



Current Issue

Browse Issues

Search



About this Journal

Instruction to Authors

Online Submission

Subscription

Contact Us



RSS Feed

Acta Medica Iranica

2009;47(4) : 239-243

Case Report

Migration of the Tip of a Central Venous Catheter

M. Shariat MD, MMed¹

M. Zahiah MD, MMed¹

P.K. Chan MD¹

1. Department of Radiology, Hospital Universiti Kebangsaan Malaysia, Cheras, Kuala Lumpur, Malaysia.



Corresponding Author:

Masoud Shariat

Address: Department of Radiology, Hospital Universiti Kebangsaan Malaysia, Cheras, Kuala Lumpur, Malaysia.

Tel: +60-12-2175060

Email: masoudshariat@gmail.com

Received: March 3,2008

Accept : August 10,2008

Abstract:

Presented here is a 47-year-old man for whom right central venous chemoport catheterization was performed without radiological guidance. Within 8 days, the catheter became nonfunctional and non-contrasted thoracic CT was performed to trace its course. The tip of the catheter appeared to have perforated the opposite wall of the ipsilateral brachiocephalic vein and entered the adjacent brachiocephalic artery. It then maintained its course along the ascending aorta to perforate, once again, the opposite wall of the aorta before finally resting in the aortopulmonary soft tissue. Migration of chemoport is not uncommon, and may present in many ways. However, it is rare for a migration to occur in the way described here and only present with catheter blockage. Radiological guidance of any central vascular catheterization greatly reduces the risk of complications.

Keywords:

[Migration](#) , [Chemoport](#) , [Thorax](#) , [Computerized Tomography](#) , [Catheterization](#)

TUMS ID: 12516

Full Text HTML Full Text PDF 970 kB

top ▲

[Home](#) - [About](#) - [Contact Us](#)

TUMS E. Journals 2004-2009
Central Library & Documents Center
Tehran University of Medical Sciences

Best view with Internet Explorer 6 or Later at 1024*768 Resolutions