A 79-year-old man was being evaluated for possible mitral valve repair for increasing mitral regurgitation. Transesophageal echocardiography with color flow Doppler showed left atrial enlargement, mitral valve prolapse, and spontaneous changes in the direction and configuration of regurgitant jets (during the same imaging study) determined by which leaflet prolapsed into the left atrium during systole. A, Mitral valve prolapse (white arrows) involving both leaflets. B, Centrally located mosaic jet (white arrowheads) resulting from the bileaflet prolapse shown in A. C, Eccentric, laterally located mosaic jet along the lateral wall of the left atrium (white arrowheads) associated with prolapse of only the anterior mitral leaflet. D, Eccentric, medially located mosaic jet (white arrowheads) along the posterior wall of the aorta associated with prolapse of the posterior mitral leaflet. LA indicates left atrium; LV, left ventricle; and AO, aorta.
Leaflet-Dependent Spectrum of Regurgitant Jet in Mitral Valve Prolapse
Azam Ansari and Barry J. Maron

Circulation. 1998;97:805
doi: 10.1161/01.CIR.97.8.805
Circulation is published by the American Heart Association, 7272 Greenville Avenue, Dallas, TX 75231
Copyright © 1998 American Heart Association, Inc. All rights reserved.
Print ISSN: 0009-7322. Online ISSN: 1524-4539

The online version of this article, along with updated information and services, is located on the
World Wide Web at:
http://circ.ahajournals.org/content/97/8/805

Permissions: Requests for permissions to reproduce figures, tables, or portions of articles originally published
in Circulation can be obtained via RightsLink, a service of the Copyright Clearance Center, not the Editorial
Office. Once the online version of the published article for which permission is being requested is located,
click Request Permissions in the middle column of the Web page under Services. Further information about
this process is available in the Permissions and Rights Question and Answer document.

Reprints: Information about reprints can be found online at:
http://www.lww.com/reprints

Subscriptions: Information about subscribing to Circulation is online at:
http://circ.ahajournals.org/subscriptions/