



Swiss Cheese Preparation for French Table-Tops: Planning for Multiple Sites and Multiple Phases

Lionel Lamhaut MD, PhD

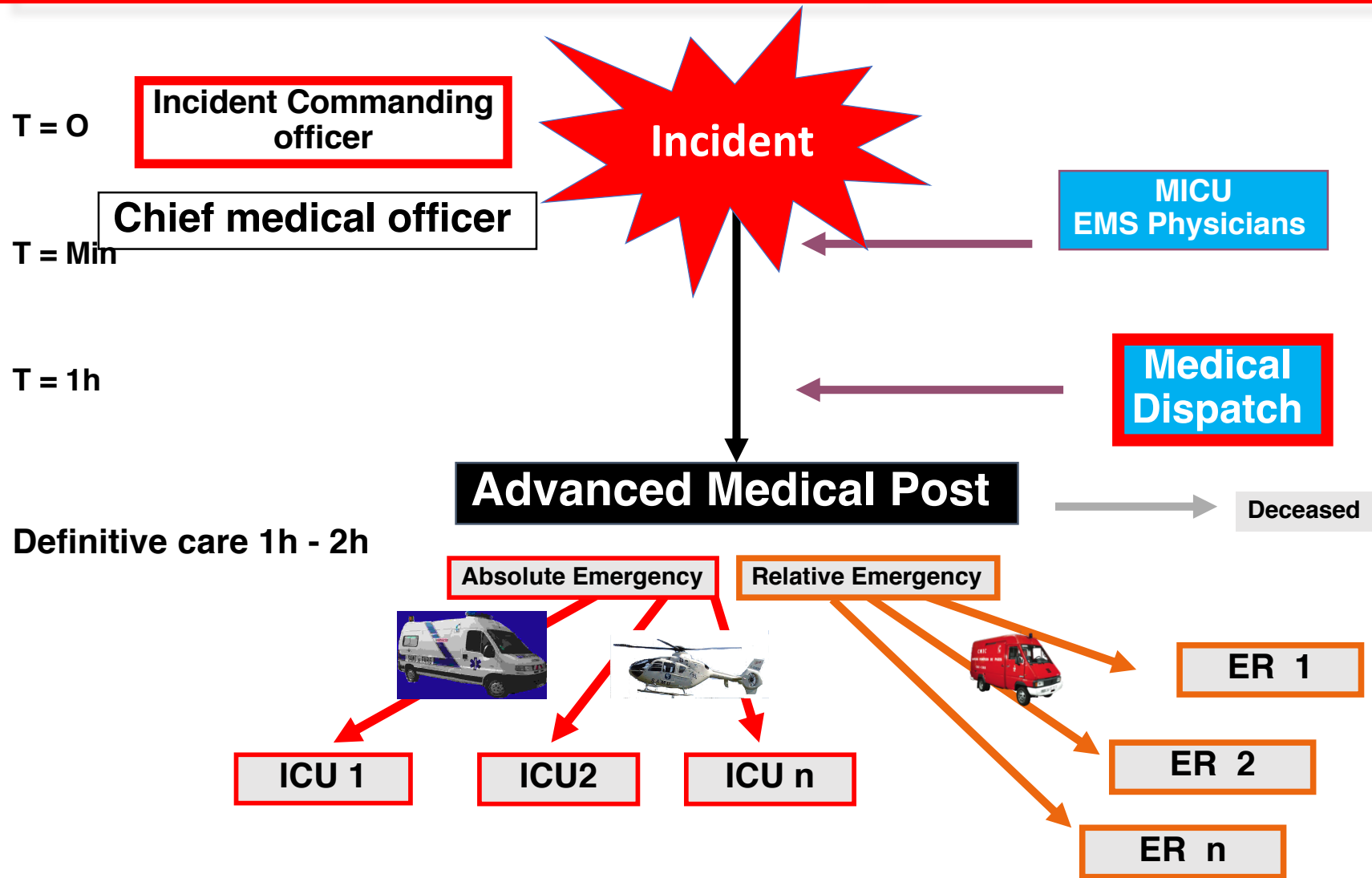
Associate Professor

ICU - SAMU de Paris (EMS)
Necker University Hospital,
Paris, France

Sudden death expertise center
Paris Descartes University,
Paris, France



Prehospital care for mass casualties in France “Red Plan” SAMU and Firebrigade



Evolution of terrorist attacks

NYC , Madrid , London, Mumbai ...

