Reviewer’s report

Title: Epidemiological characteristics of 778 patients who underwent surgical drainage of chronic subdural hematomas in Brasilia, Brazil.

Version: 1 Date: 10 September 2012

Reviewer: Yvonne Mondorf

Reviewer’s report:

This manuscript summarizes the outcome of a large series of patients who underwent burr-hole trepanation because of chronic subdural hematoma. The patients were retrospectively analyzed. They were admitted to hospital between 2006 and 2011. The special thing about this manuscript is the description of the outcome of large series and the epidemiological characteristics in Brazil. I would favor its publication since it is the first analysis of a large series in Brazil.

1. Minor essential revisions:
   Cranial computed tomography: when was it performed before and after surgery?
   Was there an stay on ICU? How long did the drainage stay intracranial? Follow up?(For example telephone interview)
   I think it would be useful to show some examples of ct-scans before and after surgery.
   Surgical technique should be described exactly. Anticoagulant or antiaggregant therapy should be mentioned and explained in its importance. How was the hemostasis perioperativ.
   Occurrence of seizures?

2. Recurrence rate seems very low.
   Furthermore there are no new aspects which were regarded and a lot of aspects are missing (see above). I would like to see a longer discussion concerning the pathomechanisms of CSDH.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

'I declare that I have no competing interests'