



Network Of practitioners For Emergency medical
systems and cRitical care



This project has received funding from the European Union's
Horizon 2020 programme, under grant agreement no. 786670



COVID 19 response Israel- NO FEAR WADEM webinar April 2nd 2020

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A pan-European Challenge

- **Scattered and complex chain of actors in security-related incidents:** EMS, hospital staff, police, firemen, citizens
- **Fear of new threats:** terrorism, armed conflicts, dirty weapons, new infectious diseases
- **Lack of communication between practitioners and suppliers:** suppliers are not aware of the specific needs of practitioners, practitioners are not aware of new products and innovation
- **No common methodologies** and standardized actions



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IN ISRAEL



מגן דוד אדום



The network will be structured along 3 main pillars, with transversal expert groups

Acute care of the patient

- Care in hospital and pre-hospital setting
- Continuity of care between EMS and receiving hospitals
- Psychological support

Acute care operations in security related incidents

- Preparedness, planning and coordination with the authorities before the incident
- Calling, activation of system, scene management and on-site coordination
- Transportation and coordination with treatment facilities

Training and education of personnel and volunteers

- Innovative curricula and training methodologies
- New simulation tools in pre- and in-hospital preparedness and response
- Inclusion of pre-hospital care, disaster and emergency medicine in medical and nursing schools



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The Israeli Health care System

- 9.2 million inhabitants
- Mandatory medical insurance

Ministry of Health

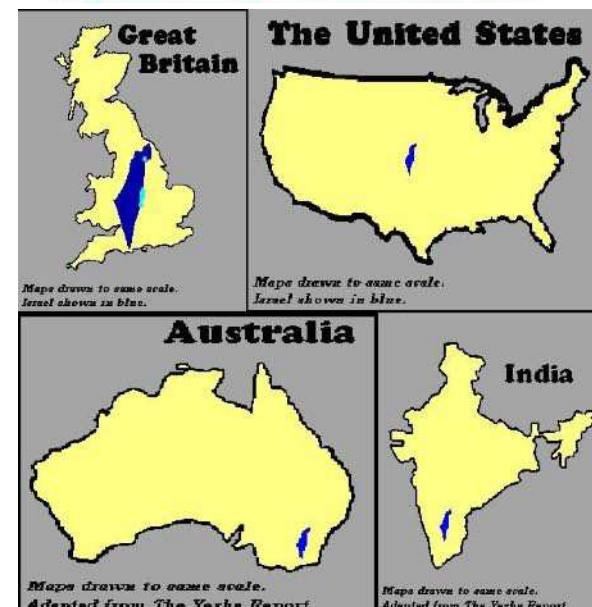
Supreme
emergency
health authority

Primary Health
care(HMO)

General
Hospitals

Pre Hospital
care (MDA)

Private sector



Legal status

- Public Health Act– contagious disease activated Health Care providers – special status
- 14 days mandatory quarantine –
 - Persons who travelled abroad
 - Direct contact with a confirmed case (MOH App)Use of security high technology
- Public gatherings (more 10 persons) prohibited
- Limitations on work, “stay at home”, public transportation, schools closed
- Recommendation to all public to wear face masks in public

