



# **Vaccination Programmes targeting newly arrived migrants in the Mediterranean Basin and Black Sea**

## **CROATIA**

**Workshop “Vaccine Preventable Diseases in the Mediterranean Basin and Black Sea: immunization strategies and coverage in the general population and the newly arrived migrants - the ProVacMed network”**

Rome, 16-17 June 2016



September 17, 2015: Over 11 000 migrants crossed Croatian border in one day!

## Migrant crisis in Croatia

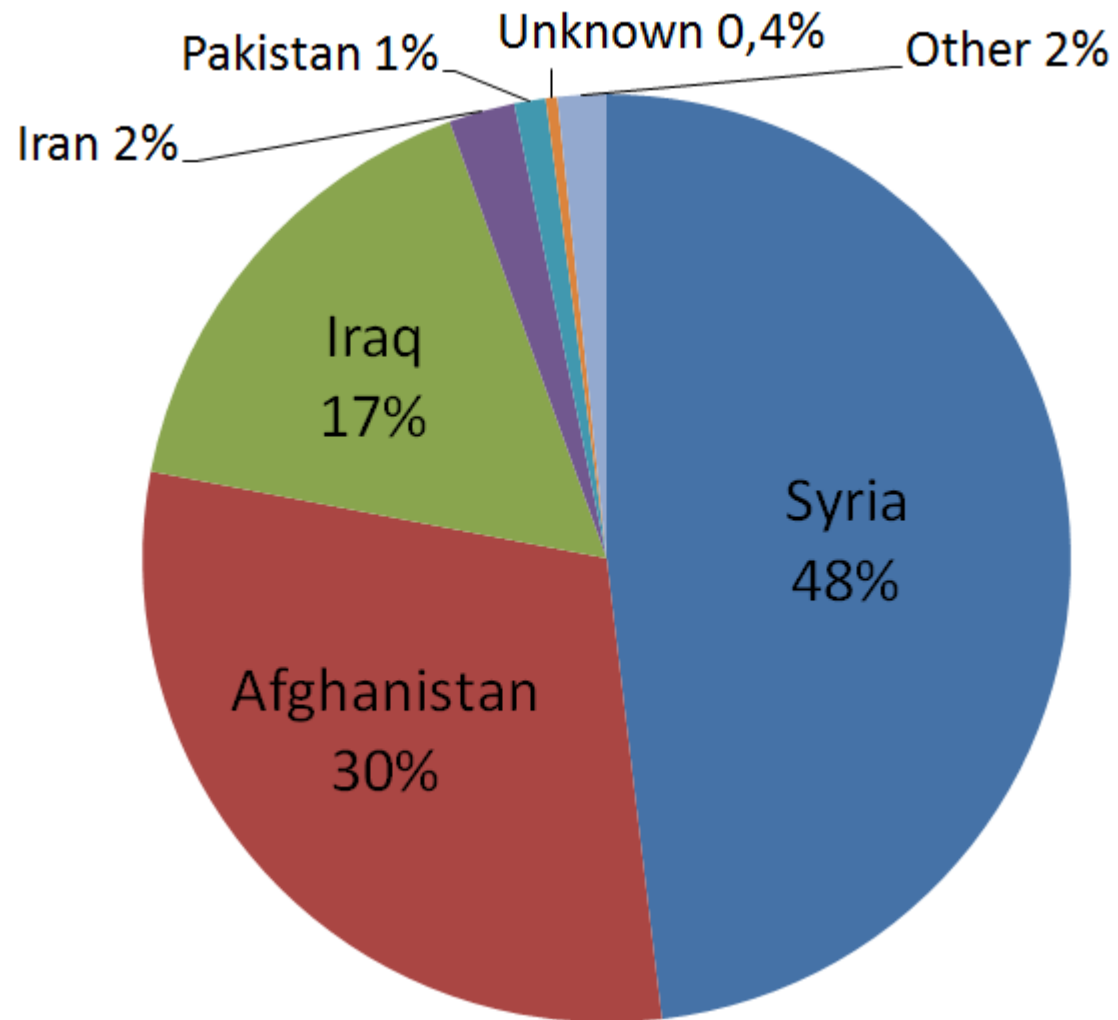
- several reception centers (Kutina, Ježevo, Porin, Zagreb fair)
- two transit migrant camps:
  - camp **Opatovac** (17.9. – 4.11.2015.), ~ 4000 persons
  - camp **Sl. Brod** (4.11.2015. – 15.4.2016.), ~ 5000 persons