Israël , Egypt, Nigeria, Tunisia ...



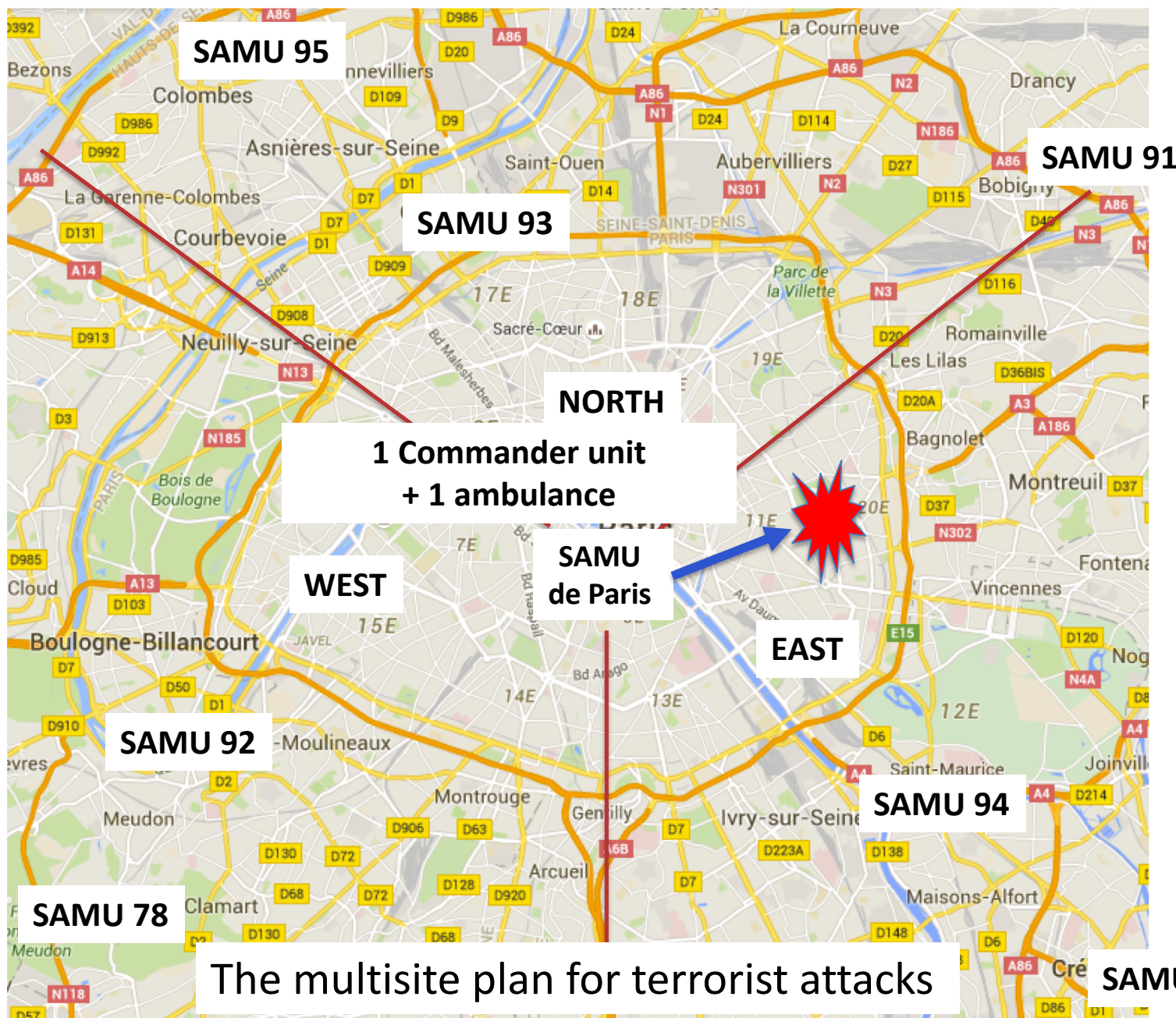
**Multisite attacks :
Dedicated plan**

Swiss Cheese Plan

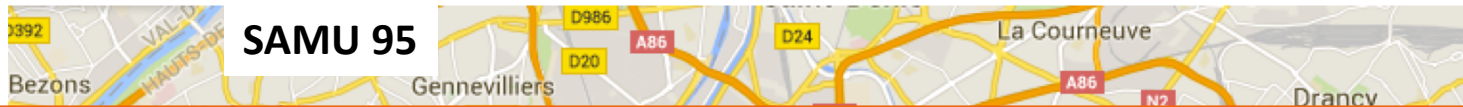


