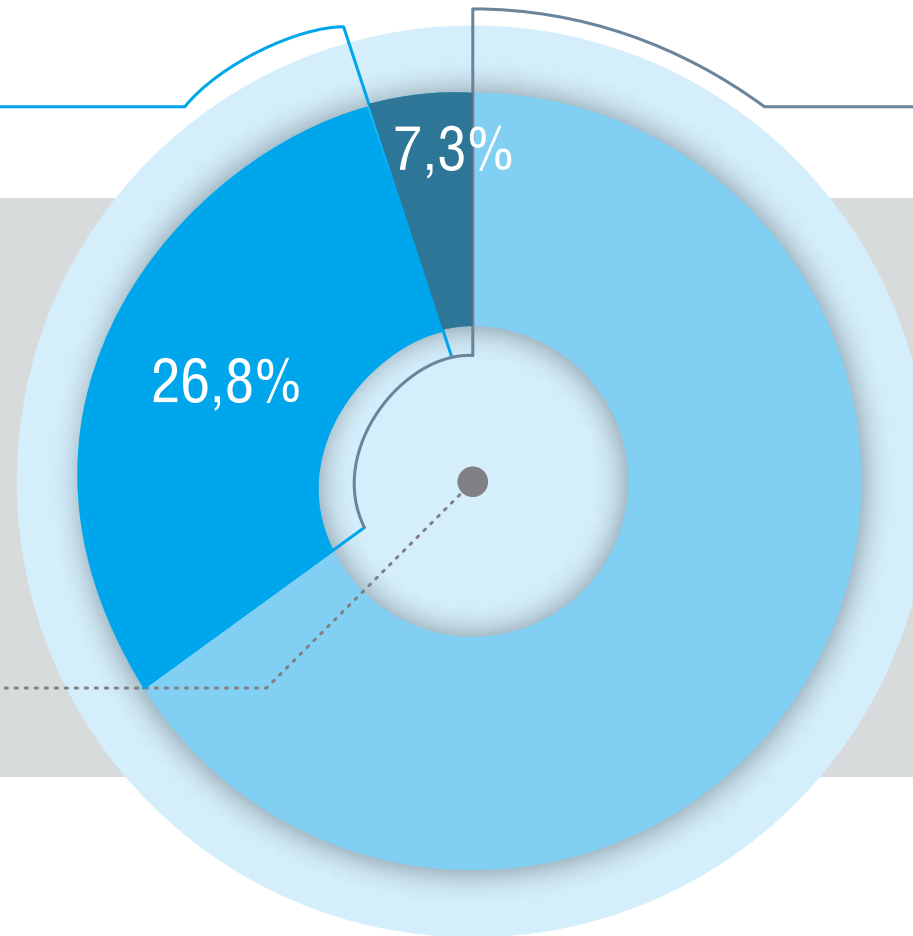
Produced:
5 mln cells