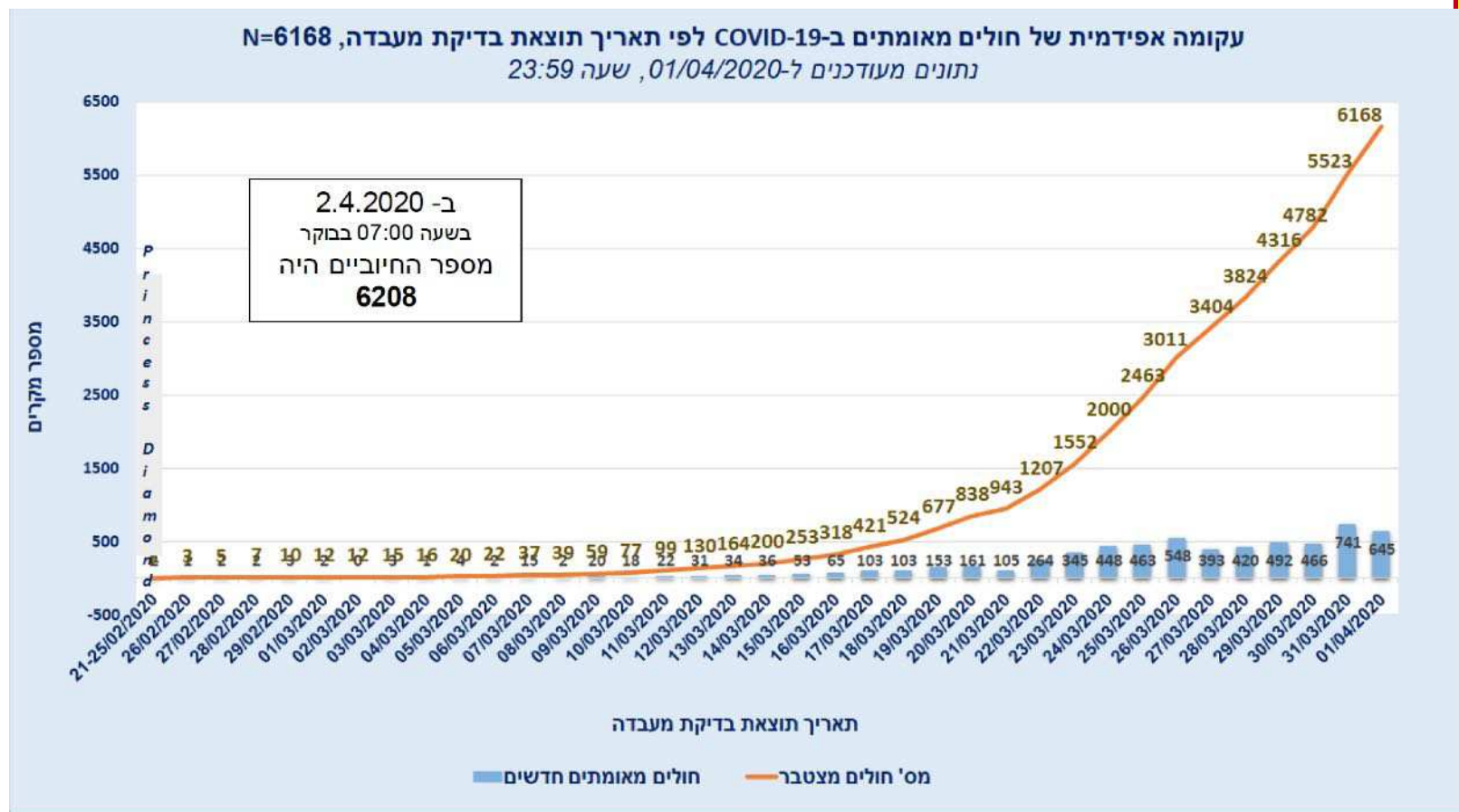


זה עניין של חיים



Situation (2-4 07:00)

- Information distributed by MoH daily
- Confirmed cases – **6211 (645 in last 24h)**
 - Minimum signs – 5659
 - Moderate cases – 127
 - Severe cases – 107 (83)
 - Deaths – 29
 - Recovered – 289
- Home quarantine -
 - Total – 166592
 - At the moment – 34065



