

Subarachnoid hemorrhage (SAH)

- [Spontaneous resolution of papilledema and multilayered hemorrhages in Terson syndrome associated with subarachnoid hemorrhage: a case report](#)
- [Continuous Intravenous Nimodipine Infusion With Ethanol as Carrier in Aneurysmal Subarachnoid Hemorrhage Does Not Result in Measurable Cerebral Ethanol Levels](#)
- [Role of Magnetic Resonance Venography in the Evaluation of Cerebral Veins and Sinuses Occlusion](#)
- [Fluorometric Nanoscale Analysis of Bilirubin and Biliverdin in Human Cerebrospinal Fluid](#)
- [Blood-Brain Barrier Disruption Predicts Poor Outcome in Subarachnoid Hemorrhage: A Dynamic Contrast-Enhanced MRI Study](#)
- [Proportional Stroke Mortality in Espírito Santo, Brazil: A 20-Year Joinpoint Regression Study](#)
- [Worldwide burden of metabolic risk-related cardiovascular disease from 1990 to 2021, with projections to 2050: A systematic analysis for the Global Burden of Disease Study 2021](#)
- [Comprehensive predictive modeling in subarachnoid hemorrhage: integrating radiomics and clinical variables](#)

A subarachnoid [hemorrhage](#) is a hemorrhage in the [subarachnoid space](#). It is a medical [emergency](#) that requires immediate [intervention](#).

Epidemiology

[Spontaneous subarachnoid hemorrhage epidemiology](#).

Etiology

[Subarachnoid Hemorrhage Etiology](#).

Classification

see [Subarachnoid hemorrhage classification](#).

Scales

[Subarachnoid hemorrhage scales](#).

Clinical features

see [Subarachnoid hemorrhage clinical features](#).

Diagnosis

see [Subarachnoid hemorrhage diagnosis](#).

Outcome

see [Subarachnoid hemorrhage outcome](#).

Complications

see [Aneurysmal subarachnoid hemorrhage complications](#).

Treatment

see [Subarachnoid hemorrhage treatment](#).

Models

The Rabbit Blood-shunt Model for the Study of Acute and Late Sequelae of Subarachnoid Hemorrhage¹⁾.

[2\)](#) [3\)](#) [4\)](#) [5\)](#) [6\)](#) [7\)](#) [8\)](#) [9\)](#)

Prognosis

[Subarachnoid hemorrhage prognosis](#).

Studies

[ICONS study](#)

¹⁾

Andereggen L, Neuschmelting V, von Gunten M, Widmer HR, Takala J, Jakob SM, Fandino J, Marbacher S. The Rabbit Blood-shunt Model for the Study of Acute and Late Sequelae of Subarachnoid Hemorrhage: Technical Aspects. J Vis Exp. 2014 Oct 2;(92). doi: 10.3791/52132. PubMed PMID: 25350004.

²⁾

Mori K, Fujii K, Tomura S, Ueno H, Wada K, Otani N, Osada H, Tomiyama A. Canine double hemorrhage model of experimental subarachnoid hemorrhage. Acta Neurochir Suppl. 2015;120:347-51. doi:

10.1007/978-3-319-04981-6_60. PubMed PMID: 25366650.

3)

Fathi AR, Bakhtian KD, Marbacher S, Fandino J, Pluta RM. Blood Clot Placement Model of Subarachnoid Hemorrhage in Non-human Primates. *Acta Neurochir Suppl.* 2015;120:343-6. doi:

10.1007/978-3-319-04981-6_59. PubMed PMID: 25366649.

4)

Marbacher S, Fathi AR, Muroi C, Coluccia D, Anderegg L, Neuschmelting V, Widmer HR, Jakob SM, Fandino J. The rabbit blood shunt subarachnoid haemorrhage model. *Acta Neurochir Suppl.*

2015;120:337-42. doi: 10.1007/978-3-319-04981-6_58. PubMed PMID: 25366648.

5)

Kikkawa Y. A rabbit cisterna magna double-injection subarachnoid hemorrhage model. *Acta Neurochir Suppl.* 2015;120:331-5. doi: 10.1007/978-3-319-04981-6_57. PubMed PMID: 25366647.

6)

Güresir E, Schuss P, Borger V, Vatter H. Rat cisterna magna double-injection model of subarachnoid hemorrhage - background, advantages/limitations, technical considerations, modifications, and outcome measures. *Acta Neurochir Suppl.* 2015;120:325-9. doi: 10.1007/978-3-319-04981-6_56. PubMed PMID: 25366646.

7)

Sehba FA. The rat endovascular perforation model of subarachnoid hemorrhage. *Acta Neurochir Suppl.* 2015;120:321-4. doi: 10.1007/978-3-319-04981-6_55. PubMed PMID: 25366645.

8)

Attia MS, Macdonald RL. Anterior circulation model of subarachnoid hemorrhage in mice. *Acta Neurochir Suppl.* 2015;120:311-4. doi: 10.1007/978-3-319-04981-6_53. PubMed PMID: 25366643.

9)

Marbacher S. Foreword Chapter Animal Models of SAH. *Acta Neurochir Suppl.* 2015;120:309. doi: 10.1007/978-3-319-04981-6_52. PubMed PMID: 25366642.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=subarachnoid_hemorrhage

Last update: **2025/05/23 21:55**

