New Emergency Management in a Resilience Era Facing Health, Climate and Energy Challenges

6th to 10th December 2021

PANDEMIC – NEW OPPORTUNITIES FOR EMERGENCY MEDICAL SERVICES

Chaim Rafalowski

Magen David Adom israel

Roles - MDA law and regulations

| National blood service | National EMS (Emergency Medical | Disaster Preparedness | AUXILIARY TO THE IDF AND CIVIL DEFENSE DURING CONFLICT AND LARGE SCALE EMERGENCIES |

Human Resources

MAGEN DAVID ADOM IN ISRAEL
מגן דוד אדום בישראל
זה עניין של חיים

25,000 Volunteers

~500 National Service Volunteers

3,500 Paid Staff

5,800 First Responders

17,200 Life Guardians

בוא להיות נאמן חיים במד"א ותציל את מי שקרוב אליך

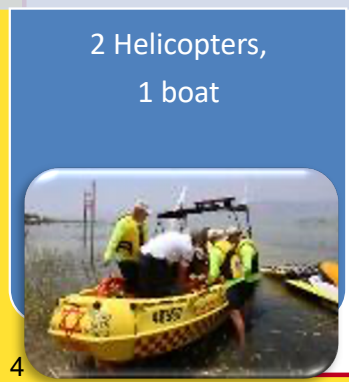# Operational Activity

8,000,000
Phone calls (2020)

↔

782,000<
Emergency Dispatches

10 Regions

8 Reginal dispatches

1 National dispatch

2 Helicopters, 1 boat

525 ,Motorcycles ,Bicycles 200< Electrical 80 vehicles

1,273 ALS + BLS units

units

4

MDA activities – COVID 19 (as part of the Health Care System)

Pre-hospital treatment and transportation of suspected and confirmed COVID 19 cases

