



Newsletter October 2017

Corrigendum

Assessment of hematoma volume

Due to recurrent questions concerning the assessment of the hematoma volume we would like to provide an explanation about the volume calculation by the ABC/2 method to all sites.

According to the current SWITCH protocol (V1.2, 11.09.2015) the hematoma volume should be calculated by the ABC/2 method. Where A is the greatest hemorrhage diameter by CT, B is the **largest** diameter 90° to A, and C is the approximate number(s) of CT slices with hemorrhage multiplied by the slice thickness.

Interpretation and example:

This method is based on the publication by Kothari et al.¹ “A” is defined as the largest diameter of the hematoma in the axial plane. “B” the largest diameter 90° to “A” on the same plane (Fig. 1). In the original publication “C” is calculated by multiplication of the slice thickness with the number of slices on which the hematoma is visible. Due to advances in software the coronal plane can be easily reformatted to just measure “C” as the largest cranio-caudal extension of the hematoma in the coronal plane (Fig. 2). In case reformatting cannot be done please calculate “C” according to the original publication.



Figure 1. A= 77mm. B= 45mm



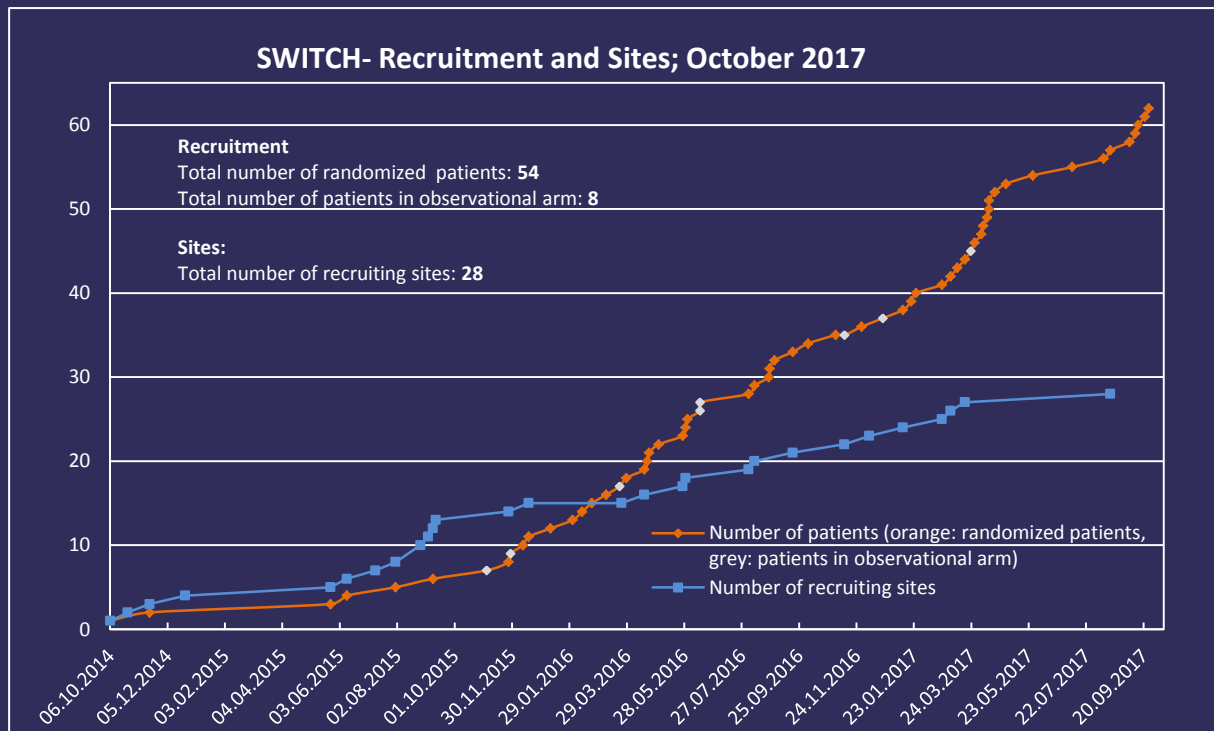
Figure 2. C= 60mm

¹ Kothari RU, Brott T, Broderick JP, Barsan WG, Sauerbeck LR, Zuccarello M, et al. The abcs of measuring intracerebral hemorrhage volumes. Stroke; a journal of cerebral circulation. 1996;27:1304-1305



Therefore, ABC/2: $(77 \times 45 \times 60)/2=104 \text{ cm}^3$

Current patient accrual (04.10.2017)



Top recruiting sites

1. Bern (10 patients randomized)
2. Berlin (6 patients randomized, 1 patient in observational arm)
2. Helsinki (6 patients randomized, 1 patient in observational arm)
4. Giessen (4 patients randomized, 2 patients in observational arm)
5. Aachen (4 patients randomized)



SWITCH sites

Currently we have 28 sites open for the recruitment of patients.

Recruiting	Aachen, Amsterdam, Bellvitge Hospital Barcelona, Bern, Berlin, Bonn, Düsseldorf, Erlangen, Erfurt, Essen, Frankfurt, Freiburg, Geneva, Giessen, Göttingen, Helsinki, Innsbruck, Kassel, Mainz, Mannheim, München, Münster, Lübeck, Lucerne, Lugano, Sevilla, Utrecht, Würzburg
Coming soon	Madrid, Paris, Barcelona Santa Creu i Sant Pau, Linz
Planned	Edinburgh

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