



HIV ageing and Tuberculosis in Ukraine

(epidemiological situation, treatment
programs, challenges, targets)

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HIV-TB co-infection is the driving force of development of TB epidemic in Ukraine *(dynamic of the TB/HIV incidence)*

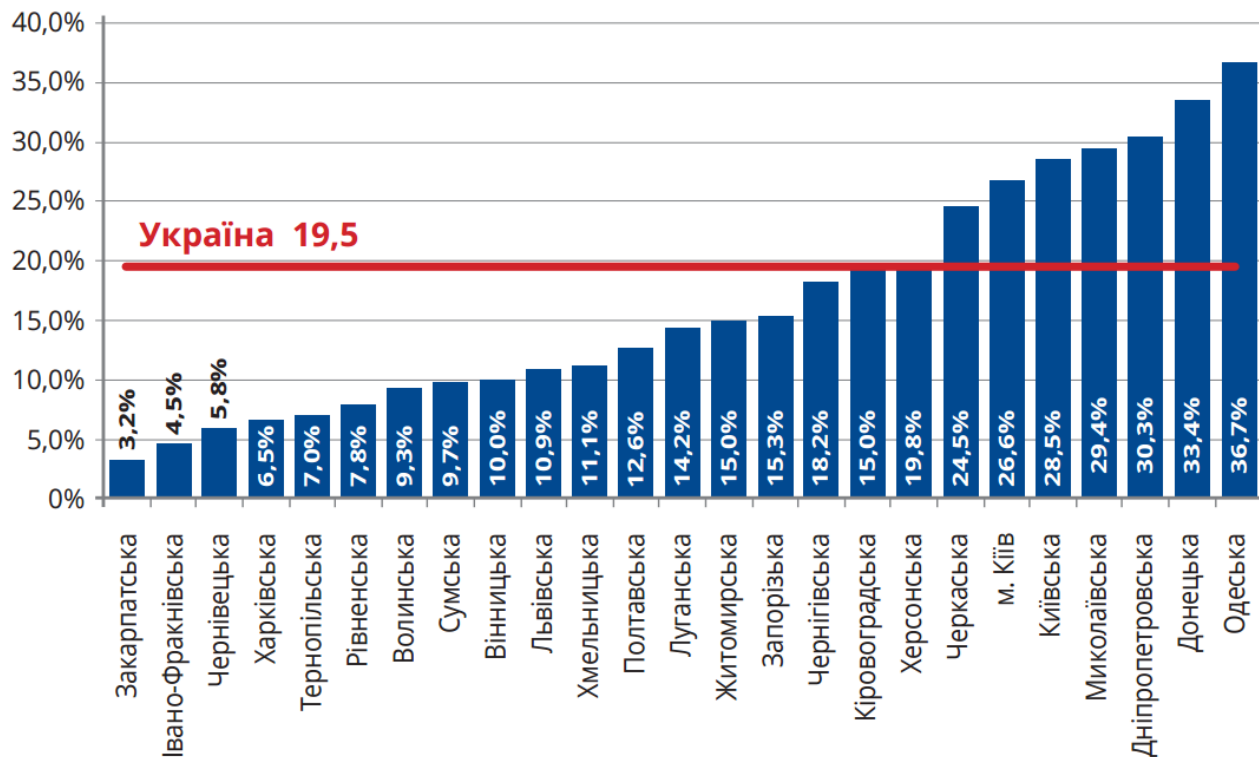


The constant increase in the proportion of co-infection TB/HIV in the structure of TB morbidity

(dynamics of the TB/HIV part in the total number of persons with TB)



The percentage of TB/HIV in the morbidity structure (*different regional situation*)



Different HIV/TB incidence in regions

- The highest incidence on TB/HIV in Odessa region-47,9 - on 100 thousand of the population
- The lowest level in Zakarpatskiy (Transcarpatian) region-2,2 on 100 thousand of the population