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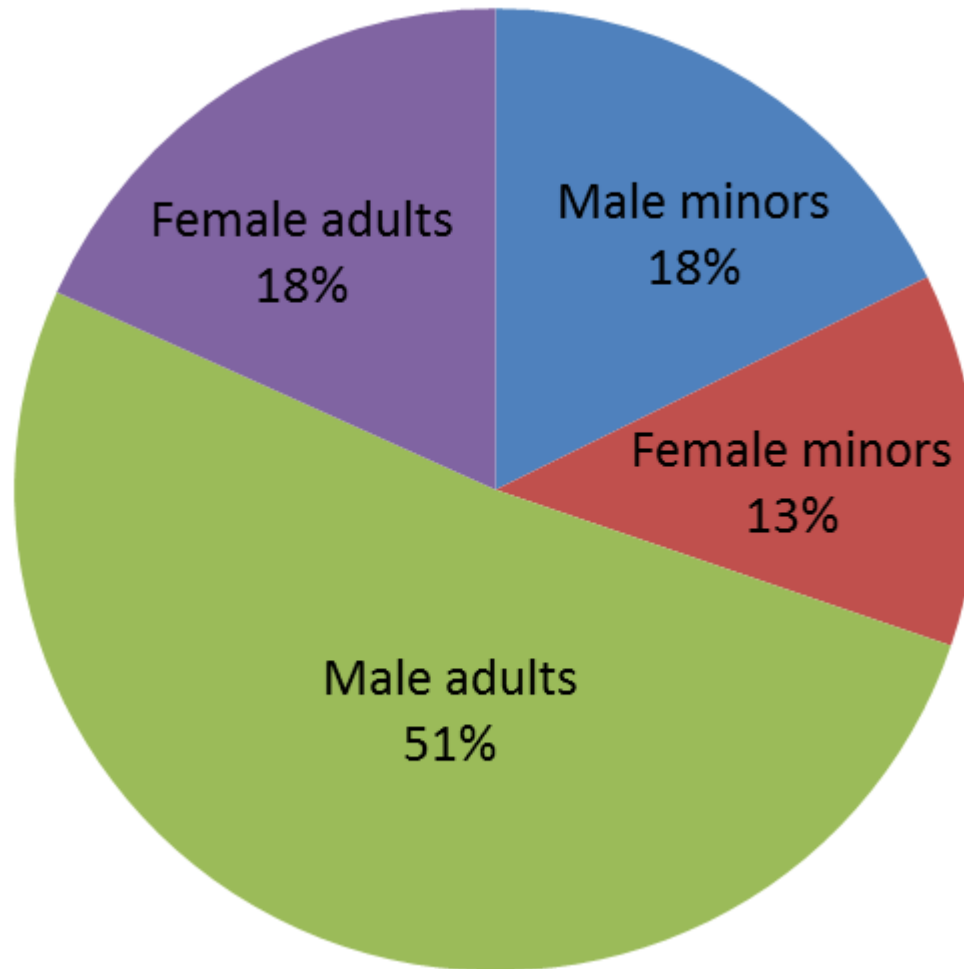
Migrant center	Males	Females	Total
Opatovac	197 803	69 656	267 459
Slavonski Brod	220 595	116521	337116
Total	418 398	186 177	604 575

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# Migrants by country of origin



# Migrants by age and gender



69,2% males  
30,8% females

30,3% minors  
69,7% adults





**MEDICAL CARE 24/7**



## Legal framework

- Act on International and Temporary Protection
- Act on Protection of Population against Communicable Diseases
- Regulation on the content of medical examination of asylum seekers, asylees, foreigners under temporary protection and foreigners under subsidiary protection

## Health-care in MIGRANTS

- 24/7 emergency health-care free of charge
- different health-care protocols for:
  - migrants in transit (up to max.48hrs stay)
  - asylum seekers
- health care provision to migrants actively seeking help
- 24/7 medical teams, physician and nurse, within the camp; inpatient care unit (10 beds) within the camp
- referral to the nearby hospital if required



# Medical visits and hospitalization

Primary health care (GP)	18 901
Emergency health care	4 563
Hospital health care	794
Inpatient care (camp Sl. Brod)	1 557
Total	25 815

