

CURRENT SITUATION

Professor and Chairman, department of Neurosurgery, UZ Brussel

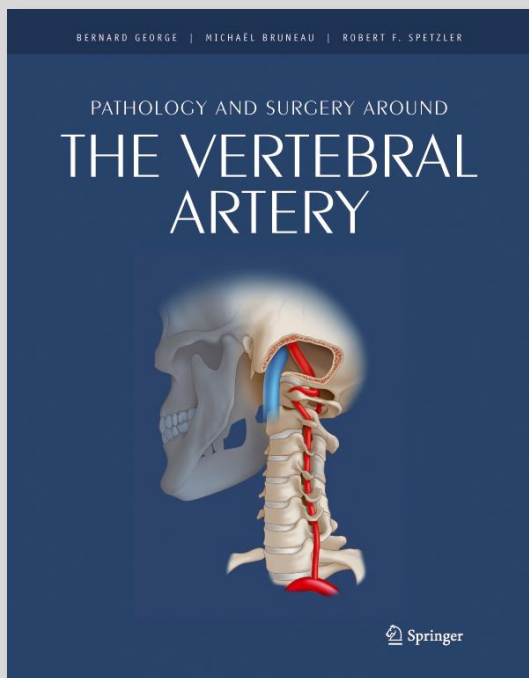
- 2019- President, [Belgian Society of Neurosurgery](#)
- 2019- Chairman, [EANS Skull base section](#)
- 2020- Board member, [Pediatric section of the Belgian Society of Neurosurgery](#)
- 2015- Associate Member of the [ARMB](#) – Royal Belgian Medical Academy

PREVIOUS FUNCTIONS

- 2018- President, EANS Congress, Brussels
- 2016-2019 Secretary, Belgian Society of Neurosurgery
- 2013-2016 Member, Board of the Belgian Society of Neurosurgery
- 2014-2017 Member, Board of Directors, Erasme Hospital
- 2015-2017 President, [Belgian Neurosurgical Spine Society](#)
- 2017-2020 Board member, Belgian Neurosurgical Spine Society
- 2013-2020 Professor, Skull base and vascular programs director, Erasme Hospital, Free University of Brussels

MONOGRAPHY

- *Editor of the book* [Pathology and Surgery around the Vertebral Artery.](#)



B. George (Paris)
M. Bruneau (Brussels)
RF Spetzler (Phoenix).

Publisher: Springer, Sept 2011
678 pages, 45 chapters

CHAPTERS

1. **M. Bruneau** and J. Brotchi : « Convexity meningiomas. » *(in Spanish)*
In : Neurocirugía: Aspectos Clínicos y Quirúrgicos.
Editor : Armando Basso (Argentina)
Publisher : Corpus Editorial, 2010.
2. **M. Bruneau** and J. Brotchi : « Spinal extramedullary tumors. » *(in Spanish)*
In : Neurocirugía: Aspectos Clínicos y Quirúrgicos.
Editor : Armando Basso (Argentina)
Publisher : Corpus Editorial, 2010.
3. **M. Bruneau**, D. Balériaux and J. Brotchi : « Spinal intramedullary tumors. » *(in Spanish)*
In : Neurocirugía: Aspectos Clínicos y Quirúrgicos.
Editor : Armando Basso (Argentina)
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4. J. Brotchi, **M. Bruneau**, D. Balériaux: « Considerations of Cerebral Venous System in Meningioma Surgery. » *In* Meningiomas: A Comprehensive Text, M. Necmettin Pamir, Peter M. Black, Rudolf Fahlbush (editors), Elsevier, Chapter 22, pages 325-35, 2010.
5. B. George, **M. Bruneau**, D. Bresson : « Vertebral artery sacrifice and mobilization. »
In : Spine and spinal cord tumors : Advanced Management and Operative Techniques
Editors : Ames, Boriani, and Jandial
Publisher : Quality Medical Publishing, 2011.
6. F. Lefranc, **M. Bruneau**, J. Brotchi : « Current management of parasagittal meningiomas»
In : Essential Practice of Neurosurgery
Editors : Kazadi Kalangu, Yoko Kato, Gilbert Dechambenoit
Publisher : Access Publishing, Nagoya, Japan, 2011.
7. F. Lefranc, R. Djedid, **M. Bruneau**, J. Brotchi : « Current management of intramedullary spinal cord tumors. »
In : Essential Practice of Neurosurgery
Editors : Kazadi Kalangu, Yoko Kato, Gilbert Dechambenoit
Publisher : Access Publishing, Nagoya, Japan, 2011.
8. B. George, **M. Bruneau** : « Embryology of the vertebral artery. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
9. S. Louryan, N. Vanmuylder, **M. Bruneau** : « Embryology of the cervical spine and cranio-vertebral junction. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.