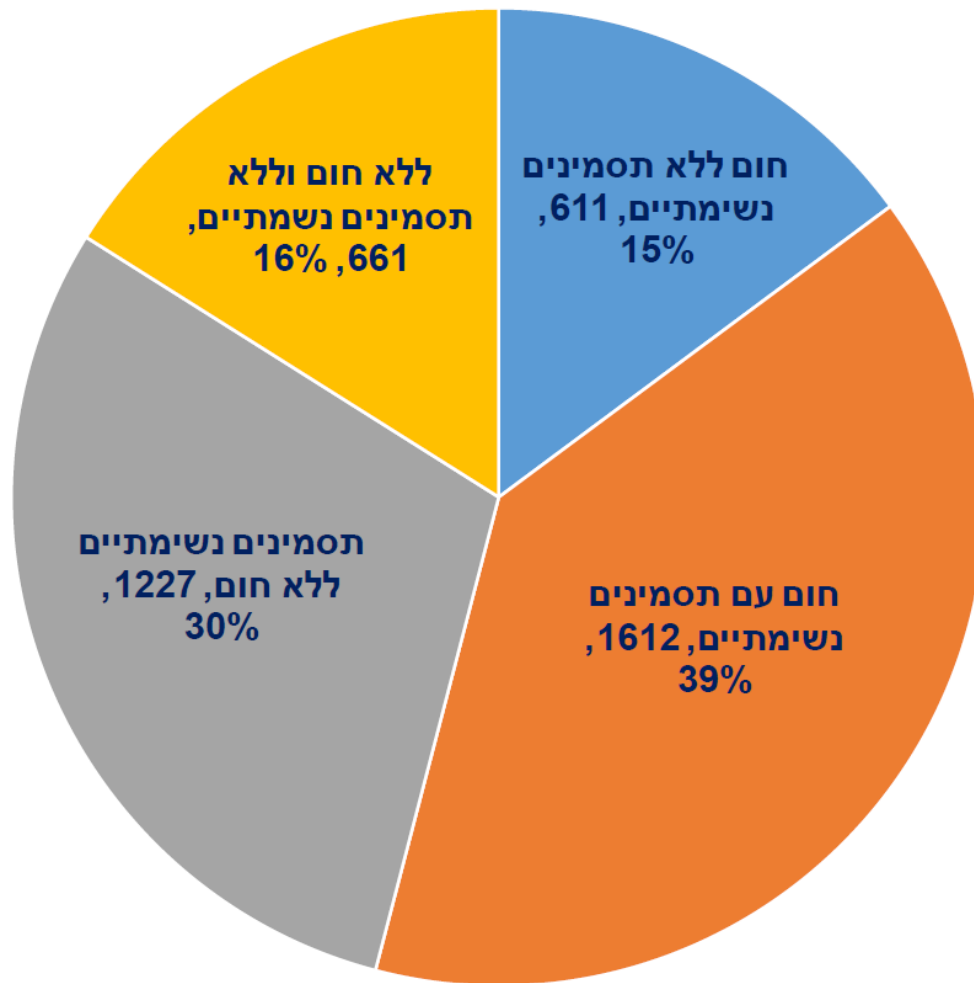
התפלגות תסמינים קליניים בחולים מאומתים ב-COVID-19,

מספר מקרים ואחוזים, N = 4111

נתונים מעודכנים ל- 1.4.2020



Epidemiology



*ל-1412 חולים מאומתים מידע זה אינו זמין במערכת הממוחשבת

Hospitalization

Policy–

- Positive, a-symptomatic – at home, HMO to follow up 2 times a day, using tele medicine (3672 patients)
- Positive with minimal signs and symptoms – “hotels” (operated by Home Front and HMO) (769 patients) 7 active centers, more planned.
- Moderate and severe – hospitalized (735 patients)
- All hospitals admit COVID 19 patients
- Contingency plans for increasing hospitals and ICU capacity.
- All positive patients transports conducted by MDA



PPE and Hygiene

- National stock management by MoH
- National standard for PPE
- All EMS response with face masks
- Need to shave
- Standards for personal hygiene, disinfection of ambulances, equipment
- Waste management



Main activities

- Joint call center (MDA emergency line – 101) – MDA, Primary Health and Public Health to triage calls of “suspected exposures” (25'000 call per day)
- Transportation of positive cases and people under Home - Quarantine
- Taking lab test and home / Drive through facilities
- Increasing the national blood stockpile



Lessons learned

- Personnel in quarantine – “whatsapp group”
- Safety measures at work:
 - Masks for every response
 - Face masks for patient / accompanying partner
 - Minimizing number of persons on ambulance
 - All calls are triaged for “possible contacts”
- Personal Hygiene and distancing – mandatory
- Risk groups are out of street roster
- Long term contingency planning (worst case scenario)
- Daily updates on the situation and guidelines
- *Public support*



Lessons learned - Italy

- logistics
- Ethical dilemmas
- Psychosocial support to the teams
- 500 patients on Oxigen simultaneously
- Patients ventilated dor 2 weeks and longer
- Military medical units support
- Death body management / grief





Thank you

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אדום
בישראל

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