Age distribution of HIV/TB patients

New cases	Repeated treatment cases	MDR-TB	Children 0-14 years	Children 5-14 years	Children 15-17 years
53,8%	13,2%	34,8%	0,7%	0,7%	0,1%

All Ukrainian Network PLWH TB treatment project implementation model

Basic principles that were incorporated in the model:

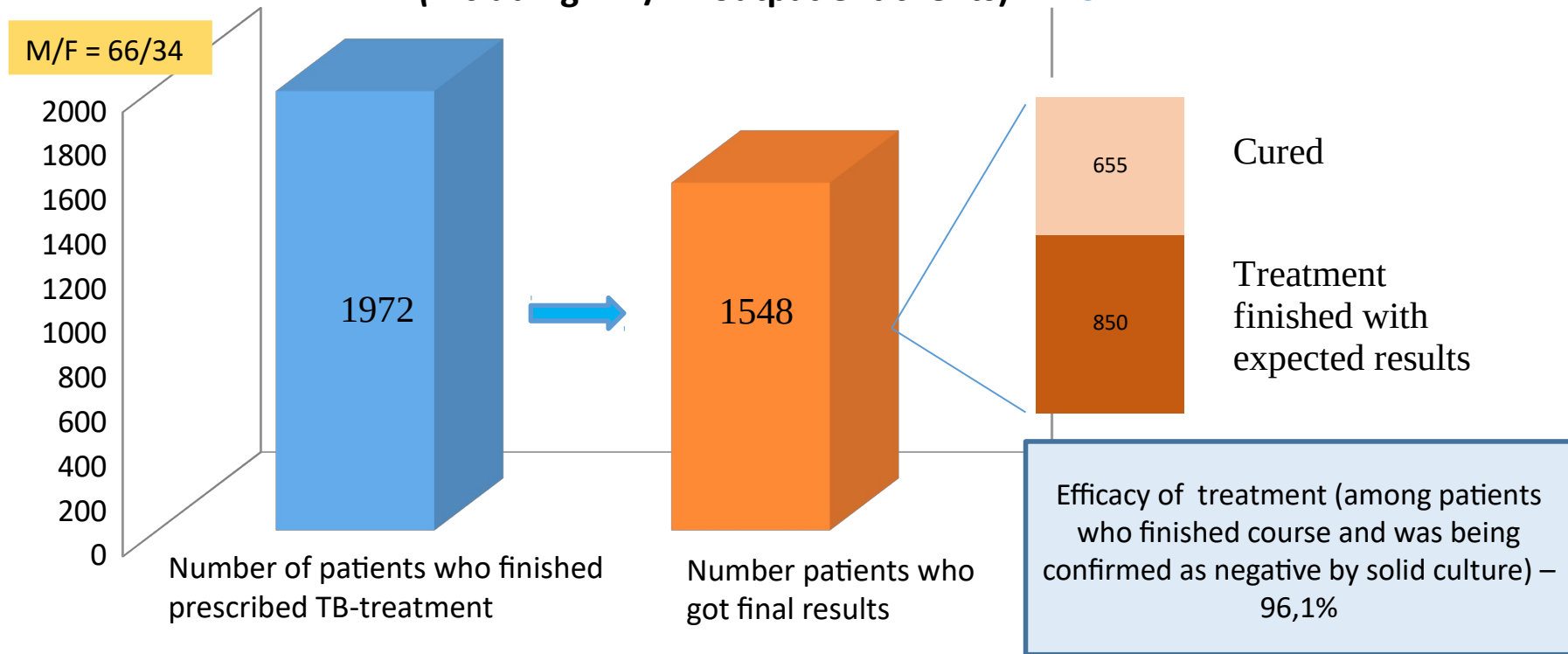
- patient-oriented integrated approach of providing socio-medical services
- daily delivery and controlled TB drugs taking from DOT provider
- funding aimed at treatment outcome.

