Aneurysmal Subarachnoid Hemorrhage: Trends, Outcomes and Predictions from a 15-Year Perspective of a Single Neurocritical Care Unit

Patient population:

- All SAH admissions [2002-2016] (n=3,970)
- Non aneurysmal (n=1,495)
- Aneurysmal etiology (n=2,475)

Age: 53±14
71.3% Female

H&H 1-2 40.8%
H&H 3 35.7%
H&H 4-5 23.5%

An increase in patient acuity was noted over the 15-year course, measured by increased proportion of medium and high-grade hemorrhages (Hunt & Hess 3-5)

The predictive value of admission Hunt & Hess score in relation to patient outcome decreased over the time course analyzed

A reduction in aneurysm clipping across the years noted, and a parallel increase in endovascular repair.

Patient functional outcome improved over the years, especially for the low- and intermediate-grade hemorrhages.

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