





Practical Charity

I was frustrated because of the lack of boots until I met a man without legs

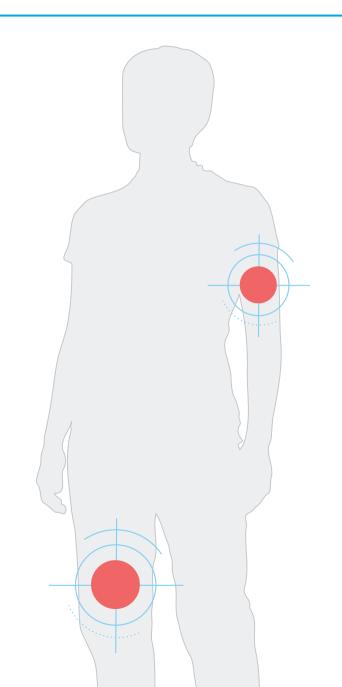
Dale Carnegie







- During 2014–2016 there were approximately 23 thousand of people wounded in the east of Ukraine (Information provided by the United Nations)
- Almost 50% of all combat injuries while fighting nowadays are twisting limbs due to explosive and bullet wounds (data from open sources)
- 5–7% of combat injuries are accompanied by the appearance of bone defects (according to the experience of orthopedists—traumatologists)
- Nowadays traditional medicine in Ukraine in case of defects of bone cells from 5 cm applies prothesis or amputation due to dysfunctional reception of limbs, which significantly reduces the quality of life and require constant financial expenses from a patient







Project «Biotech Rehabilitation of wounded people»

combines the efforts of scientists, doctors, donors and patrons for the purpose of rapid and effective assistance to victims in ATO area

Project founders:











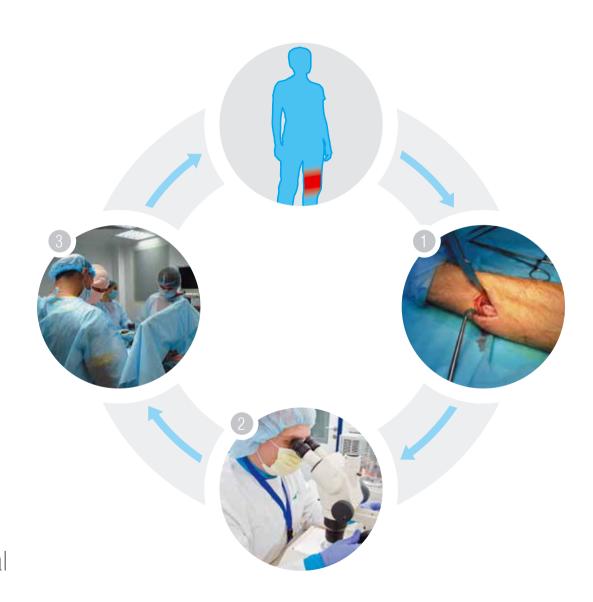
We treat the effects of combat trauma bones (shoulder, forearm thigh, shin. Foot):

- woven bone defect
- ununited fracture
- false joint





- Sampling of patient cell material
- Material preparation at bio laboratory
- Operation by means of cellular and tissue material











24th Separate Mechanized Brigade



Battalion "AZOV"



17th Separate Mechanized Brigade



Battalion "CHERNIHIV"



93rd Separate Mechanized Brigade



95th Separate Airmobile Brigade



Nat Guard



81st Separate Airmobile Brigade



3rd Regiment of Special Purpose



8th Regiment of Special Purpose



28th Separate Mechanized Brigade



Battalion "AIDAR"



Luhansk Border Detachment



72nd Separate Mechanized Brigade



Battalion "DNIPRO-1"



79 Separate Airmobile Brigade



Battalion "DONBAS"



30th Separate Mechanized Brigade



11th Battalion "KYIVSKA RUS"



Volunteer Ukrainian Corps "PRAVYI SEKTOR"