Individual approach

to each client with the goal of solving social and psychological questions: the resume of documents, rehabilitation and job, legal assistance, counseling, housing, clothing, etc

Efficacy of TB treatment programs with medical-social support

(including HIV/TB outpatient clients) in 2017



Results of PLWH Newtwork TB projects in Ukraine-2017

96%

High efficacy of TB treatment program



21 NGO's have got valuable experience for DOTs in 17 regions

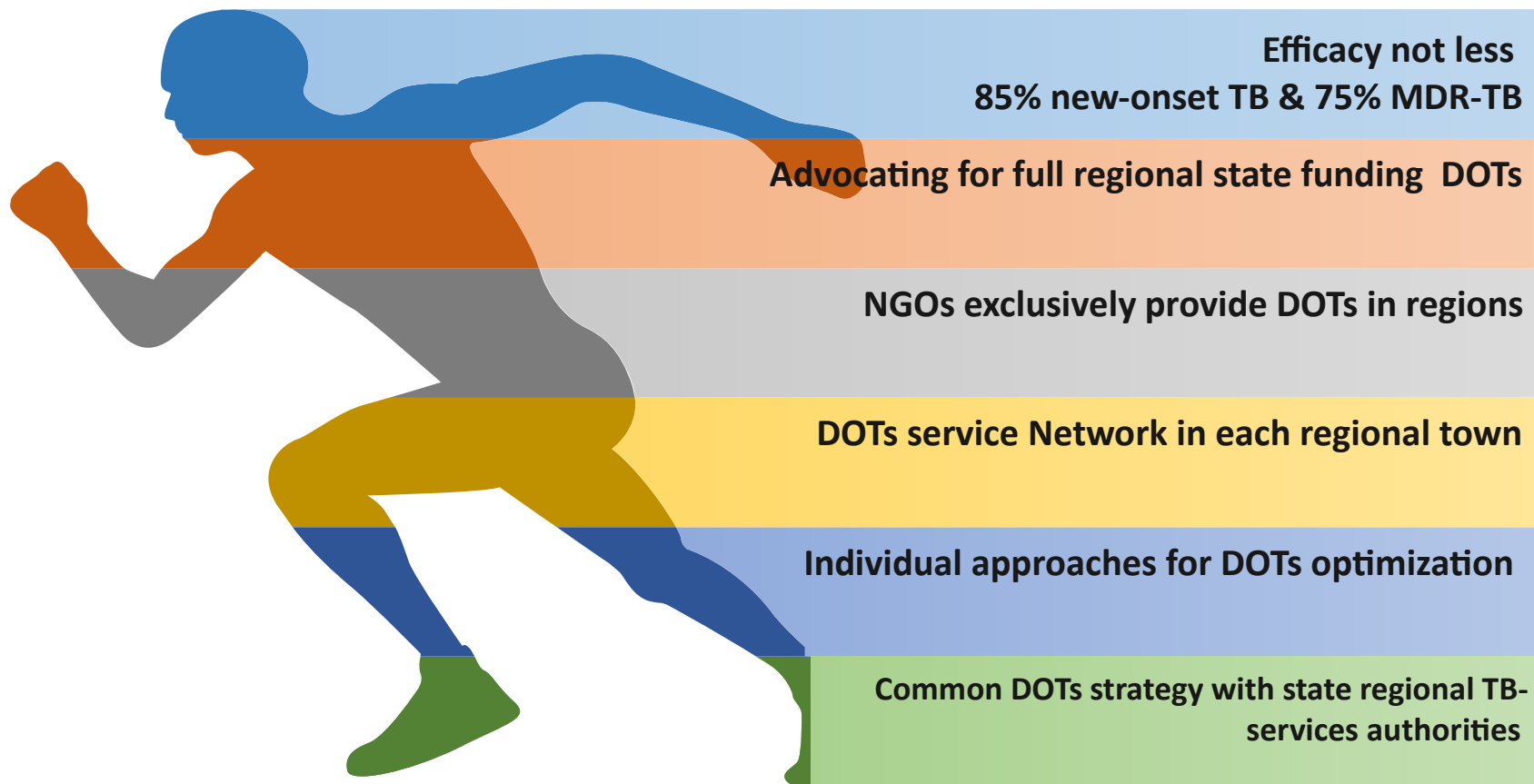


Developed result-oriented DOTs model using NGOs on the national level