Public education and Community mobilization

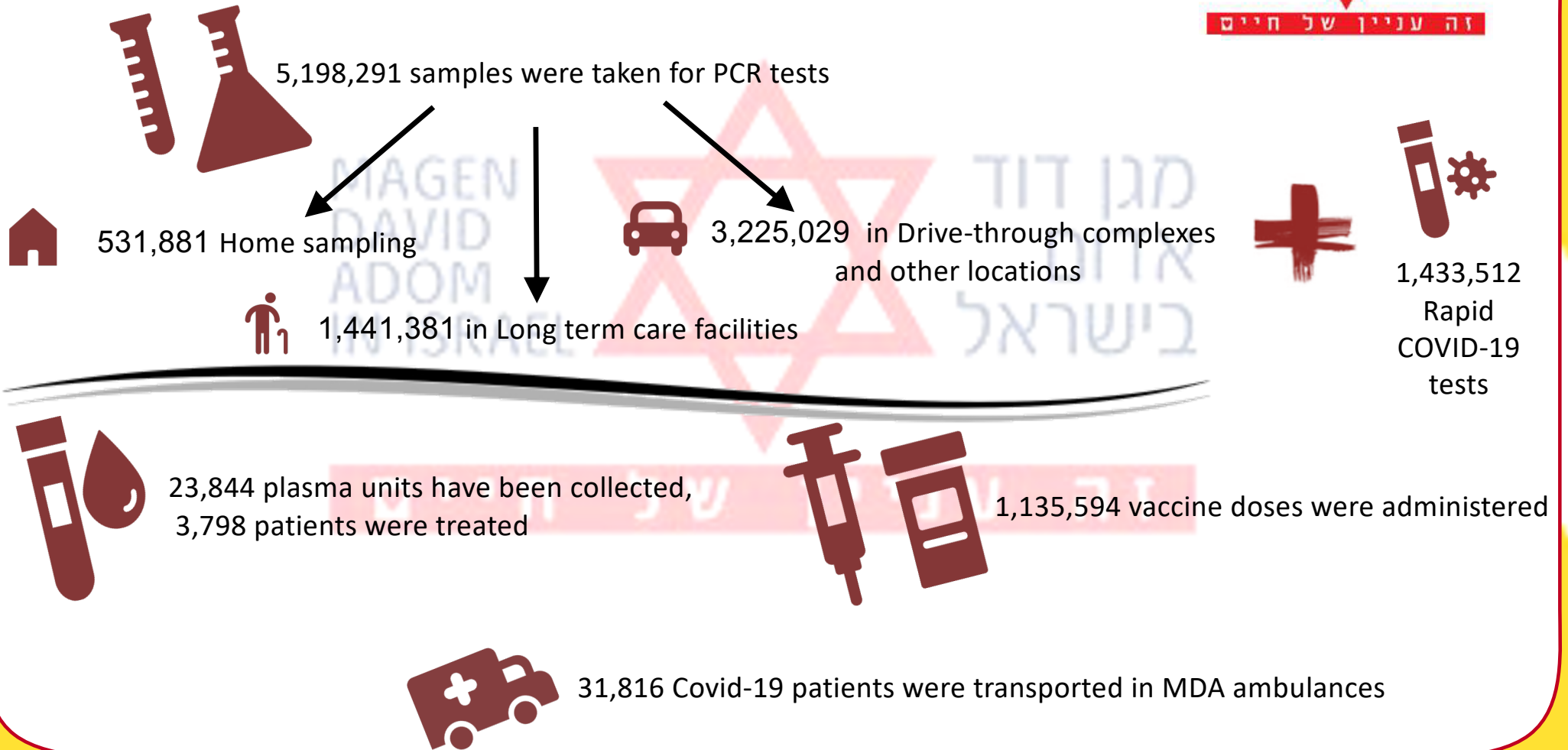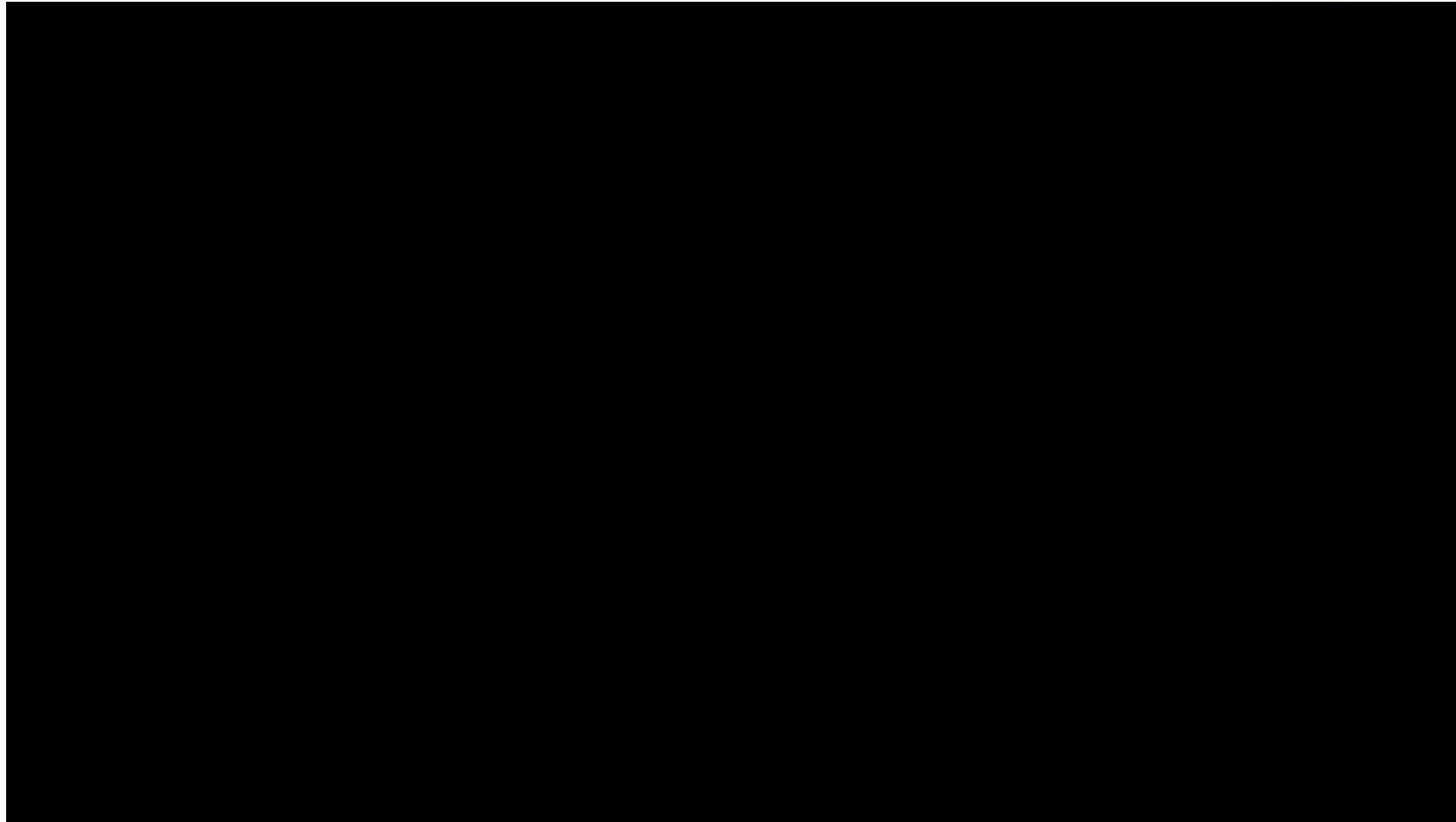Collecting convalescent plasma form recovering COVID patients