10. **M. Bruneau**, O. De Witte, B. George : « Anatomical variations. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
11. **M. Bruneau**, B. George : « The lateral approach to the V1 segment of the vertebral artery. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
12. **M. Bruneau**, B. George : « The lateral approach to the V2 segment of the vertebral artery. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
13. **M. Bruneau**, B. George : « Surgical technique for the resection of tumors in relation with the V1 and V2 segments of the vertebral artery. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
14. **M. Bruneau**, JF Cornelius, B. George : « The selective micro-foraminotomy. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
15. **M. Bruneau**, B. George : « Oblique corpectomy. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
16. B. George, JF Cornelius, **M. Bruneau** : « Extrinsic compression of the vertebral artery. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
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17. **M. Bruneau**, O. De Witte, M. Yasuda, B. George : « Compression by the vertebral artery.»
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
18. **M. Bruneau**, B. George : « Surgical approaches to the V3 segment of the vertebral artery. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
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19. **M. Bruneau**, B. George : « Surgical technique for the resection of tumors in relation with the V3 and V4 segments of the vertebral artery. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
20. **M. Bruneau**, O. Makiese, JF. Cornelius, S. Chibbaro, B. George : « The juxtacondylar approach to the jugular foramen. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
21. B. George, JF Cornelius, **M. Bruneau**: « Complications of surgery around the vertebral artery and their management. »
In : Pathology and Surgery around the Vertebral Artery
Editors : B. George, M. Bruneau, RF. Spetzler
Publisher : Springer, Paris, France, 2011.
22. **M. Bruneau**, F. Lefranc, D. Balériaux, J. Brotchi. « Intradural extra and intramedullary spinal cord tumors. »
In: Principles of Neurosurgery. Third Edition.
Editors: RG Ellenbogen and SI Abdulrauf (eds).
Publisher: Elsevier, 2012.
23. **M. Bruneau**, G. Fischer, K. Mahla, J. Brotchi. « Surgical Management of Intramedullary Spinal Cord Tumors in Adults. »
In : Schmidek & Sweet Operative Neurosurgical Techniques : Indications, Methods, and Techniques. Sixth Edition.
Editors : A. Quiñones-Hinojosa (ed).
Publisher : Elsevier, 2012.
24. **M. Bruneau** : « Actualisation des techniques neurochirurgicales de l'angle ponto-cérébelleux ».
In : Imagerie de l'oreille et des voies cochléo-vestibulaires.
Editor : D. Balériaux, M. Lemort, S. Louryan
Publisher : Sauramps, 2013
25. **M. Bruneau**, HB. Pouleau : « Cranial vascular anatomy of the posterior circulation ».
In : Neurovascular surgery, 2nd edition.
Editors : Robert F. Spetzler, M. Yashar S. Kalani and Peter Nakaji
Publisher : Thieme, 2014
26. B. George, **M. Bruneau** : « Surgical exposure of the vertebral artery ».
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28. M. Riva, **M. Bruneau**, J. Brotchi : « Surgery of parasagittal meningiomas ». In : Current progress in neurosurgery. Editor : B. Misra – AK. Kaye – ER. Laws Publisher: Kothari Medical, 2014
29. **M. Bruneau**, B. George : « Surgery of the extracranial vertebral artery ». In : PanVascular Medicine, 2nd edition Editor : P. Lanzer et al. Publisher : Springer, 2015
30. B. George, **M. Bruneau** : « Vertebral artery. Anatomic variations. » In : Bergman's Comprehensive Encyclopedia of Human Anatomic Variation. Editor : M. Loukas, S. Tubbs. Publisher : Wiley, 2016
31. **M. Bruneau**, B. George : « Meningioma at the craniocervical junction ». In : Spinal Surgery, a neurosurgical approach Editor : Erik Van de Kelft Publisher : Springer, 2016.
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33. **M. Bruneau**, M. Riva, J. Brotchi : « Spinal meningioma resection ». In : Spinal Surgery, a neurosurgical approach Editor : Erik Van de Kelft Publisher : Springer, 2016.
34. **M. Bruneau**, M. Riva, J. Brotchi : « Intramedullary tumors ». In : Spinal Surgery, a neurosurgical approach Editor : Erik Van de Kelft Publisher : Springer, 2016.
35. JC. Cajot, **M. Bruneau** : « Multilevel cervical anterior discectomy / corpectomy and arthrodesis». In : Spinal Surgery, a neurosurgical approach Editor : Erik Van de Kelft Publisher : Springer, 2016.
36. **M. Bruneau**, B. George : « Surgical anatomy of the vertebral artery at cranio-vertebral junction level». In : Surgery of the Cranio-Vertebral Junction Editor : Tessitore, Dehdashti, Schonauer, Thome Publisher : Springer, 2020.