Consolidated Demining Squad of the Armed Forces of Ukraine



51st Separate Mechanized Brigade



39th Separate Mechanized Infantry Batallion



57th Separate Mechanized Infantry Brigade



Battalion "Organization of Ukrainian Nationalists"



703rd Saperno Engineering Regiment



128th Separate Mechanized Brigade



Battalion "TORNADO"



25th Separate Dnipropetrovsk Airborne Brigade



Battalion "HORYN"



80th Separate Airmobile Brigade





For 2,5 years of the project "Biotech rehabilitation of injured people"

Included into project: 70 patients The results obtained: 62 patients Completed treatment: 40 patients

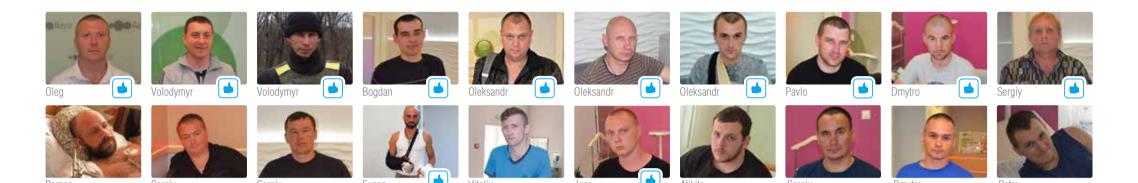
there is result







Our wounded patients









Andriy 23 years old Sumskiy region



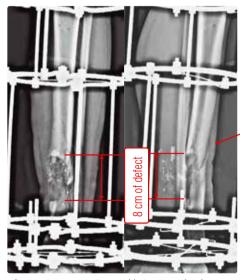
Fracture of the left tibia with 8 cm defect

Before accepting to the project: 2 month in 3 hospitals

Alternative: disability due to the loss of feet management, treatment from 1.5 g. by means of traditional methods

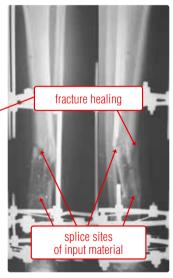
Cost of treatment: 286 527 UAH (\$22 040)

december 2014



after osteo necrotomy (1st operation)

february 2015



1,5 months after main surgery

may 2015



5 months after main surgery

















Mykhaylo 21 years old Luhansk



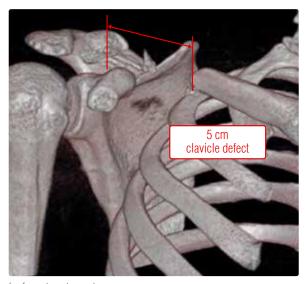
5 cm defect of the right clavicle

Before accepting to the project: 2 month in 3 hospitals

Alternative: loss of most functions of the hand (inability to lift things) disability due to disability of hand, treatment of 1 year by traditional methods

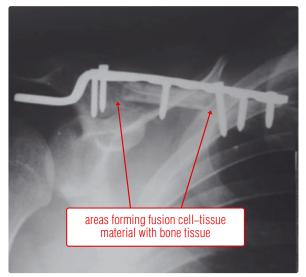
Cost of treatment: 201 698 UAH (\$14 377)

november 2014



before treatment

january 2015



1,5 months after main surgery



















Natalia 46 years old Kramatorsk



injured left shoulder with bone defect to 5 cm, blood circulation and innervations of left upper limb

Before accepting to the project: 2 month in hospital

Alternative: disability of hand, treatment of 1,5–2 years by traditional methods (high risk of dissolution head bone), the shortening of the bone – risk of circularity problems leading to loss of limbs

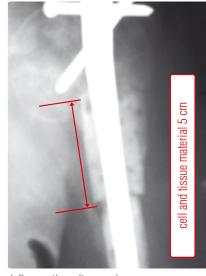
Cost of treatment: 103 020 UAH (\$7 955)

november 2014



before treatment

december 2014



1,5 months after main surgery

february 2015



3 months after main surgery



















Oleg 24 years old Cherkassy



Ununited tibial fracture

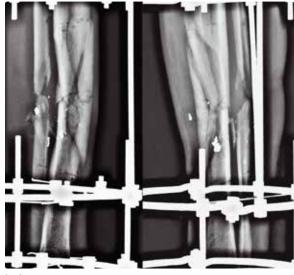
Before accepting to the project: 2 month in 3 hospitals

