

# Operations of the Virtual Medical Consilium during humanitarian crisis



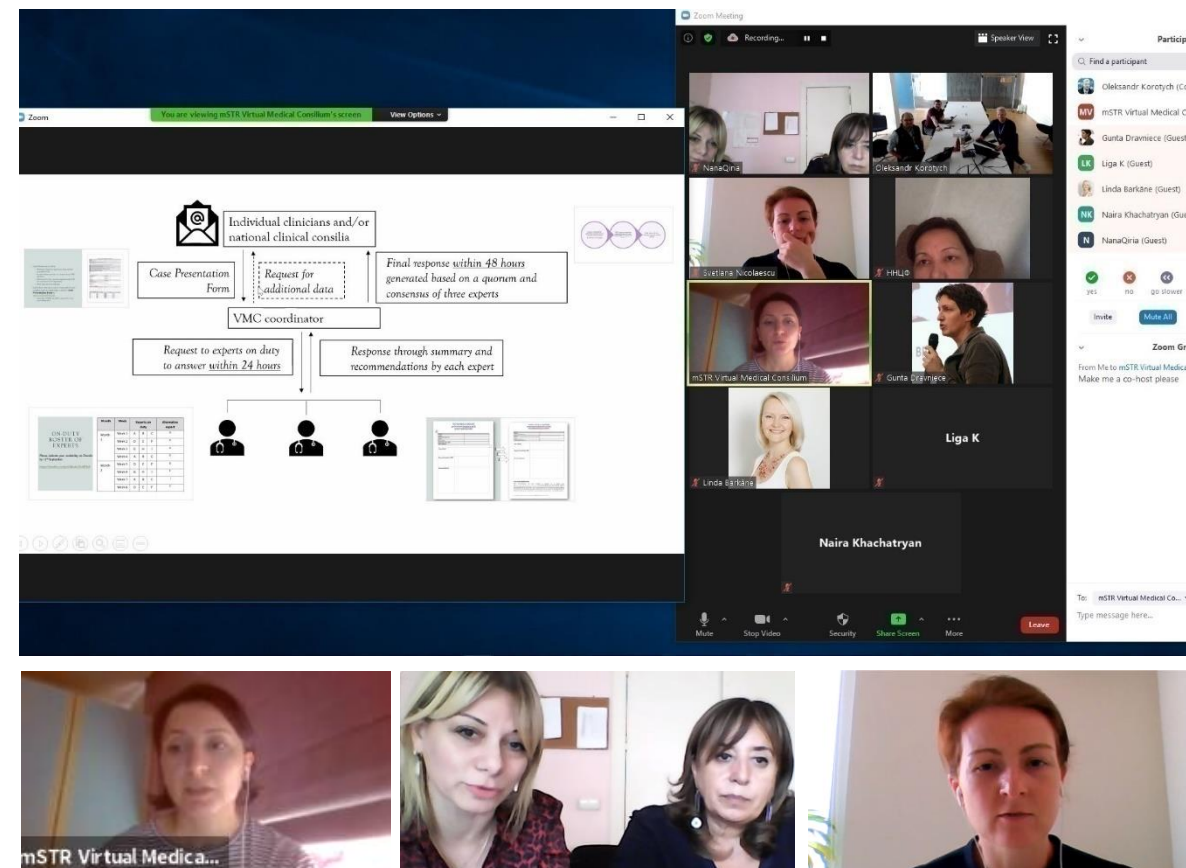
**Dr Elmira GURBANOVA, VMC coordinator**

14<sup>th</sup> webinar of the Virtual Medical Consilium (VMC) of the WHO Regional Office for Europe. 1 April 2022

# Virtual Medical Consilium (VMC)

Since 01.10.2020 WHO EURO is providing technical support through a VMC:

- Management of complicated clinical TB cases.
- Management of patients treated within operational research with modified all-oral shorter treatment regimens and BPaL
- Clinical capacity-building through monthly webinars
- Fostering good clinical care in the region.