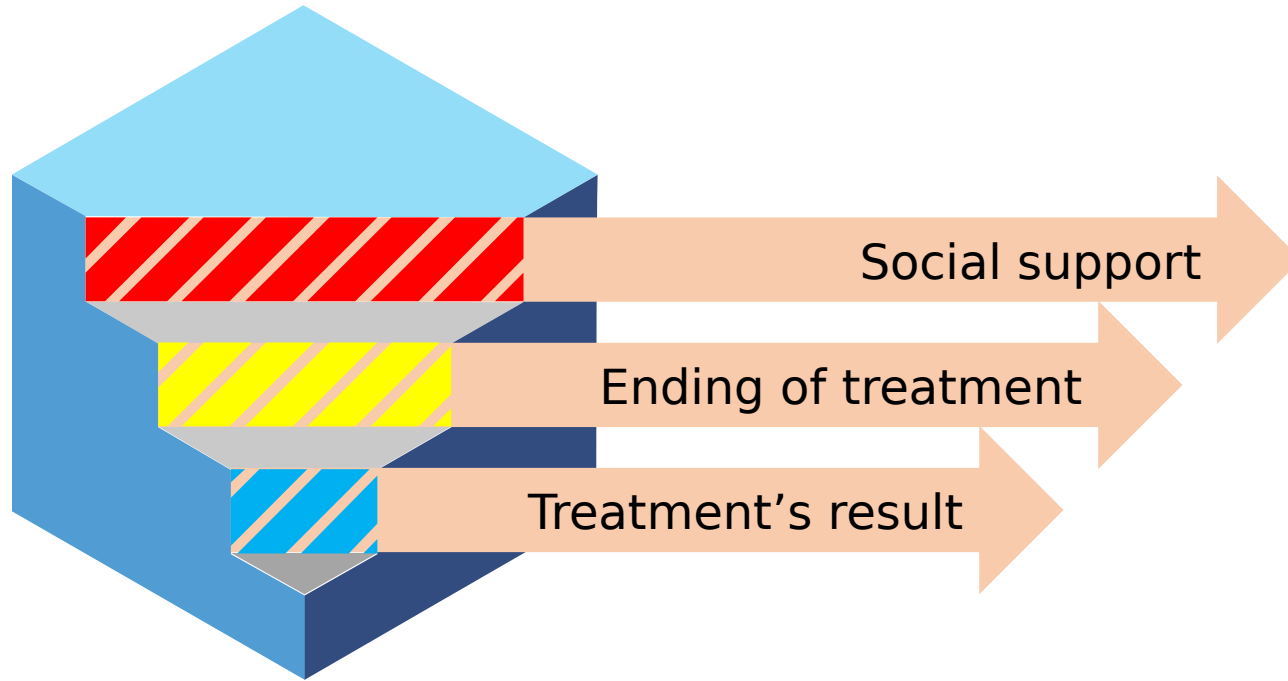


Positive communication with state TB services & parallel monitorinh by NGOs

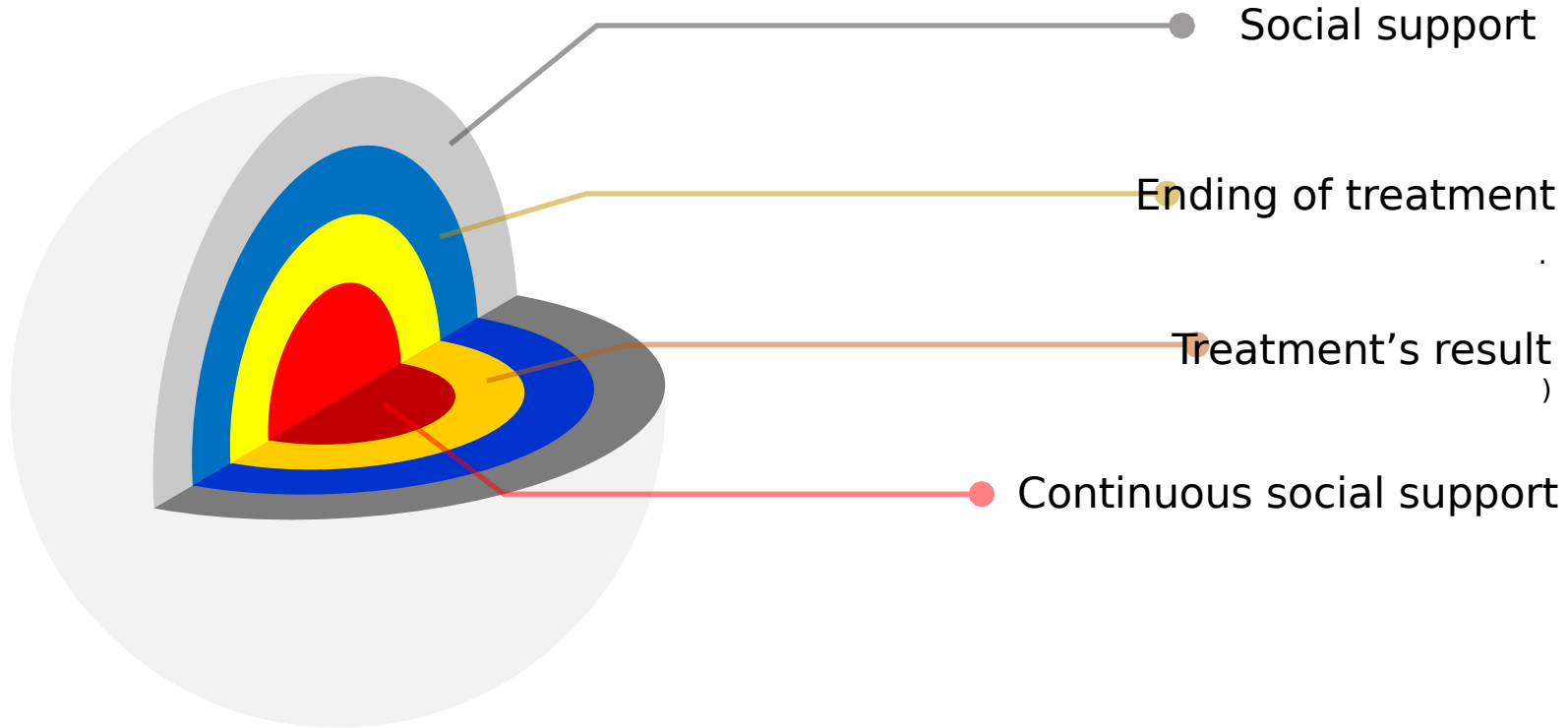
TB-directions in 2018 : Strategic goals



Result-oriented bonuses' system for new-onset TB cases – sensitive TB



Result-oriented bonuses' system for MDR-TB cases



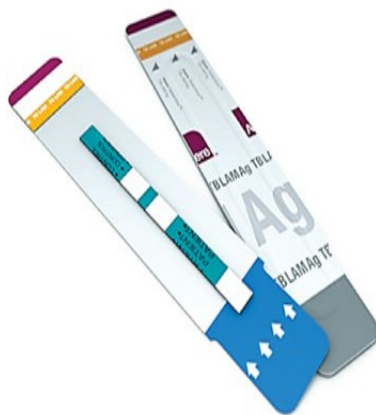
All Ukrainian Network PLWH takes an active part in the work on the development of a new National clinical Protocol "Providing of the medical care to TB patients"

Important updates :

1. Consolidation of protocols of providing medical care to tuberculosis patients to children and adult patients with co-infection of HIV/TB into one document.
2. TB screening
3. Chemoprophylaxis of tuberculosis
4. Updated algorithm for the TB diagnosis among PLWH (including LAM-Tests)
5. Updated Management of TB patients
6. Classification of TB drugs (new TB drugs)

Implementation of modern methods of TB diagnosis among PLWH in Ukraine

LF-LAM test - lateral flow urine lipoarabinomannan assay



WHO recommendations to the LF-LAM usage (2015)



LAM-Tests in Ukraine

WHEN TO APPLY?