Alternative: the absence of fusion for 3 months can lead to misfunction of leg,

1,5–2 years treatment with traditional methods

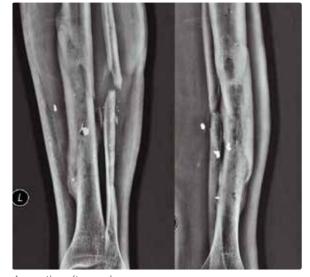
Cost of treatment: 94 004 UAH (\$7 259)

october 2014



before treatment

april 2015



4 months after main surgery

february 2016



1 year after main surgery



















Sergiy 26 years old Dnipropetrovskiy region

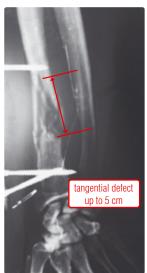


Ununited fracture of the right humerus fracture radiation bone defect 5 cm

Before accepting to the project: 2 month in 3 hospitals Alternative: disability of hand, traditional methods of bone restoring last for 9 months

Cost of treatment: 147 024 UAH (\$11 348)

september 2014



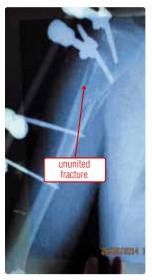
before treatment

january 2015



1,5 months after main surgery

september 2014



before treatment

january 2015



2,5 months after main surgery



















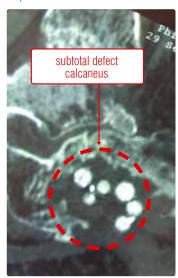


Viktor 36 years old Rivne region



Multifragmental fracture of the calcaneus, Rear appendix talus offset fragments Before accepting to the project: 4 month in 3 hospitals
Alternative: disability of feet, trophic ulcers may occur with high probability
of amputation, the possibility of spinal deformity due to lack of stress on the heel
Cost of treatment: 219 286 UAH (\$16 933)

september 2014



before treatment

january 2015



1,5 months after main surgery

june 2015



7 months after main surgery

october 2016



2 year after main surgery



















Juriy 28 years old Kirovograd



Gunshot wound in shoulder area, defect of humerus in 12 cm

Before accepting to the project: 4 month in 2 hospitals

Alternative: disability through the loss of arm functioning; high probability of amputation; inability to perform full locomotor rehabilitation after spinal trauma

Cost of treatment: 151 921 UAH (\$11 704)

october 2014



before treatment

march 2015



1,5 months after main surgery

may 2015



3 months after main surgery

march 2017



2 years after main surgery















Roman 37 years old Kryvyi Rih



Lower leg missile wound, loss of shin bone's joint formation part

Before accepting to the project: 1 month in hospital Alternative: disability due to knee loss and lack of leg's supporting capability

Cost of treatment: 248 865 UAH (\$19 217)

november 2014



before treatment

may 2015



1,5 months after main surgery

















Oleg 23 years old Ivano–Frankivsk



Shoulder missile wound, bone defect of 12 cm. Hip missile wound, ununited fracture, bone defect of 3 cm. Varus deformity of the foot Before accepting to the project: 8 month in 2 hospitals
Alternative: disability due to the lack of leg's supporting
capability and arms' function, brachiotomy
Cost of treatment: 494 619 UAH (\$27 572)

february 2015



before treatment

june 2015



1,5 months after main surgery

april 2016



1 year after main surgery

april 2015



before treatment

march 2016



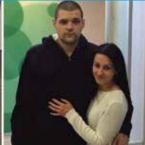
2 months after main surgery



















Vasyl 38 years old Lviv region



Shin bone defect of 100–120 cm³ with malunion, knee joint impairment

Before accepting to the project: 6 month in 3 hospitals Alternative: disability, amputation due to the lack of leg's function

