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# Surgical Neuro- angiography

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# Surgical Neuroangiography

**Pierre L. Lasjaunias**



## **Surgical Neuroangiography:**

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**Surgical Neuroangiography** P. Lasjaunias,K.G. ter Brugge,A. Berenstein,2006-11-13 This volume completes the second edition series of Surgical Neuroangiography It covers neurovascular diseases in neonates infants and children and details the clinical challenges involved in managing lesions of the brain spinal cord spine and head and neck in the pediatric age group Vascular malformations of the maxillofacial area have been The specificities of the perinatal and infancy period are emphasized to illustrate the need for proper understanding of the characteristics of this age group and the inappropriateness of adult strategies extrapolated to children All chapters have been substantially expanded      Clinical Vascular Anatomy and Variations P. Lasjaunias,Alejandro Berenstein,Karel Ter Brugge,2001-06-06 The first volume of this second edition of Surgical Neuroangiography contains the previous volumes 1 and 3 in one book The edited and updated text provides a practical understanding of the challenges that face the modern management of vascular diseases Additional 3 D angiographic photographs as well as new illustrations complete this classic book of vascular disease management in adults and children The authors Pierre Lasjaunias Alex Berenstein and Karel ter Brugge are highly committed to both research and teaching This second edition is a prerequisite for anybody wishing to fully understand clinical challenges and vascular intervention

*Surgical Neuroangiography* Pierre Lasjaunias,2001      *Surgical Neuroangiography* Alejandro Berenstein,Pierre Lasjaunias,Karel G. brugge,2004-03-09 *Surgical Neuroangiography Clinical and Interventional Aspects in Adults* covers a variety of protocols and strategies combining functional vascular anatomy with a complete appreciation of the various disease processes their pathophysiology clinical presentation and natural history as well as recent technological advances The newer endovascular techniques that apply to embolization of aneurysms vascular malformations and tumors of the spine spinal cord brain and maxillofacial areas are reviewed Novel techniques of revascularization for occlusive vascular diseases in the brachiocephalic and cerebral vasculature are expanding and revolutionizing the field Implementing optimally efficient and safe strategies for occlusion or revascularization of arterial or venous structures requires the knowledge of collateral circulation covered in this volume Alejandro Berenstein Pierre Lasjaunias and Karel ter Brugge pioneers in the field with over 20 years of experience present the second volume of the second edition of *Surgical Neuroangiography* combining volumes 2 4 and 5 of the previous edition and adding a new section *Occlusive Vascular Diseases* Comprehensive practice oriented work on vascular intervention in adults and children Written by the leading experts with many years experience in research and teaching Richly illustrated overview of all treatment modalities      ***Surgical Neuroangiography*** ,1992      *Surgical Neuroangiography* Alejandro Berenstein,Pierre Lasjaunias,2012-12-06 In Volume 5 of *Surgical Neuroangiography* we will discuss indications and approaches for endovascular treatment of disorders affecting the spine and spinal cord circulations Our approach is similar to those discussed in volume 2 and 4 it requires integration of knowledge concerning functional vascular anatomy lesion angioarchitecture and the relationship between normal and pathological circulations In AVMs these features are considered as they relate to the clinical presentation progression and natural history of the lesion All these factors must then be combined with an understanding of technical capabilities to formulate a pretherapeutic plan designed to favorably affect the long term outcome in the individual patient Endovascular surgery of spinal cord AVMs has become the treatment of choice while microsurgery is reserved for those cases where embolization fails Endovascular surgery may be the sole form of treatment or may be combined with other therapeutic modalities including surgery chemotherapy or radiation in cases of neoplasms or may be palliative to decrease pain or spinal cord compression As in all other areas a multidisciplinary approach is essential for decision making to best accomplish the desired objectives      ***Surgical Neuroangiography*** Pierre L. Lasjaunias,Alejandro Berenstein,Alex Berenstein,1992 V 5 of 5 vol set Pathology pathophysiology clinical presentation evaluation treatment new surgical advances      ***Surgical Neuroangiography*** Pierre Lasjaunias,Alejandro Berenstein,2012-12-06 Gives an account of clinical procedure Based on the description of the functional anatomy of the craniofacial arteries given in Volume 1 Treats technical aspects such as patient preparation technical equipment embolic agent and flow control as well as a description of the therapy for different kinds of tumors fistulas aneurysms and vascular malformation      *Surgical Neuroangiography* Pierre Lasjaunias,Alejandro

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*arteries* Pierre L. Lasjaunias,1987 **Surgical Neuroangiography: Clinical vascular anatomy and variations** Pierre L. Lasjaunias,2001 *Surgical Neuroangiography* Pierre Lasjaunias,Alejandro Berenstein,1990-09-20 This book will be helpful to professionals who use the vascular system of the spine spinal cord and brain in their practice and in their search for better understanding reliability and safety in their decisions and actions by providing a new conceptual approach to the vascular supply to the brain spine and spinal cord Statements such as the median cerebral artery is a branch of the anterior cerebral artery or the internal carotid and vertebral arteries are minor vessels they can be absent They represent the most common distribution pattern to the arterial circle at the base of the brain but certainly not the only one show that the authors are far from providing the traditional presentation of the arterial system in man *Surgical Neuroangiography: Functional vascular anatomy of brain, spinal cord and spine* Pierre L. Lasjaunias,1987 **Surgical Neuroangiography: Functional vascular anatomy of brain, spinal cord lesions and spine** Pierre L. Lasjaunias,1990 **Surgical Neuroangiography:**

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