Sampling for COVID 19 tests

Vaccination against COVID 19

MDA COVID operation

5,198,291 samples were taken for PCR tests

531,881 Home sampling

3,225,029 in Drive-through complexes and other locations

1,441,381 in Long term care facilities

1,433,512 Rapid COVID-19 tests

23,844 plasma units have been collected, 3,798 patients were treated

1,135,594 vaccine doses were administered

31,816 Covid-19 patients were transported in MDA ambulances

NO-FEAR

Network Of practitioners For Emergency medicAl systems and cRitical care

This project has received funding from the E[...]
Horizon 2020 programme, under grant agre[...]

UPO UNIVERSITÀ DEL PIEMONTE ORIENTALE
RESEARCH CENTER IN EMERGENCY
AND DISASTER MEDICINE
CRIMEDIM

NO FEAR
Network Of practitioners For Emergency medicAl systems and cRitical care

NO-FEAR project objectives

NO-FEAR brings together a pan-European and beyond network of practitioners, suppliers, researchers and policy makers, with the goal to

- Achieve a common understanding of needs and priorities

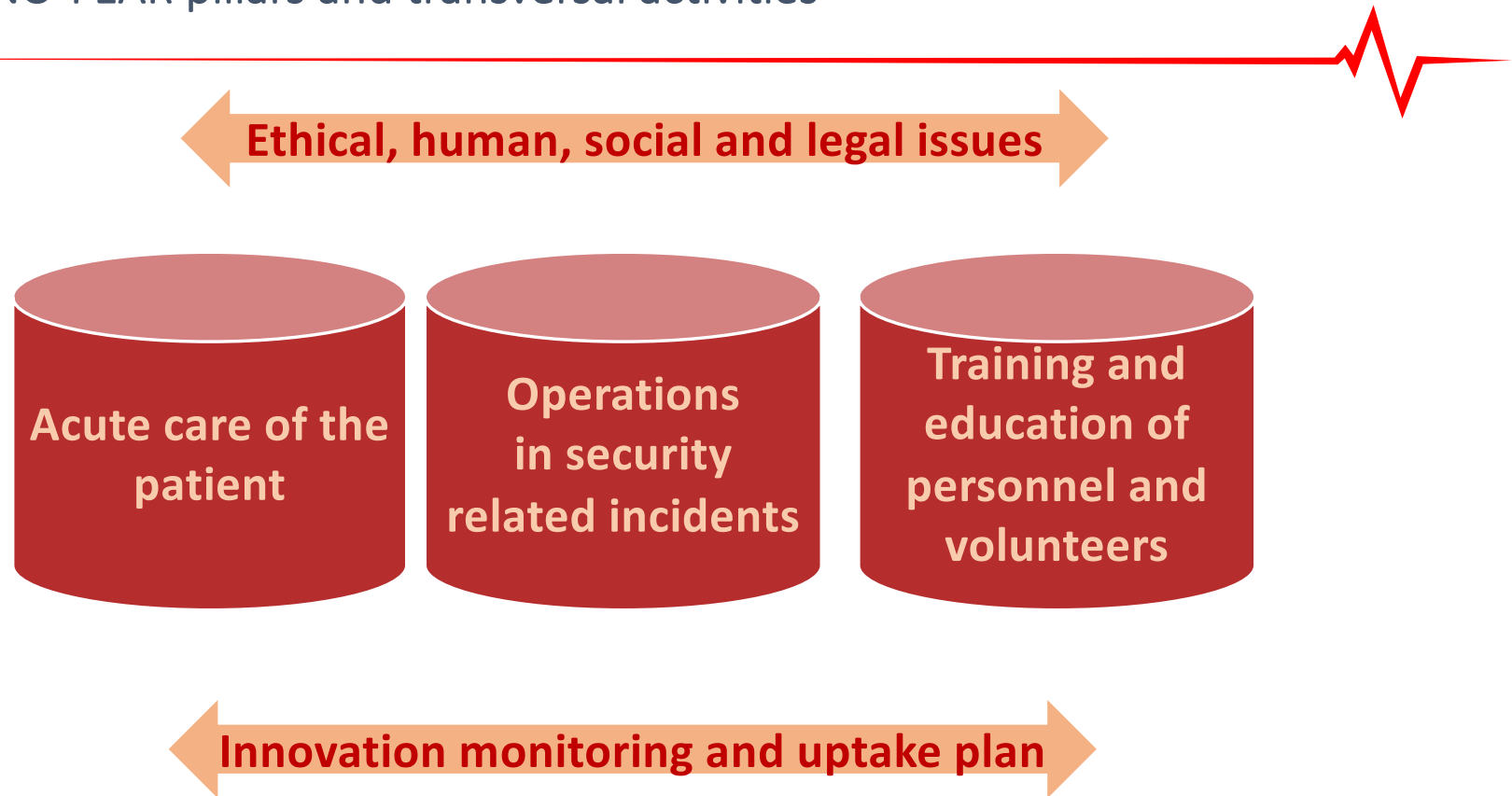- fill operational gaps and

- pinpoint areas for future research

NO-FEAR and Covid 19 pandemic

Jan 16, 2020	Workshop on hospital preparedness and security in Tel Aviv
Jan 24, 2020	First COVID-19 cases reported in EU
March 9, 2020	First NO-FEAR webinar on COVID-19 response
March 11, 2020	Director General of the World Health Organization declares COVID-19 a global pandemic

March 9, 2020:
NO-FEAR launches its webinar series focused on COVID 19,
aiming at

Involving its strong existing global network of practitioners involved first-hand in the COVID-19 response

Creating opportunities for "quick and dirty" exchanges of information, practices, lessons learned
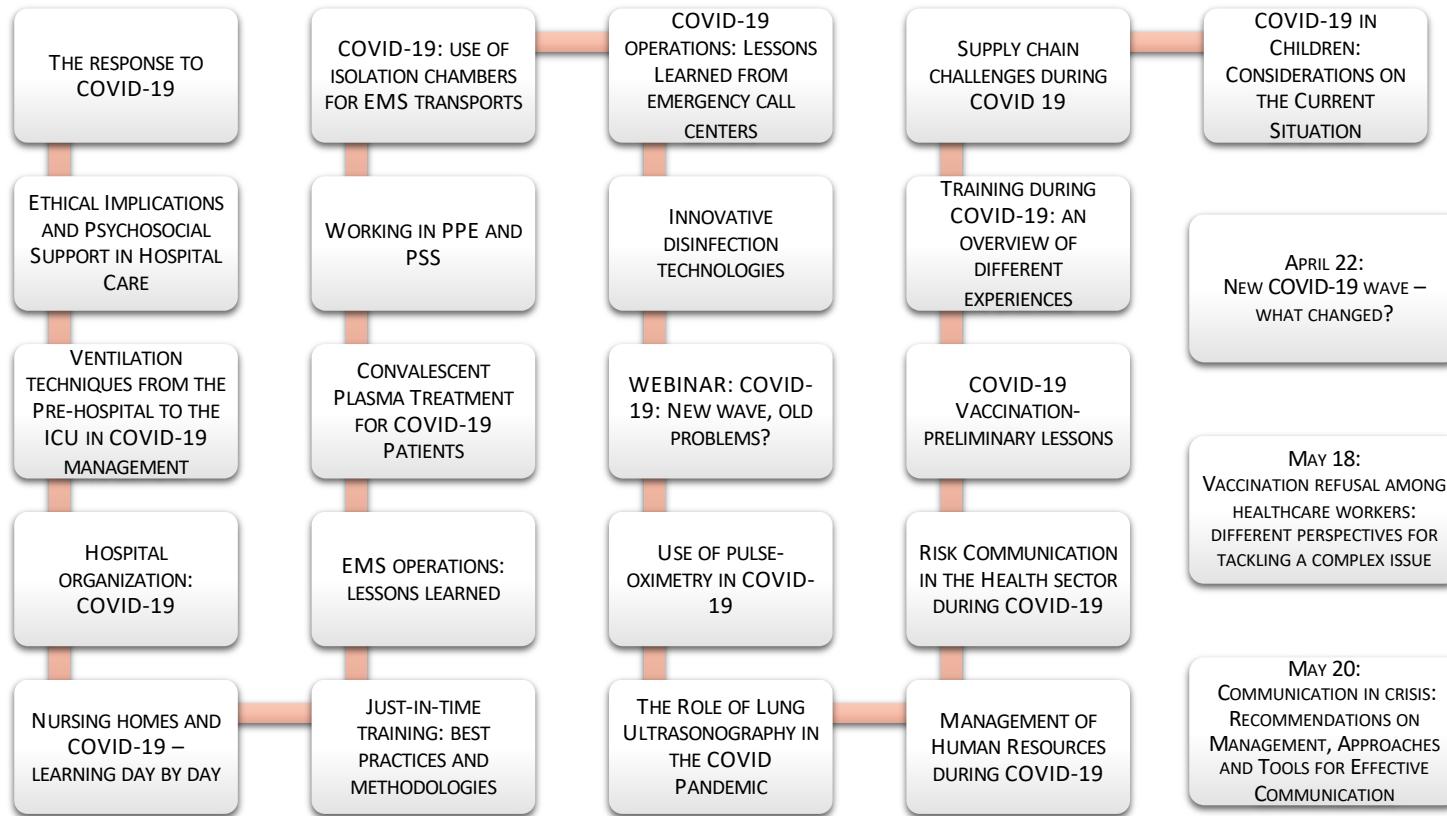
Exploring how different countries responded to the same challenges in different stages of the pandemics