Cost of treatment: 321 987 UAH (\$19 063)

february 2015



before treatment

july 2015



3 months after main surgery

october 2015



6 months after main surgery















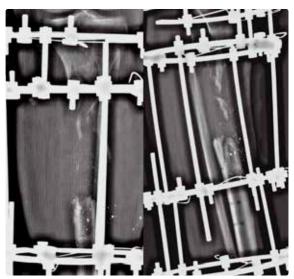
Sergiy 38 years old Kharkiv



Gunshot injury of the left shin bone with a defect of up to 14 cm

Before accepting to the project: 4 month in 3 hospitals Alternative: amputation, disability due to the leg shortening Cost of treatment: 186 199 UAH (\$10 302)

december 2014



before treatment

desember 2015



6 months after main surgery

august 2016



1 year after main surgery



















Olexandr 25 years old Dnipropetrovsk region



Severe shell fragment injury of the foot, heel bone defect

Before accepting to the project: 7 month in 3 hospitals
Alternative: disability, amputation through lack of functions of the leg

Cost of treatment: 435 364 UAH (\$33 489)

january 2015



before treatment

june 2015



before the defect replacement

october 2015



4 months after the main operation

















Volodymyr 19 years old Ivano–Frankivsk



After–effects of the explosive fragment injury of the left foot with a defect of metatarsus 4 to 5, metatarsus bone fractures 3–4 and soft tissue defects

Before accepting to the project: 7 month in 3 hospitals

Alternative: disability

Cost of treatment: 141 966 UAH (\$9 212)

july 2015



before the defect replacement

november 2015



3.5 months after the main operation



















Ivan 32 years old Lviv region



After–effects of the fragmentation shin injury, cicatricial ulcerative defect of soft tissues, fracture nonunion for 9 months

Before accepting to the project: 9 month in 3 hospitals Alternative: disability due to lack of the leg support ability Cost of treatment: 316 244 UAH (\$13 660)

july 2015



before treatment

october 2015



3 months after the main operation

january 2016



1,5 year after the main operation

















Vitaliy 37 years old Kherson region

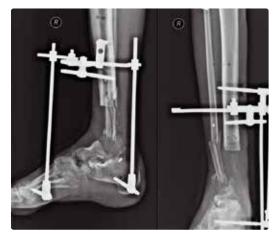


Defect of both tibial bones 8 cm and 12 cm, defect of soft tissues of both legs

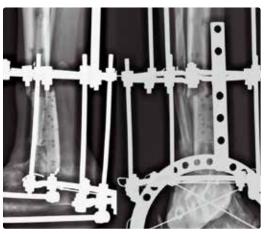
Before accepting to the project: 5 month in 3 hospitals

Alternative: disability due to amputation of one leg and shortening of another one

Cost of treatment: 428 484 UAH (\$20 307)



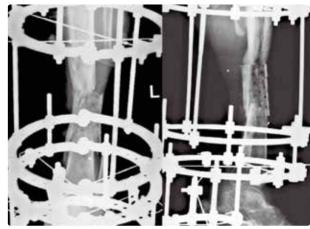
before treatment



2 months after the main operation



before treatment



2 months after the main operation















Sviatoslav 46 years old Zaporizhzhia



Defect of proximal third of the humerus in the extent of 8 cm, the head of the humerus is completely missing





Before treatment



In a month and a half after the main surgery



6 month after the main surgery









Roman 44 years old Dnipropetrovsk region



Multifragmental fracture of the shoulder, injury of radial nerve

Before accepting to the project: 8 month in 3 hospitals Alternative: disability due to loss of arm function, amputation because of complication