The « Camembert » plan



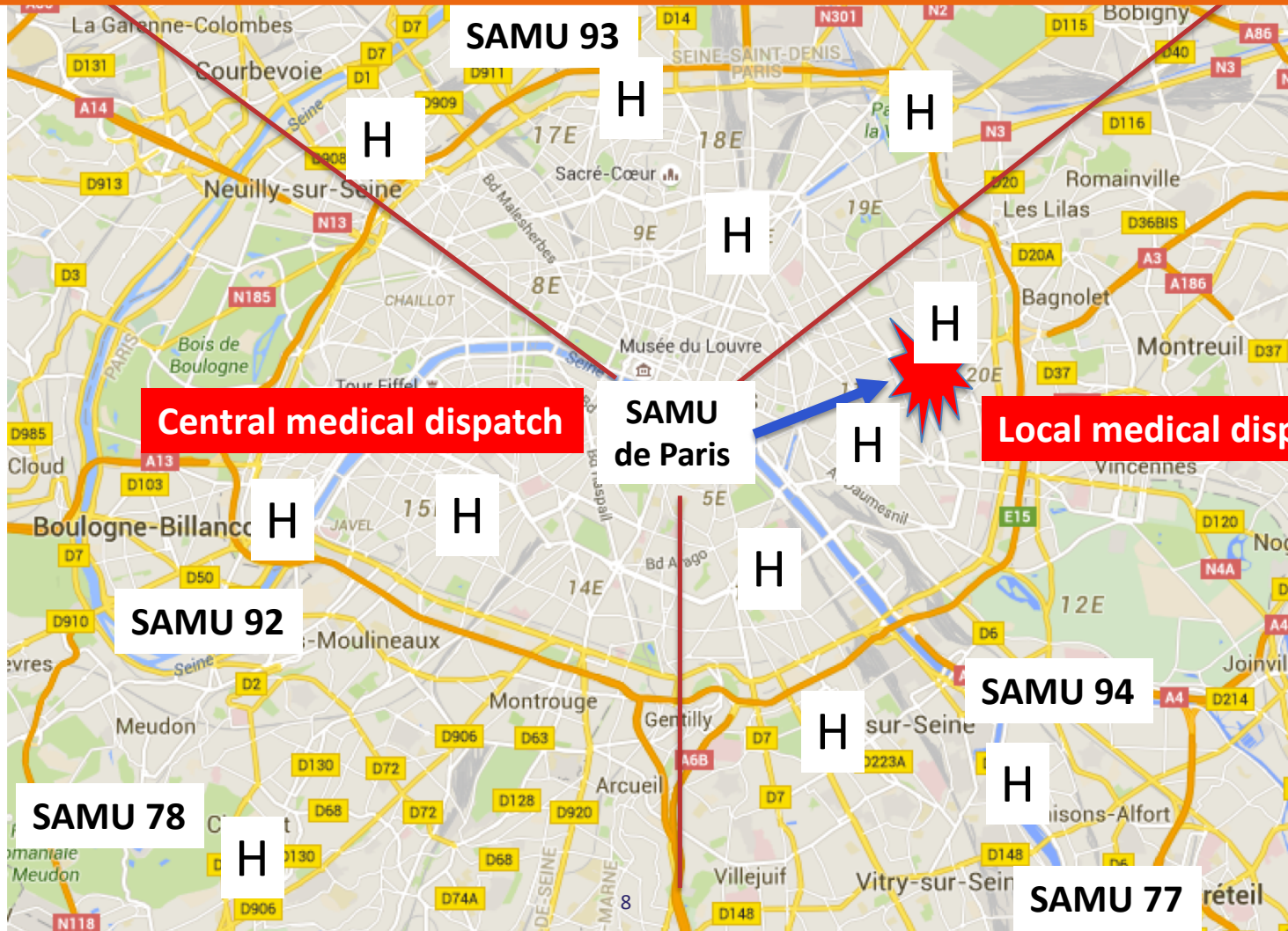






SAMU 95

Try to preserve other parts of the « camembert plan »



SAMU 93