The screenshot displays a Zoom meeting interface. The main content is a slide titled 'mSTR Virtual Medical Consilium' which details the workflow:

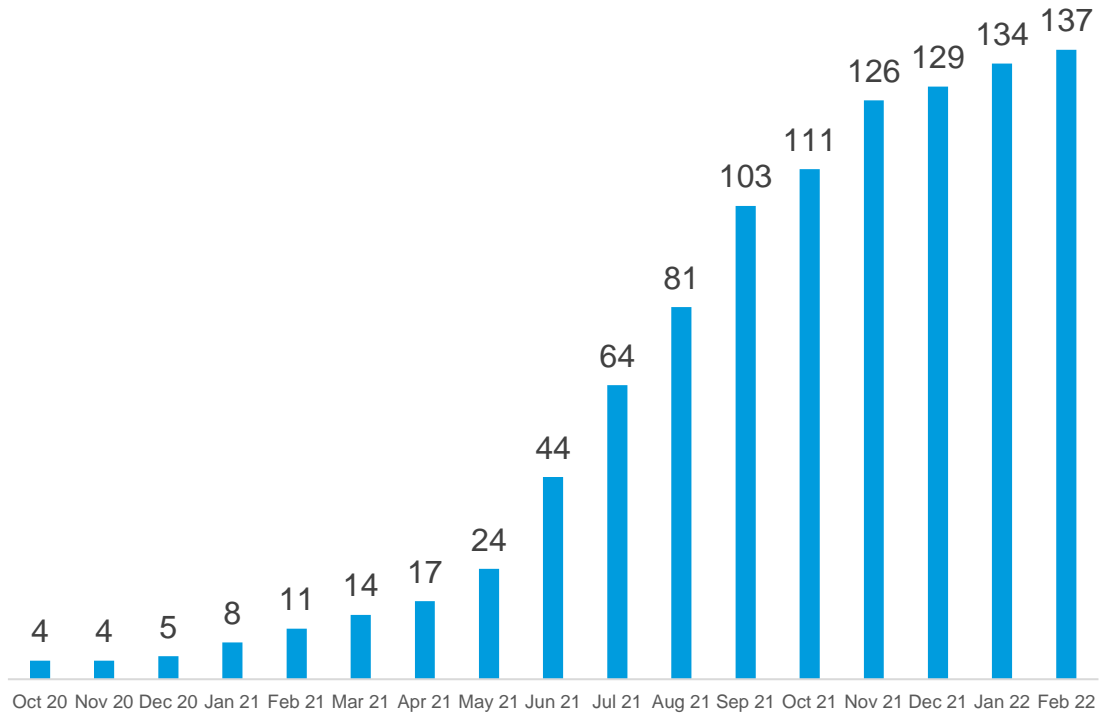
- Individual clinicians and/or national clinical consilia** provide input.
- A **Case Presentation Form** is submitted, leading to a **Request for additional data**.
- The **VMC coordinator** manages the process.
- A **Request to experts on duty to answer within 24 hours** is sent.
- Experts provide a **Response through summary and recommendations by each expert**.
- A **Final response within 48 hours generated based on a quorum and consensus of three experts** is produced.

Below the slide, there is a table titled 'QUALIFIED ROSTER OF EXPERTS' with columns for Name, Email, and Availability. The table lists several experts and their status.

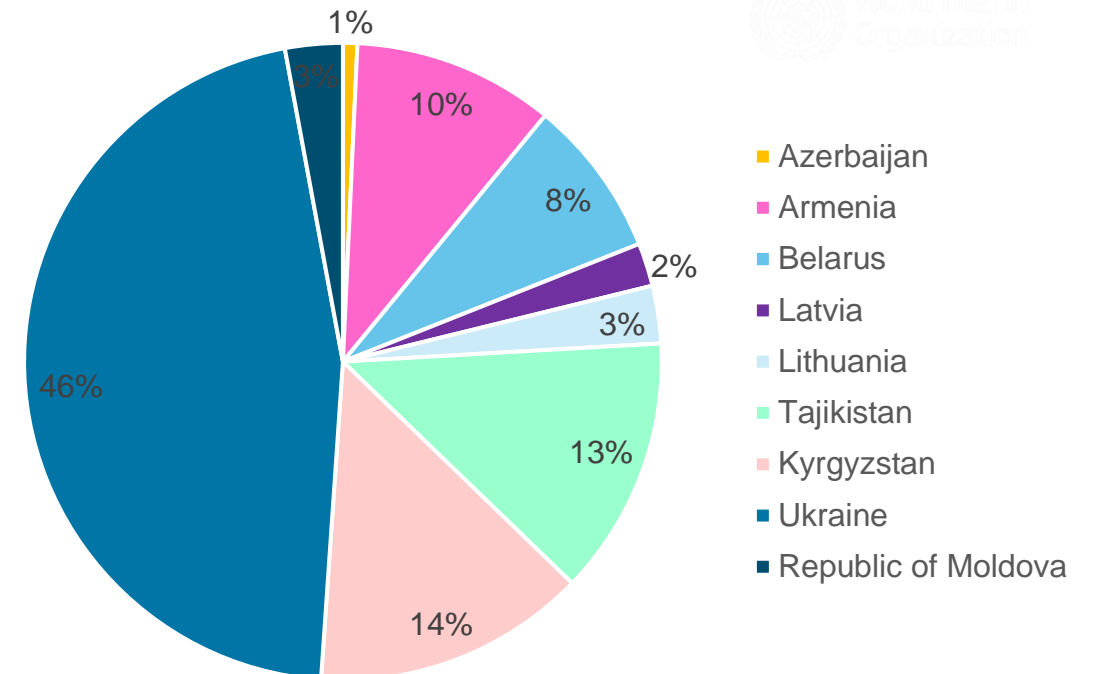
On the right side of the Zoom window, a grid of participants is visible, including NanaQiria, Aleksandr Korotych, Naira Khachatryan, and others. A 'Participants' list on the far right shows names and roles like 'mSTR Virtual Medical Consilium' and 'Guest'.