Cost of treatment: 314 846 UAH (\$14 393)

june 2015

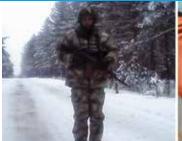


before treatment

november 2015



1,5 months after the main operation















Oleg 47 years old Cherkassy region



A gun wound of the thigh, defect of a thigh bone up to 14 cm

Before accepting to the project: 10 month in 4 hospitals Alternative: amputation of the leg due to low functioning Cost of treatment: 346 107 UAH (\$16 450)



before treatment



3 months after the main operation

















Viktor 34 years old Kyiv region



Osteomyelitis of the shin-bone with the wide purulent-necrotic wound

Before accepting to the project: 1 year in 3 hospitals Alternative: amputation due to dangerous complications Cost of treatment: 181 565 UAH (\$8 516)

september 2015



before treatment

february 2016



2 months after the main operation



8 months after the main operation







Before accepting to the project: 1 year in 3 hospitals

Alternative: prosthetics, disability due to inability







Volodymyr 47 years old Kyiv



Total defect of the calcaneus



Before treatment



of leg support

1,5 month after the primary operation









Waiting to be accepted to the project:

Vitaliy, 23 years, soldier of the 128th Separate Mechanized Brigade Diagnosis: fracture nonunion after osteosynthesis with a plate of the right tibia, posttraumatic osteomyelitis of the right tibia, varus deformity of the right tibia, tangential defect of the right tibia, right leg shortening to 2.5 cm Alternative: disability due to nonsupport ability of the leg Cost of treatment: 492 204 UAH (\$19 807)



Volodymyr, 45 years, soldier of the 43rd Separate aero mobile brigade Diagnosis: Unstability of knee joint, rupture of cruciate ligament of the knee joint Alternative: disability because of dysfunctional knee joint, arthritis Cost of treatment: 87 318 UAH (\$3 274)



Andriy, 34 years, soldier of the 80th Separate Assault Battalion
Diagnosis: extensive scar–ulcerative defect of rear outer surface
of the upper third of the left forearm
Alternative: Limitations of the movements of the hands because of the scar,
permanent injuries because of damage of the scar tissue upon movements
Cost of treatment: 146 145 UAH (\$5 480)







Waiting to be accepted to the project:

Vitaliy, 33 years, soldier of the 93rd Separate Mechanized Brigade

Diagnosis: shortening of the right hip to 5 cm, aseptic necrosis of the head of the left femur Alternative: disability (disease of the joints and spinal curvature due to different length of the legs)

Cost of treatment: (1 stage, restoration of the right hip length): 383 138,5 UAH (\$14 350)



Yuriy, 26 years, 130th separate reconnaissance battalion

Diagnosis: skull defect of 3x3 cm, defects of 4th and 5th basidigital bones,

nonfunctioning extensor tendon of the 3,4,5 fingers

Alternative: defect closure by a metal plate, which significantly reduces the quality of life,

disability due to arm dysfunctionality

Cost of treatment: 148 167,2 UAH (\$ 5 555)



Volodymyr, 59 years, soldier of «Donbas» battalion

Diagnosis: wrongly jointed fracture of the left tibia with varus deformity, wrongly jointed fracture of the right femur with varus deformity and ante-curvature; shortening of the right leg up to 2 cm

Alternative: disability, arthritis of the joints due to uneven load on feet

Cost of treatment: 205 467 UAH (\$7 704)







Cost of treatment: 244 011 UAH (\$8 984)

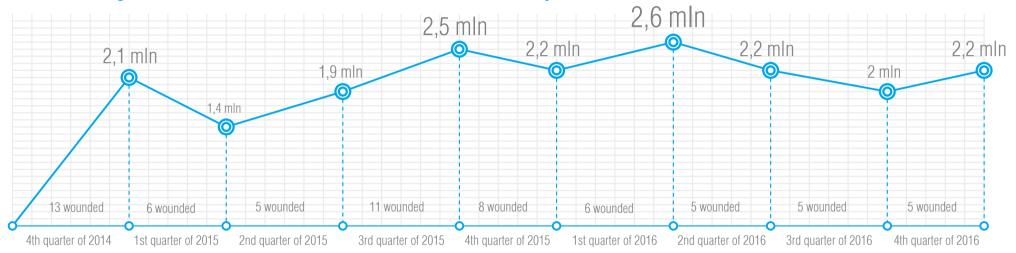


Oleksiy, 34 years, intelligence man Diagnosis: defect of the skull and the pachymeninx of 5x5 cm Alternative: defect closure by means of metal plate, which significantly reduces the quality of life