Central medical dispatch

SAMU de Paris

Local medical dispatch

SAMU 92

SAMU 94

SAMU 78

SAMU 77

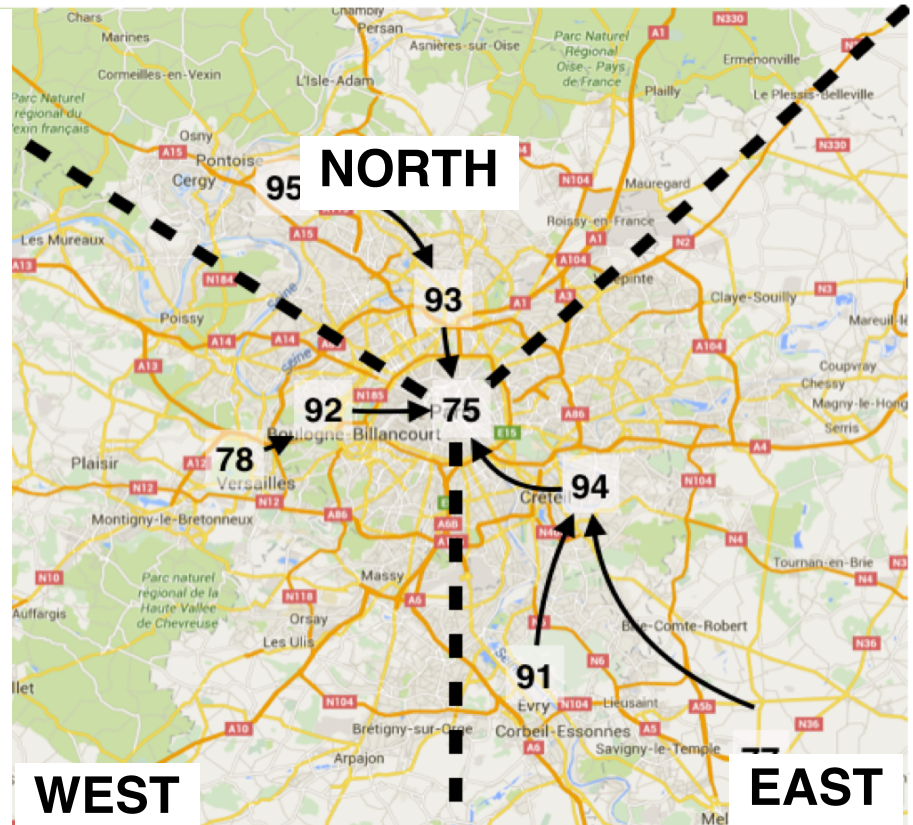
3 different commandos : multisite attacks