37. **M. Bruneau**, B. George : « Surgery involving the vertebral artery at the cranio-vertebral junction. »
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Publisher : Springer, 2020.

38. **M. Bruneau**, M. Riva, Jacques Brotchi : « Surgical Management of Intramedullary Spinal Cord Tumors in Adults. »
In: Quinones: Schmidek & Sweet Operative Neurosurgical Techniques, 7th ed
Editor : Quinones
Publisher : Elsevier, 2021.

PUBLICATIONS

1. M. Amrani, J.C. Schoevaerds, J. Rubay, R. Verhelst, P. Eucher, **M. Bruneau**, V. Piret, R. Kremer, R. Dion: Surgical treatment for acute native aortic valvular infective endocarditis : long-term follow-up. *Cardiovascular Surgery* 3:579-81, 1995.
2. R. Verhelst, **M. Bruneau**, A.L. Nicolas, R. Frangi, G. El Khoury, P. Noirhomme, R. Dion: Popliteal-to-Distal Bypass Grafts for Limb Salvage. *Annals of Vascular Surgery* 11(5):505-509, 1997.
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4. **M. Bruneau**, JF. Nisolle, C. Gilliard, T. Gustin: Anterior cervical interbody fusion with hydroxyapatite graft and plate system. *Neurosurg Focus* 10(4): Article 8, 2001.
5. **M. Bruneau**, N. de Tribolet. Comments on « Endovascular Treatment of Paraclinoid Aneurysms. Year Book of Neurology and Neurosurgery, Editions Mosby, 281-283, 2002.
Associate editor of the Year Book of Neurology and Neurosurgery 2002, Ed. Mosby.
6. **M. Bruneau**, T. Gustin, K. Zekhnini, C. Gilliard: Traumatic false aneurysm of the middle meningeal artery causing an intracerebral hemorrhage. Case report and review of the literature. *Surg Neurol* 57:174–8, 2002.
7. **M. Bruneau**, T. Duprez, D. Rommel, C. Raftopoulos: Surgical treatment of a syringomyelia associated with an idiopathic arachnoid malformation. *Surg Neurol* 62(6):552-5, 2004.
8. PL Di Patre, M. Payer, **M. Bruneau**, J. Delavelle, N. de Tribolet, G. Pizzolato: Malignant transformation of a spinal cord ganglioglioma - Case report and review of the literature. *Clinical Neuropathology* 23(6):298-303, 2004.
9. **M. Bruneau**, P. Goffette, G. Cosnard, D. Rommel, C. Raftopoulos: Lateral sacral artery aneurysm. Case report and review of the literature. *Neurosurgery* 57(1):197-201, 2005.
10. **M. Bruneau**, JF. Cornelius, B. George: Osteoid osteomas and osteoblastomas of the occipito-cervical junction. *Spine*. 30(19):E567-71, 2005.
11. **M. Bruneau**, JF. Cornelius, B. George: Rare progression of an osteoid osteoma to an osteoblastoma. *J Neurosurg Spine*. 3(3):238-41, 2005.
12. **M. Bruneau**, JF. Cornelius, B. George: Antero-lateral approach to the V2 segment of the vertebral artery. *Neurosurgery* 57(4 Suppl):262-7, 2005.
13. **M. Bruneau**, JF. Cornelius, B. George: Antero-lateral approach to the V3 segment of the vertebral artery. *Neurosurgery*. 58(1 Suppl):ONS29-35, 2006.
14. **M. Bruneau**, JF. Cornelius, B. George: Micro-surgical cervical nerve root decompression by antero-lateral approach. *Neurosurgery* 58(1 Suppl):ONS108-13, 2006.

