응급신경학의 benchmark과 향후 방향



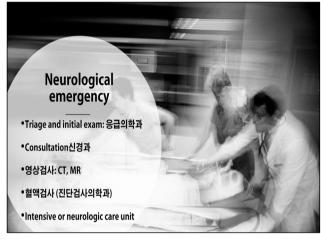
강 지 훈 서울의대

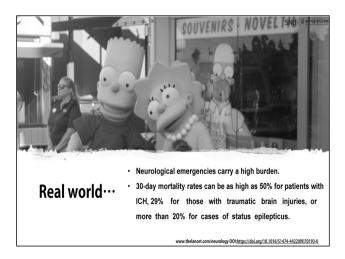
Emergency Neurology: Benchmark and Future direction

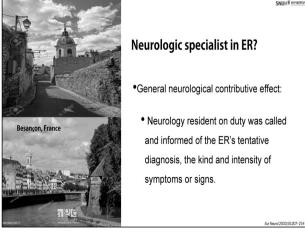
Jihoon Kang

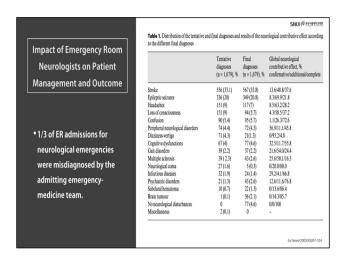
Seoul National University Bundang Hospital

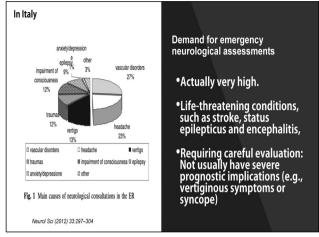


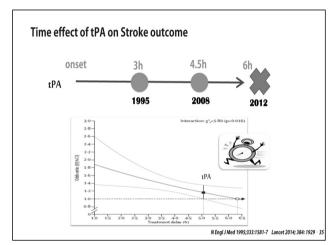


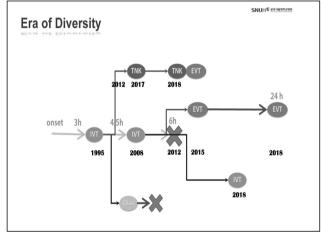


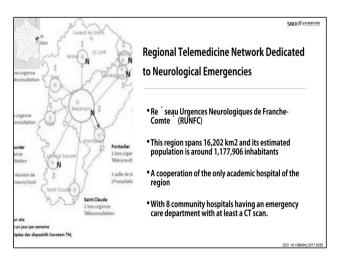


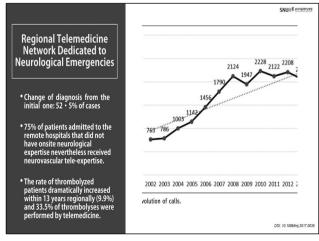


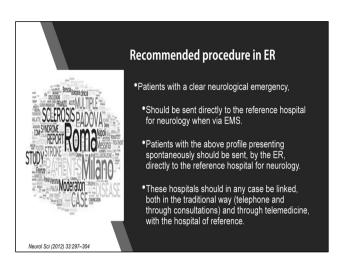


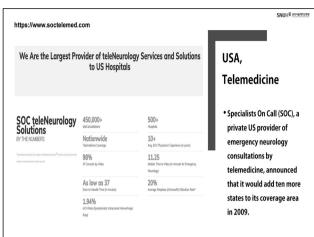


















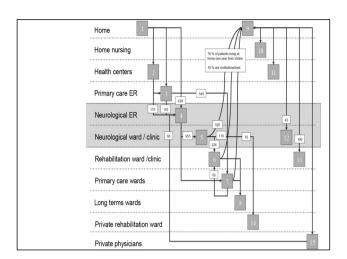
Scheme of regional based hospital system

- 권역: 1개의 University hospital + Central hospital (kesussairaala)
- Central hospital: Outpatient clinic 업무 (+ primary care ER)
- University hospital: 대부분의 응급 상황 (모든 acute recanalization therapy포함).



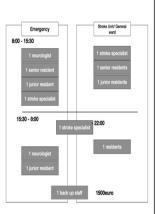
Harmonized organization for neurological disease of designated region

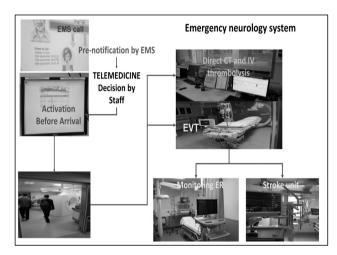
- Helsinki
- One Tertiary hospital + 3 site Central hospitals
- 4 hospitals 전체 인력구성
 - Total staffs: 54 neurologists, ~ 30 therapeutics, ~ 200 nurses
 - Helsinki University Hospital: 28 neurologists + 14 neurology residents + 6 neuro-interventionists
- Central hospitals: daytime and outpatient clinic and primary care ER/ acute stroke care등이 필요한 경우 consulting (전화)으로 연결



Helsinki University Hospital Neurology

- Organization
- Emergency Neurology center
- Stroke Unit
- Neuro-ICU
- Parkinson Disease Center
- Indications for Emergency Neurology
- Seizure
- Stroke
- Unonsciousness









Patients are admitted to the Emergency Department based on a physician's referral or, in emergencies, without a referral, round the clock. The Emergency Department provides internal medicine, surgical and neurological specialized medical care for for patients over 16 years who have been taken acutely and seriously ill and need immediate care. Patients are treated based based on their urgency, which is why waiting times may become become long.

Stroke unit

- Facilitation
 - 10 Beds for 2 million population
- - On-duty time: 2 Residents + 1 stroke specialist
 - 1 nurse/ 1 bed
- Services
- Comprehensive medical treatments including respiration support (ventilator) and intensive monitoring





