Arterio Venous Malformations of the Spine (Stroke in the Spinal Cord)

Arteriovenous malformations (AVMs) are defects of the circulatory system that are generally believed to arise during embryonic or fetal development or soon after birth. They are comprised of snarled tangles of arteries and veins. Arteries carry oxygen-rich blood away from the heart to the body’s cells; veins return oxygen-depleted blood to the lungs and heart. The presence of an AVM disrupts this vital cyclical process. Although AVMs can develop in many different sites, those located in the brain or spinal cord—the two parts of the central nervous system—can have especially widespread effects on the body.

AVMs of the brain or spinal cord (neurological AVMs) are believed to affect approximately 300,000 Americans. They occur in males and females of all racial or ethnic backgrounds at roughly equal rates.

Source: National Institute of Neurological Disorders and Stroke:
Arteriovenous Malformations and Other Vascular Lesions of the Central Nervous System Fact Sheet
http://www.ninds.nih.gov/disorders/avms/detail_avms.htm

NINDS AVM Information Page

NINDS Arteriovenous Malformation Information and Other Vascular Lesions
http://www.ninds.nih.gov/disorders/avms/detail_avms.htm

Central Nervous System Vascular Malformations
http://neurosurgery.mgh.harvard.edu/Neurovascular/avm.htm#AVMs
Includes an introduction to vascular malformations of the brain and spine (AVMs, cavernous malformation or cavernous angioma, venous anomaly or venous malformation, and telangiectasia)

Columbia Presbyterian AVMs of the Brain and Spine
http://cpmcnet.columbia.edu/dept/cerebro/AVM.html
Information on AVMs: Symptoms, causes, risks, diagnosis, treatments, investigational studies.
Cincinnati Children’s Hospital
http://www.cincinnatichildrens.org/health/info/vascular/diagnose/arteriovenous.htm?&MHiC=28591&L=10&W=MALFORMED%20arteriovenous%20malformation%20MALFORMATIONS%20MALFORMA%20&Pre=%3CFONT%20STYLE%3D%22color%3A%20%23000000%3B%20background-color%3A%20%23FFFF00%22%3E&Post=%3C/FONT%3E
Hemangiomas and vascular malformations: conditions and diagnoses

Treatment of AVMs at Mayo Clinic-Rochester
http://www.mayoclinic.org/avm-rst/

Wake Forest University Medical Center
http://www1.wfubmc.edu/neurosurgery/Brain+Tumor+Center+of+Excellence/AVM+Index.htm
Links to information on brain vascular malformations, such as arteriovenous malformations (AVM) and cavernous malformations (cavernous angioma).

Spinal AVM Information
http://spinalavminfo.com/

AVM Survivors’ Network
http://www.avmsurvivors.org/

The following books and videos are available for free loan from the PRC library. For more information, please see www.paralysis.org and click the Lending Library tab.

Books


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with your physician or other qualified health care provider before embarking on a new treatment, diet or fitness program. You should never disregard medical advice or delay in seeking it because of something you have read in this message.