

## PHOTO QUIZ

## Brain activity in cardiac arrest

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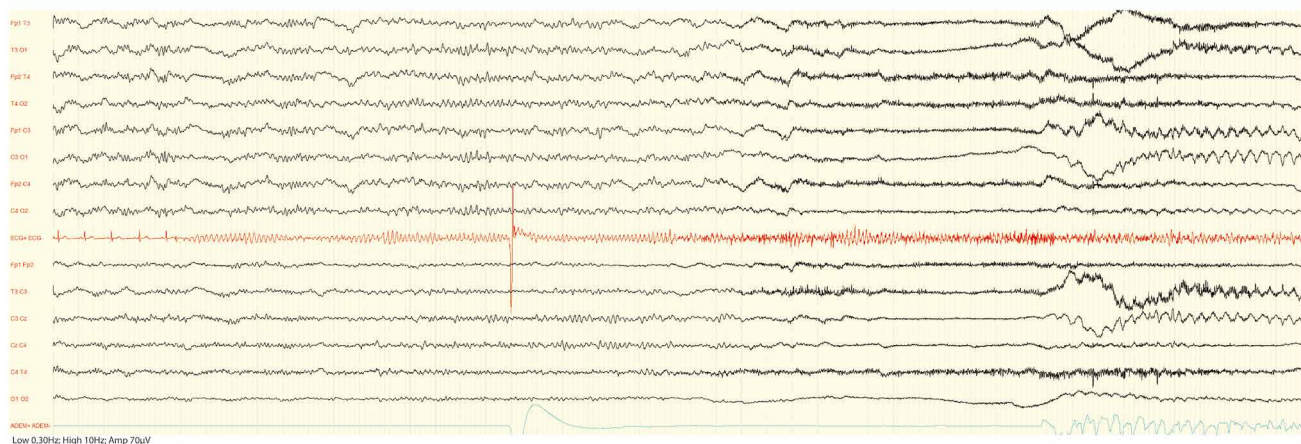
### Case

A 59-year-old male patient without any medical history was admitted to our intensive care unit (ICU) after an out-of-hospital cardiac arrest. He had collapsed unwitnessed but was found by the medical services with ventricular fibrillation. After seven rounds of electrocardioversion, administration of two doses of norepinephrine, and one of amiodarone, spontaneous circulation returned. On admission he was in coma with a Glasgow Coma Scale score of 3. After successful cardiological intervention he was admitted to the ICU, where he was treated with target temperature management aiming at a temperature of 36°C and continuous EEG monitoring was started. The patient was haemodynamically stable and the EEG showed a nice continuous pattern. Then suddenly everything changed and we saw the picture in *figure 1*.

*What is your diagnosis?*

### Answer

You will find the answer on page 185 in this issue.



**Figure 1.** Suddenly changing EEG trace of a patient after successful resuscitation.