Sector organization

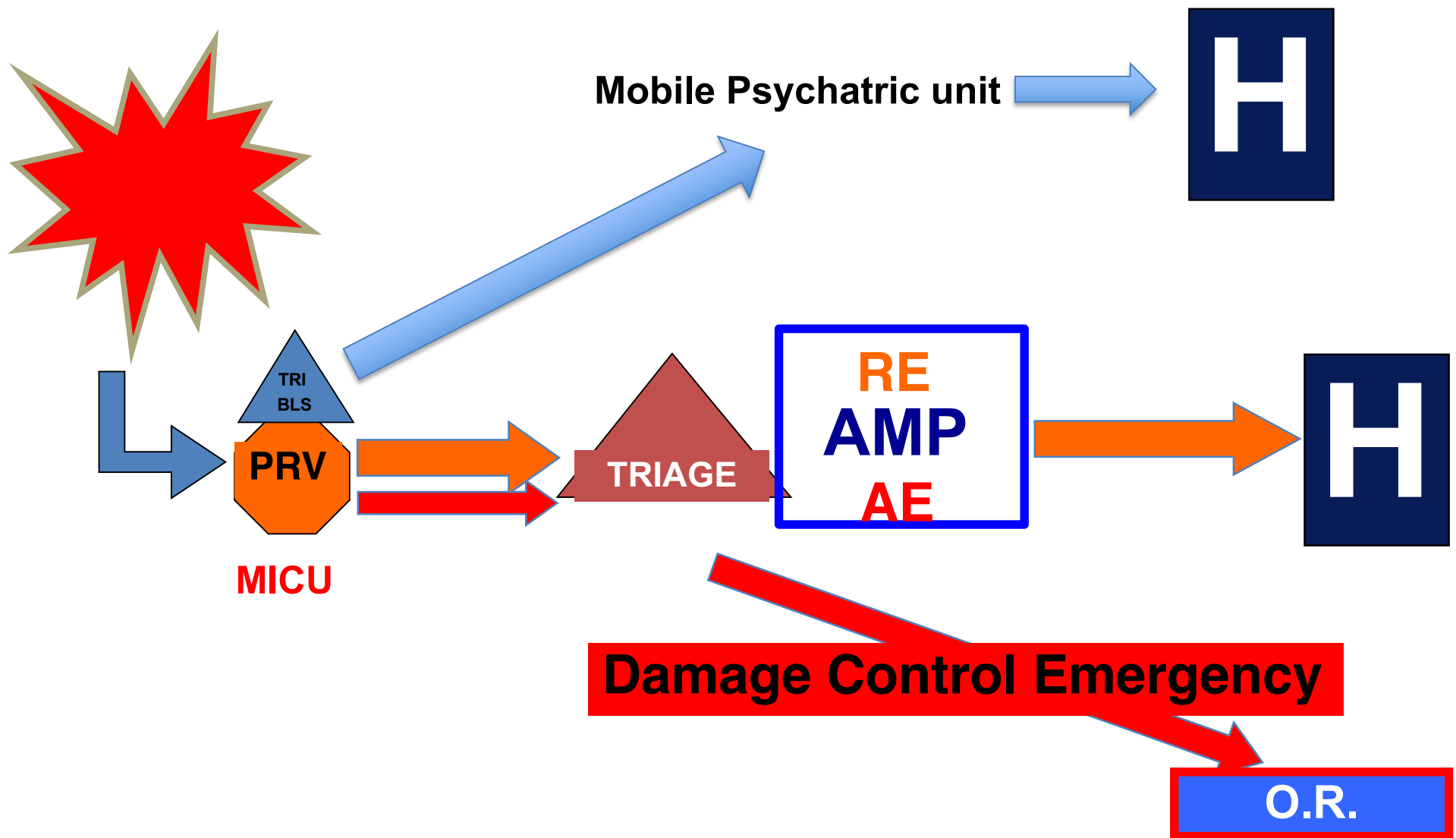


Zonal coordination by SAMU of the 8 SAMU of the region IDF

- MICU capacity:
 - 45 MICU teams on the scenes
 - 15 additional MICU kept in reserve for
 - Daily usual activity in Paris
 - Another site and scability



Major mobilisation of EMTs from Firebrigade BSPP , Red Cross, Malta order according to the RED PLAN ALPHA



Change the plan for the « Damage control »

Take home message

- **Global philosophy** : avoid transferring the disaster to hospital to preserve the quality of care
- **Camembert philosophy** : Each part is independent and preserve other parts
- All transfers are submitted to the **medical dispatch**
- Keep in mind **something can happen** in the next minutes, hours, days...
- **Adapt the plan** to the situation...