15. **M. Bruneau**, P. Bijlenga, A. Reverdin, B. Rilliet, L. Regli, JG. Villemure, F. Porchet, N. de Tribolet: Early surgery for brainstem cavernomas. *Acta Neurochir (Wien)* 148(4):405-14, 2006.
16. **M. Bruneau**, JF. Cornelius, B. George: Anterolateral approach to the V1 segment of the vertebral artery. *Neurosurgery* 58(4 Suppl 2):ONS-215-9, 2006.
17. **M. Bruneau**, JF. Cornelius, V. Marneffe, M. Triffaux, B. George: Anatomical variation of the V2 segment of the vertebral artery. *Neurosurgery* 59[ONS Suppl 1]:ONS-20–ONS-24, 2006.
18. J. Brotchi, **M. Bruneau**, F. Lefranc, D. Balériaux: Surgery of intraspinal cord tumors. *Clinical Neurosurgery*, volume 53.
19. B. Lubicz, D. Baleriaux, F. Lefranc, J. Brotchi, **M. Bruneau**, M. Levivier: Endovascular treatment of intracranial aneurysms as the first therapeutic option. *J Neuroradiol* 34(4): 250-9, 2007.
20. B. Pirotte, A. Lubansu, **M. Bruneau**, C. Loqa, N. Van Cutsem, J. Brotchi: Sterile surgical technique for shunt placement reduces the shunt infection rate in children: preliminary analysis of a prospective protocol in 115 consecutive procedures. *Childs Nerv Syst* Nov;23(11):1251-61, 2007.
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22. **M. Bruneau**, JF. Cornelius, B. George: Multilevel oblique corpectomies. Surgical indications and technique. *Neurosurgery* 61 (ONS Suppl 3), 106-112, 2007.
23. **M. Bruneau**, B. Lubicz, B. Pirotte, D. Wikler, J. Brotchi, M. Levivier: Selective image-guided venous sinus exposure for direct embolization of a dural arteriovenous fistula: technical case report. *Surgical Neurology* 69(2): 192-196, 2008.
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25. **M. Bruneau**, B. George: The juxtacondylar approach to the jugular foramen. *Neurosurgery* 62(3 Suppl 1): 75-81, 2008.
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36. A. Bandeira, G. Raphaeli, D. Balériaux, **M. Bruneau**, O. De Witte, B. Lubicz. Selective embolization of unruptured intracranial aneurysms is associated with low retreatment rate. *Neuroradiology* 52(2):141-6, 2010.
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