# VMC consultations

Cumulative number of consultations



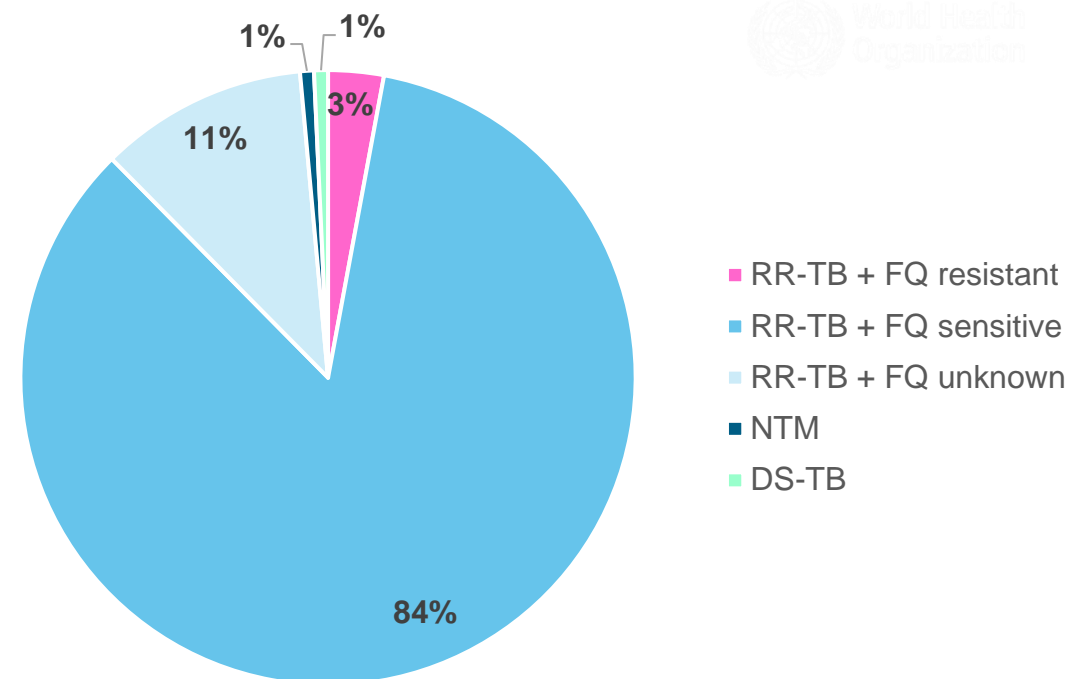
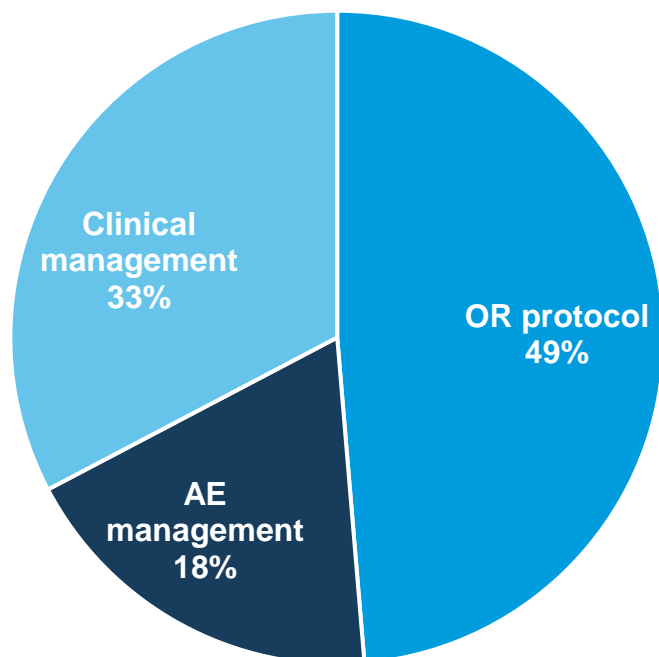
Consultations by country, %