The difficulty of identifying TB routine methods in patients with HIV/AIDS:

- through meager/missing bacterial excretion at the TV

Extrapulmonary TB

- Increase of sensitivity

(and thus the increase of detection of TB) while the use of smear examinations / Gene

WHERE TO APPLY?

- AIDS centers
- In places with complicated access to specialized TB diagnosis (ambulatory family medicine, penitentiary institutions, FAP)

Preventive treatment with isoniazid (WHO recommendation)

The level of prescription of preventive treatment with isoniazid among HIV-infected persons in Ukraine is insufficient

2016 - only 63.8% of patients were prescribed treatment
(from real necessary needs)

Infection Control-necessary and urgent steps in Ukraine

Must Done-1

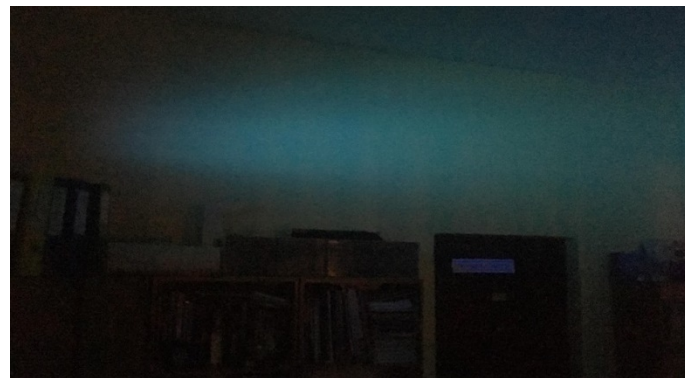
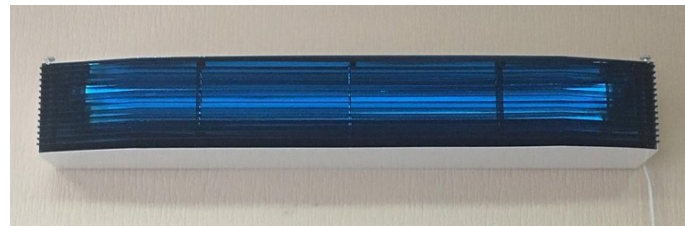
- ❑ Approval of the IC State strategy
- ❑ Approval of the Operational plan for the IC implementation
- ❑ Development and approval of National IC Standard
- ❑ Development and approval of State Sanitary Standards and Regulations
- ❑ Development and approval of Building Standards and Regulations for Health Care Facilities
- ❑ Revision of Licensing and Accreditation standards for Health Care Facilities



Historical and current data

McGraw

- ❑ Creation and improvement of IC training programs
- ❑ Development and approval of the procedure of epidemiological surveillance
- ❑ Adaptation of the legal documentation on the
- ❑ Compliance of EUCASTA
- ❑ Creation of Reporting to international system CAESAR



Cooperation between NGOs, PLWH communities/key groups and the public sector is the basis for success and real changes in the country



ІНФЕКЦІЙНИЙ
КОНТРОЛЬ
В УКРАЇНІ



ЦЕНТР
ГРОМАДСЬКОГО
ЗДОРОВ'Я

A wide-angle photograph of a lush, golden wheat field stretching to the horizon under a vibrant blue sky with a few wispy clouds. The text "Thanks for Your Attention!!!" is centered in the upper half of the image.

Thanks for Your Attention!!!