66 wounded fighters were saved, 20 million of UAH of the funds of Tax Payers were saved



our Philanthropists:

• Caring people from around the world





























To receive treatment the fighters get help from:

Approximately 20 volunteers

TOP 3

Olga Dombrovska.....(Odesa)
Natalia Zavadska.....(Irpin)
Iryna Kurylenko.....(Kyiv)

3 civil organizations

Soldiers' mothers of Novovolynsk



3 of 50 military hospitals and big hospitals

TOP 3 doctors

Artem Bespalenko Serhii Sapa Kostiantyn Pendrakovskyi







More than 80 publications









































More than 70 topics

















































Top 3 topics



STB Chanel: No amputation,



Novyi Kanal: a year ago these soldiers were under threat of legs



Radio Svoboda: Why the Ministry





Report for 2014–2016: We are on **facebook**

4 000 readers overall 42% Kyiv -----43% in other regions -----2% Kharkiv region -----2% Odessa region -----4% Dnipropetrovsk region -----6% Lviv region -----

Top 10 readers



Oksana Makarenko



Liudmyla **Tresh**



Ľubica Kotmónikovó



Serhiy Abramov



Zueva

Bohdana

Goretska

Tetiana

Koshkina



Loki Oskorei



Elena Ivanchuk



Larysa Meľnvk

Top 3 posts:



Biotech-rehabilitation of the injured

The wounded in the ATO military operations are provides with the free of charge and highly technological treatment of severe limb bones traumas, to which traditional medicine applies amputation and prosthetic appliances.



Let us save the hero from amputation! We are asking for maximum repost!

The 31-years old Oleksii, a fighter of the Pravyi Sektor Voluntary Ukrainian Corps was wounded in the winter of this year near the Donetsk Airport. The hero was being treated in state hospitals and military hospitals with his shattered with splinter leg more than a year and a half. However, due to multiple complications, his condition only got worse.



TRK-UKRAINA Chanel: Ukrainian medical workers learned how to restore damaged bones and cartilage tissues with the help of stem tissues.

Moreover, in the future they plan to restore whole parts of liver, kidneys and even eyes! What is needed for that and what has already been accomplished is known to Nataliia Zamorska.



15 thousand of views





We express our gratitude to!

Medical personnel and biotechnologists of the ilaya company Ukrainian Center of Volunteers "People's Project" and its founder David Arahamiya Charity Fund "Abundant Life" and its leader Evgeniya Bilan

Volunteers from all over Ukraine:

Olga Tkachenko (Kyiv)

Iryna Kurylenko (Kyiv)

Natalia Zavadska (Kyiv)

Oksana Ahunova (Kyiv)

Iryna Kravchuk (Kyiv)

Victoriya Krotova (Odessa)

Tetiana Polyanska (Odessa)

Olga Dombrovska (Odessa)

Iryna Ivaneyko (Dnipropetrovsk)

Valeriya Dubova (Lviv)

Diana Gordiychuk (Rivne)

Natalia Volokhata (Novovolynsk)

Nataliya Lytvyn (Kryvyy Rig)

Olesya Todorovych (Zhytomyr)

Yuliya Koval (Harkiv)

Dmytro Karp (Kyiv)

Alina Myhaylova (Kyiv)

Nadiya Řomanenko (Zhytomyr)

Doctors from public health agencies:

Artem Bespalenko (Irpin Military Hospital)

Costyantyn Pendrakovskyi (Main Military Clinical Hospital)

Sergiy Sapa

(Main Military Clinical Hospital)

Servgiy Galych

(Shalimov Institute of Surgery and Transplantation)

Evgene Symulik

(Shalimov Institute of Surgery and Transplantation)

Andriy Zhernov

(Kyiv City Burn Center)

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