Copyright © Radiological Society of North America, Inc. (RSNA)

With the exception of material on other servers that is linked to this server, all materials available on this server are copyrighted by either the Radiological Society of North America (RSNA), 820 Jorie Boulevard, Oak Brook, IL 60523-2251 or the American College of Radiology (ACR), 1891 Preston White Drive, Reston, VA 20191-4397. Links can be made to any of this material from your WWW pages. However, please link to the original documents. Copying and/or serving from your local site are allowed only with permission of the RSNA or ACR. As per copyright regulations, "fair use" of selected portions of the material for educational purposes by individuals and organizations is permitted, provided that proper attribution accompanies such use. The RSNA and ACR copyright notice must appear on all copies. Commercial reproduction or multiple distribution by any traditional or electronically based reproduction/publication method is prohibited. RSNA and ACR specifically grant permission to their members to download and reproduce any of this copyrighted material presented on this site for patient education purposes. Except for use in copyright notices included on "fair use" excerpts, the name of the Radiological Society of North America, Inc (RSNA), or the RSNA logo may not be used without specific, prior written permission of RSNA for any purpose, including but not limited to advertising or publicity pertaining to distribution of information from this website. The name of the American College of Radiology (ACR) or the ACR logo may not be used without specific prior written permission of the ACR for any purpose including but not limited to advertising or publicity pertaining to distribution of this information.

Disclaimer

This information is copied from the RadiologyInfo Web site (http://www.radiologyinfo.org) which is dedicated to providing the highest quality information. To ensure that, each section is reviewed by a physician with expertise in the area presented. All information contained in the Web site is further reviewed by an ACR (American College of Radiology) - RSNA (Radiological Society of North America) committee, comprising physicians with expertise in several radiologic areas.

However, it is not possible to assure that this Web site contains complete, up-to-date information on any particular subject. Therefore, ACR and RSNA make no representations or warranties about the suitability of this information for use for any particular purpose. All information is provided "as is" without express or implied warranty.

Please visit the RadiologyInfo Web site at http://www.radiologyinfo.org to view or download the latest information.

Note: Images may be shown for illustrative purposes. Do not attempt to draw conclusions or make diagnoses by comparing these images to other medical images, particularly your own. Only qualified physicians should interpret images; the radiologist is the physician expert trained in medical imaging.

Copyright

This material is copyrighted by either the Radiological Society of North America (RSNA), 820 Jorie Boulevard, Oak Brook, IL 60523-2251 or the American College of Radiology (ACR), 1891 Preston White Drive, Reston, VA 20191-4397. Commercial reproduction or multiple distribution by any traditional or electronically based reproduction/publication method is prohibited.

Copyright © 2021 Radiological Society of North America, Inc.