# Average response time - 39 h (22h – 48h)

Average age of patients – 40 y.o. (3 month old – 82 y.o.)

14% pediatric cases; 16% HIV co-infection



# Case presentation and VMC response

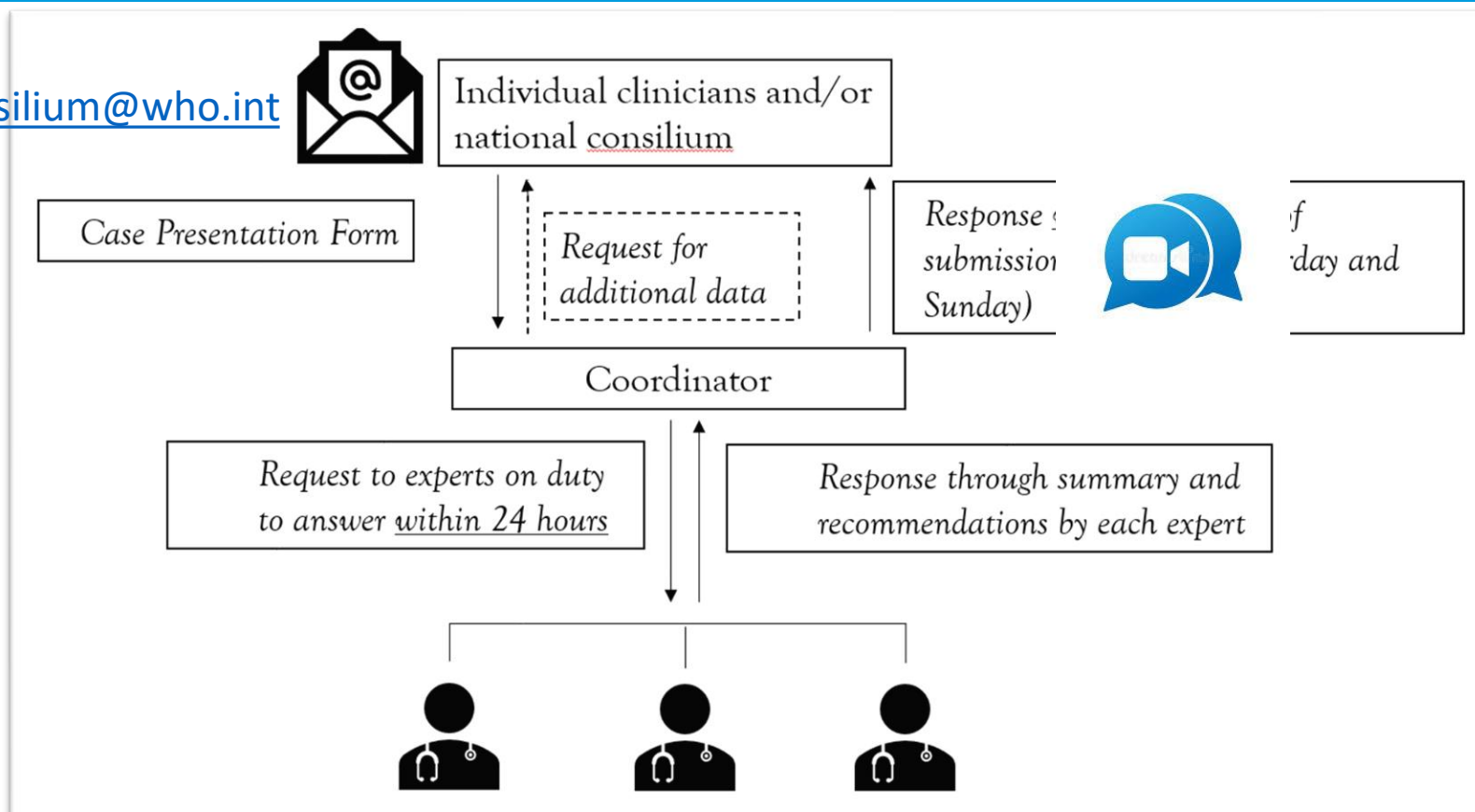
## VMC members

Dr Alena Skrahina  
 Dr Elmira Berikova  
 Dr Gunta Dravniece  
 Dr Kai Blondal  
 Dr Linda Barkane  
 Dr Liga Kuksa  
 Dr Nana Kiria  
 Dr Naira Khachatryan  
 Dr Nino Lomtadze

