



Forsyth MEDICAL CENTER

Remarkable People. Remarkable Medicine.

BIG CHILL CONTINUES

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2005 Call to Arms

350,000/YR die from out of hospital cardiac arrest in the US

Survival is poor, most do not survive to hospital D/C

New research suggests CPR has greater impact on survival

ITD may improve outcome

95% Die As reported by Newsweek, July 23, 2007



2012 State of Affairs

- Changed from hypothermia focus to post-arrest order set
- Allows integration of services to better facilitate patient care
- Puts criteria for post arrest cooling at the front of the decision tree/order set
- Cooling with in 3 hours



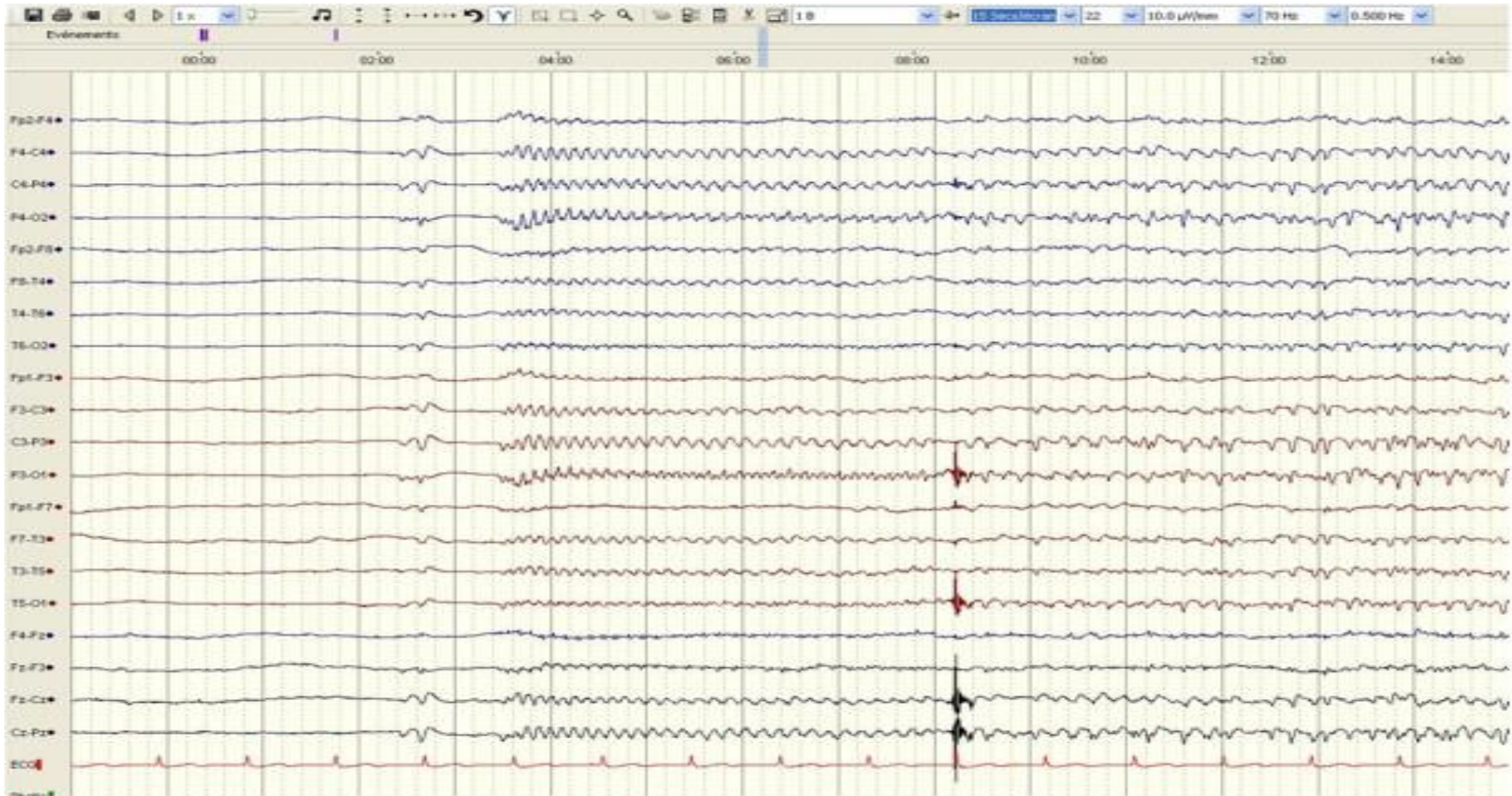
2012 State of Affairs

- Continuous EEG monitoring
- Forced collaborative project
- Defining roles of nursing



EEG recording performed during therapeutic hypothermia from one representative patient who had a good outcome (Cerebral Performance Category 1 at 2 months). EEG shows a reactive EEG background activity to sound ("claps"); recording, 30 mm/sec, 10 μ V/mm.

■ [Crit Care. 2010; 14\(5\): R173.](#)



- **EEG recording performed during therapeutic hypothermia from one representative patient who died.** EEG shows discontinuous EEG background activity, alternating with generalized, electrical seizures ("seizure-suppression pattern"). EEG was nonreactive to painful stimuli; recording, 20 mm/sec, 10 μ V/mm.
- [Crit Care. 2010; 14\(5\): R173.](#)

Next steps

- Evaluating time to cool
- More ancillary involvement (Advanced facilitators)
- Celebrating success