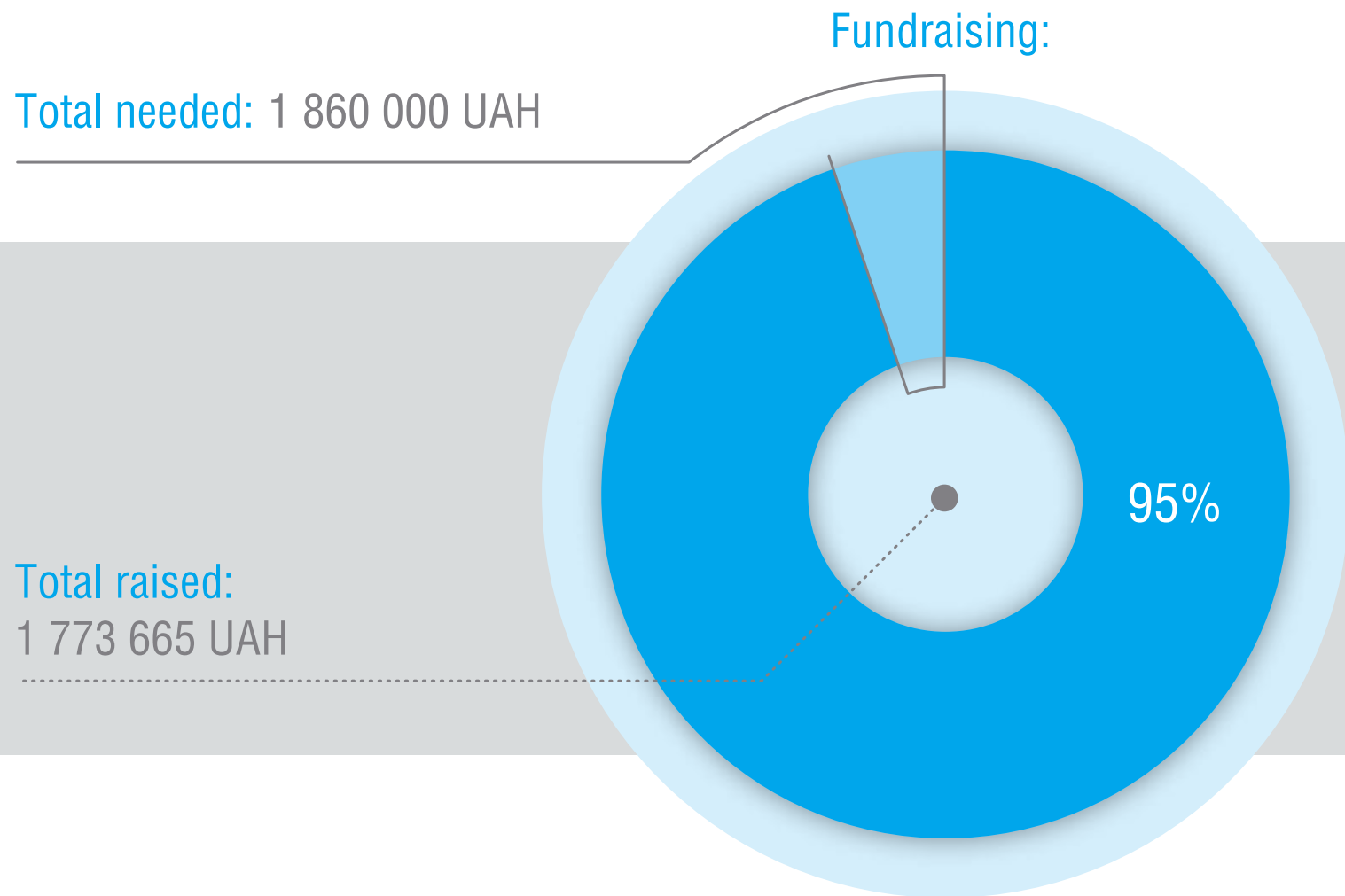
Bank usage:

Used to treat burns:
1,34 mln cells

Used to treat non-healing wounds:
0,36 mln cells

Produced:
5 mln cells





February 2015

April 2015

June – July 2015

Anton

Oleksandr

Roman

Evgen

Oleksandr



II B-III degree burn
25% of the skin surface

II B-III degree burn
30% of the skin surface

Burn of 35%
of the skin surface

Burn of 20-30%
of the skin surface

II and III degree burn
43% of the skin surface

20 mln cells

20 mln cells

20 mln cells

40+60 mln cells

60+80 mln cells

July 2015

Oleksiy



IIB-III degree burn
25% of the skin surface

80 mln cells

Igor



IIA, B-III degree burn
35% of the skin surface

100 mln cells

August – December 2015

Illya



II-III degree burn

60 mln cells

Oleksandr



I-IIA, B degree burn

100 mln cells

Oleksandra



IIA, B degree burn

100 mln cells

February – March 2016

April 2016

Yuriy



Necrotising
fasciitis

30 mln cells

Inna



Necrotic wounds
of the lower legs

40 mln cells

Pavlo



Necrotic wound
of the foot

10 mln cells

Volodymyr



Necrotic wound
of the foot

20 mln cells

Liubov



Fistula on the site
of postoperative cicatrix

20 mln cells

April 2016

Oleksandr



Burn of II A - III stage
6% of body surface

80 mln cells

May 2016

Yuliia



Burn of I - II A stage 25%
of body surface

80 mln cells

Svitlana



Purulent fistula,
chronic hip sore

10 mln cells

June 2016

Oleksandr



Burn of II B-III stage
10% of body surface

100 mln cells

July 2016

Sergiy



Granulating ulcers
on the feet

10 mln cells

September 2016

October 2016

Oleksandr



Burn of I - II - III stage
13% of body surface

10 mln cells

Gregoriy



Soft tissue defect
of the tibia

10 mln cells

Volodymyr



Trophic ulcer of the foot

3 mln cells

Liudmyla



Extensive soft tissue
defect of the tibia

20 mln cells

Nazar



Burn of I - II - III stage
55% of body surface

140 mln cells

October 2016

Pavlo



Granulating sore
of the feet

20 mln cells

Oleg



Trophic ulcer
of the right tibia

20 mln cells

November 2016

Volodymyr



Trophic ulcer of the tibia

10 mln cells

Liubov



Trophic ulcer on the tibia

10 mln cells

Volodymyr



Ulcer on the tibia
after injury

10 mln cells

February 2017

Yuriy



Granulating feet wound

10 mln cells

Igor



Purulent necrotic shin abscess

20 mln cells

Pavlo



Purulent feet wound

20 mln cells

March 2017

Sergiy



IV degree frostbite of both feet

20 mln cells

Michailo



Consequences of Severe feet frostbite

20 mln cells



Nazar, 21 years old

Date of injure: 19.10.2016

Diagnosis: fire burn of I-II-III degree, 55% of surface - head, neck, torso, limbs, extremely complicated burn shock

Cells used: 140 million

Operation date: 27.10.2016

before treatment 27.10.2016



before treatment 27.10.2016



result 14.11.2016



result 14.11.2016





Pavlo, 79 years old

Diagnosis: diabetes of the type 2 , osteomyelitis of the I metatarsal bone of the right foot

The patient undergone a number of necrectomies and autodermoplasties using cellular technologies. The wound was fully healed

Cells used: 10 million

before treatment



operation, 25.03.2016



5 days after operation



wound repair





Volodymyr, 66 years

Diagnosis: necrotic foot wound

The patient suffering from diabetes. He was admitted with gangrene of the fifth finger of his left foot. He underwent a number of necrectomies
Autodermoplasty was performed on granulating wound using dermal equivalent. Currently foot defect is closed

Cells used: 20 million

before treatment



application of biotechnologies 13.03.2016



10 days after application of biotechnologies



wound repairing





Grigoriy, 76 years old

Diagnosis: purulonecrotic lower leg phlegmon

The patient was admitted to the surgical department with purulent process. Uncovering the phlegmon resulted in soft tissue defect. Application of dermal equivalent followed by autodermoplasty was carried out to stimulate the healing. Wound healing was successful.

Cells used: 10 million

before treatment



application of biotechnology 09/2017



the wound is healed 10/2017



6 months after the application of biotechnology





Pavlo, 80 years old

Diagnosis: Gangrene of 2 fingers of the left foot on the background of type II diabetes.

The patient was admitted with gangrene. Necrectomy was performed in the surgical department. Application of dermal equivalent followed by autodermoplasty was performed to heal the wound. The wound healed quickly, and the patient was dismissed from the hospital.

Cells used: 20 million
before treatment



application of biotechnology 09/2017



the wound is healed 10/2017



6 months after the application of biotechnology



Thanks for support

President's wife Maryna Poroshenko
Ukrainian nationwide volunteers center "People's Project"
Pharmaceutical firm "Darnytsia"



Coordinating Center of social project
«Bank of skin»

Ukraine, 03115, Kyiv,
9 Ivana Kramskogo st.,
Mob. Tel .: +38 (067) 413 74 10
e-mail: skinbank@ilaya.ua
Project's web-page: skin-bank.shershnyov.com
Facebook: facebook.com/skin.bank