Dr Elmira Gurbanova  
*(Coordinator)*

Case presentation form is available at <https://eurotb.net/VMCWebinarsArchive>

[mstrconsilium@who.int](mailto:mstrconsilium@who.int)





# Case presentation form

## Page 1

VIRTUAL MEDICAL CONSILIUM CASE PRESENTATION FORM

Country	
Date of birth (MM/YYYY)	
Gender	
Presented by	
Date of presentation	

CASE SUMMARY

(Case (new/previously treated); site of disease (pulmonary/extrapulmonary); HIV test result and date; contact history; current condition, treatment regimen, response and adherence; question to the Virtual Medical Consilium and management proposed by treating clinician)

## Page 2

Previous TB treatment episodes:

Date started	Date stopped	Regimen	Outcome

Smear and culture results at baseline (BL) and during treatment:

Month of treatment	Date of sample	Smear result	Date of sample	Culture result
BL				
1				
2				
3				
...				

DST results (phenotypic and/or molecular) at baseline (BL) and during treatment:

Month of treatment	Date of sample	Lab method	H	R	E	Z	S	Am	Lfx	Mfx	Eto/Pto	Cs	PAS	Bdq	Lzd	Cfz	Dlm
BL																	
1																	
2																	
3																	
...																	

Treatment - drug and dosage:

Date of start	Lfx	Bdq	Lzd	Cfz	Cs	Dlm	Pretomanid	...						

Weight monitoring (monthly):

Month of treatment	BL	1	2	3	4	5	6	7	8	9	Height (cm)
Weight (kg)											

## Page 3

Examinations:

A. ECG (dates and summary (including QTcF)):

B. Chest X-Ray (dates and summary):

C. Other tests (dates and summary):

D. The most recent clinical/biochemical laboratory results:

Date of sample:	Parameter	Result	Unit	In case of abnormal result, please, indicate baseline and results in dynamics
	Hb			
	WBC			
	PLT			
	RBC			
	Creatinine			
	eGFR			
	K			
	Mg			
	Na			
	Bilirubin			
	ALT			
	AST			
	Albumin			
	Glucose			
	Lipase			
	If HIV+ CD4			
	If HIV+ VL			
	Hepatitis C test			
	Hepatitis B test			
	COVID-19 test			

Information on co-morbidities, history of alcohol abuse, illicit drug use, psychosocial history; adverse events:

# VMC webinars

Available at <https://eurotb.net/VMCWebinarsArchive>

Introduction to  
mSTR OR and  
work of VMC

Linezolid-related  
AEs and its  
management

MDR/RR-TB and  
Hepatitis C co-  
infection

TB and Diabetes  
Mellitus

DR-TB and HIV co-  
infection

BPaL regimen

Good clinical  
practice within  
mSTR

Alcohol  
dependance and  
MDR/RR-TB

Cardiotoxicity and  
TB

TB and COVID-19

TB in prisons

MDR/RR-TB and  
management of  
kidney failure

AEI in mSTR OR:  
Myelosuppression

# Summary

To make a request to the Virtual Medical Consilium (VMC), send an email with a *Case Presentation Form* to [mstrconsilium@who.int](mailto:mstrconsilium@who.int)

If large files (over 5 MB) are shared, we recommend uploading these files to the cloud: <http://eurotb.net/ConsFilesUpload>. To do so, a new user must register through the following link: <http://eurotb.net/ConsInviteFiles>

Make sure that all submitted documents do not contain patient personal data (full name, address of residence and contact information). If you send results of the laboratory tests or radiography examinations (chest x-rays, CT scans, etc.), patient personal data must be deleted (protected).

In case of any additional questions, please, contact [mstrconsilium@who.int](mailto:mstrconsilium@who.int)



# Thank you!



## WHO Regional Office for Europe

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Marmorvej 51  
Copenhagen Ø  
Denmark



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Europe



Weltgesundheitsorganisation

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Всемирная организация  
здравоохранения

Европейское региональное бюро