Investigating the availability of newly developed tools or services for the COVID-19 response

NO-FEAR webinar series

THE RESPONSE TO COVID-19

ETHICAL IMPLICATIONS AND PSYCHOSOCIAL SUPPORT IN HOSPITAL CARE

VENTILATION TECHNIQUES FROM THE PRE-HOSPITAL TO THE ICU IN COVID-19 MANAGEMENT

HOSPITAL ORGANIZATION: COVID-19

NURSING HOMES AND COVID-19 – LEARNING DAY BY DAY

COVID-19: USE OF ISOLATION CHAMBERS FOR EMS TRANSPORTS

WORKING IN PPE AND PSS

CONVALESCENT PLASMA TREATMENT FOR COVID-19 PATIENTS

EMS OPERATIONS: LESSONS LEARNED

JUST-IN-TIME TRAINING: BEST PRACTICES AND METHODOLOGIES

COVID-19 OPERATIONS: LESSONS LEARNED FROM EMERGENCY CALL CENTERS

INNOVATIVE DISINFECTION TECHNOLOGIES

WEBINAR: COVID-19: NEW WAVE, OLD PROBLEMS?

USE OF PULSE-OXIMETRY IN COVID-19

THE ROLE OF LUNG ULTRASONOGRAPHY IN THE COVID PANDEMIC

SUPPLY CHAIN CHALLENGES DURING COVID 19

TRAINING DURING COVID-19: AN OVERVIEW OF DIFFERENT EXPERIENCES

COVID-19 VACCINATION- PRELIMINARY LESSONS

RISK COMMUNICATION IN THE HEALTH SECTOR DURING COVID-19

MANAGEMENT OF HUMAN RESOURCES DURING COVID-19

COVID-19 IN CHILDREN: CONSIDERATIONS ON THE CURRENT SITUATION

APRIL 22: NEW COVID-19 WAVE – WHAT CHANGED?

MAY 18: VACCINATION REFUSAL AMONG HEALTHCARE WORKERS: DIFFERENT PERSPECTIVES FOR TACKLING A COMPLEX ISSUE

MAY 20: COMMUNICATION IN CRISIS: RECOMMENDATIONS ON MANAGEMENT, APPROACHES AND TOOLS FOR EFFECTIVE COMMUNICATION

What have we learned?

- EMS can and should be involved in a public health emergency

- Our volunteers and staff are our TRUE POWER

- Trust is key (sampling, quarantine, vaccination).

- Community engagement is key for trust.

- Risk communication in times of social media, is A NEW GAME!

- Transparency and real time communication are key.

- We must take care of our team needs

- *Importance of real time experience sharing*

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Challenges:

- Effective risk communication?

- Team members retention and recruitment

- Re thinking training, skills acquisition and retention

- Better Home care

- What is there to stay?

NO-FEAR

Thank you

Take good care of yourself, yours and your team!