- **Most common diagnosis:**
  - PHC: exhaustion, dehydration, injuries, hypothermia, fever, ac.respiratory sy, ac. gastrointestinal sy
  - Hospital: chr. renal failure, diabetes, dehydration, AMI, injuries, burns, skin infection, pregnancy (delivery, complications)
- **Vaccination** – Hepatitis B postexposure prophylaxis in newborns

## Health-care in ASYLUM SEEKERS

- implementation of 21-days health monitoring
- initial medical examination by contracted GPs working closely with the local epidemiologist
- medical history and physical examination
- blood and stool sample collection (*S.typhi*, *Shigelle* etc – according epidemiological indication)
- Chest X-ray (TB), younger women and children < 14yrs: PPD skin test

## Approved international protection in Croatia in 2006 - 2015

	Asylum seekers	Subsidiary protection	Total
2006 - 2015			
Male	74	48	122
Female	23	23	46
Total	97	71	168

- EU relocation and resettlement process - plan to receive 1600 migrants until the end of 2017

**ZDRAVSTVENA SVJEDODŽBA**  
o određenim zaraznim bolestima

Tražitelj azila: ime i prezime \_\_\_\_\_ spol \_\_\_\_\_  
datum rođenja \_\_\_\_\_ mjesto rođenja \_\_\_\_\_  
zemlja rođenja \_\_\_\_\_

pregledan je u ovoj zdravstvenoj ustanovi, i uvrđeno je da:

1. nema/ima aktivnu tuberkulozu; RTG nalaz:..... ppd test, očitavanje.....
  2. nema/ima trbušni tifus, niti je kliconoša; stolica na *S. typhi*: negativna pozitivna
  3. ne nosi i ne izlučuje/nosi ili izlučuje slijedeće mikroorganizme:
 

shigella	nalaz pretrage stolice: negativan pozitivan .....	
amoeba hystolitica	nalaz pretrage stolice: negativan pozitivan .....	
Giardia lamblia	nalaz pretrage stolice: negativan pozitivan .....	
nematodi, drugi	nalaz pretrage stolice: negativan pozitivan .....	
shistostoma urin:	negativan pozitivna ..... stolica: negativna pozitivna .....	
leishmaniasis	pretraga krvi na protutijela: negativna pozitivna	
lepra	pretraga krvi negativna pozitivna	
malaria	pretraga krvi: gusta kap i razmaz: negativno pozitivno.....	
	pretraga krvi na protutijela ELISA testom: negativno pozitivno.....	
- Osnovne laboratorijske pretrage: SE..... L:.....  
ne govore/govore za infektivnu bolest sedimentacija ukupni leukociti  
diferencijalna krvna slika:.....  
.....

Drugi važniji nalazi

Cijepni status:

CJEPIVO	nema podataka	necijepljen	cijepljen	nepotpuno cijepljen	datum posljednje doze
Di Te Per					
polio					
MRP					
Haemophilus influen- zae tip B					
Hepatitis B					
BCG (ožljak)					

Provedene imunizacije za vrijeme statusa tražitelja azila:  
morbili/datum \_\_\_\_\_ polio/datum \_\_\_\_\_ Di Te/datum \_\_\_\_\_

Nalaz:

Na temelju obavljenih pregleda i pretraga ustanovljuje se da tražitelj azila ne boluje od zaraznih bolesti uključenih u program pregleda, niti izlučuje njihove uzročnike te da je obavio potrebna cijepljenja.

Mjesto i datum.....

Potpis liječnika

Ustanova.....

Nalaz (ispunjava se u slučaju utvrđivanja neke zaraze):

Na temelju obavljenih pregleda i pretraga ustanovljuje se da tražitelj azila boluje od ili izlučuje uzročnike slijedećih zaraznih bolesti .....

Napomena o liječenju:

Mjesto i datum.....

Potpis liječnika

Ustanova.....

# Immunization strategy

- Immunization status determination
- All persons aged < 35 yrs:
  1. MMR - one dose
  2. IPV – one odse
  3. Td – one dose
- Children aged  $\leq 14$  yrs :

should receive all vaccines respective to their age according the mandatory Croatian immunization programme, free of charge.

## Challenges and lessons learned



- Existing legal framework
- Developed protocols for migrants & asylum seekers



- Lack of coverage data on migrants immunization
- Lack of systematic health monitoring along migrant route
- Need of additional training for health personnel working with migrants





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