COVID-19 Epidemic Feedback

First French epidemic wave
Haut-Rhin (68) FRANCE

Dr. Claudia CHATELUS
European Parliament 30/06/2022
The first wave in summary

- Triggering event: February 2020
- Rapid and intense influx of severe patients...
- Saturation of services
- Mandatory hospital reorganization and field hospital deployment
- Daily shortages management
- Numerous transfers
- Many casualties
- Difficult caregiver management
A special geographical situation

Overmortality Index
(2 March 2020 to 10 May 2020)

North-East of France map

Luxembourg

2 Hospitals
Colmar and
Mulhouse

Germany

Switzerland
Italy
Call centers give the alert

- **Personal X3 in our call center dispatcher** (retirees, students, other specialists)

- **Firefighter support** (medical regulation from the firefighter center of call and creation of crisis rooms for handling COVID calls in the two centers)

- **INCREASED CALLS X3**

- **SATURATION LINES +50%**
Call centers give the alert

First week of March

Covid-19
# Hospital in transformation

| Outside /Entrance of the hospital | ✓ Constant relationship:  
- Emergency call centers  
- Transport services  
- General practitioners  
- COVID pre-triage |
|----------------------------------|------------------------------------------------------------------|
| Emergency unit                   | ✓ COVID and non-COVID pathways  
✓ Daily briefing  
✓ Central emergency management point (tables...) |
| The rest of the hospital         | ✓ Hospital disaster plan (Plan blanc)  
✓ New ICU beds  
✓ Crisis units |

Transformation like a big Advanced Medical Post (AMP)
French Army support: Modular Field Hospital

**KEY NUMBERS**
- 30 beds
- 47 patients
- 600 days of hospitalisation
- 182 tonnes of material

- **Set up** in only 3 days
  - (build / test / secure)
  - In the parking lot of the hospital
- **2 Goals**
  - Treating patients with ARDS and COVID-19
  - Protecting the staff

In Front of Emile Muller’s hospital in Mulhouse
- **GREEN ZONE**: MEDICO-TECHNICAL
- **ORANGE ZONE**: CIRCULATION
- **RED ZONE**: INTENSIVE CARE UNITS
Transfers out

✓ 6 MORPHEE to other regions
✓ 56 aircraft and helicopter transfers to other countries
After five weeks: 05/04/2020

INPATIENTS: **4739** (950 in ICU)

DECEASED: **1471**
Lessons learned for future crises

- PLAN, a FEEDBACK CULTURE, and BE PREPARED
- MORE INTEROPERABILITY, MORE FLEXIBILITY
- MORE COLLABORATION and TAKING CARE
- A HORIZONTAL APPROACH
- BETTER COMMUNICATION
Thank you!