

AN INFANT WITH VASCULAR RING DIAGNOSED ON THE BASIS OF FIXED OBSTRUCTION FINDINGS IN THE FLOW VOLUME CURVE

I. Bostanci¹, I. Turktas², Ra. Olgunturk³, Ve. Halit⁴

*¹Department of Pediatric Allergy and Asthma, Ankara State Hospital ²Department of Pediatric Allergy and Asthma ³Department of Pediatric Cardiology ⁴Department of Cardiovascular Surgery, Gazi University, Faculty of Medicine, Ankara, Turkey
ilknuebirol@hotmail.com*

In this paper we report an infant who was previously diagnosed as laryngomalacia but later was found to have a vascular ring. We report a case of vascular ring abnormality, which was first suspected due to the findings in the flow-volume curve which is the part of the infant spirometry technique.

Introduction

Even a carefully taken history with detailed questioning of wheezing is not likely to be useful in the diagnosis of the cause of wheezing. Lung function tests of infants have been of great use for most of us dealing with pediatric respiratory diseases. This sophisticated technique is used more frequently in pulmonary function laboratories compared with the past (1). We report a case of vascular ring abnormality, which was first suspected due to the findings in the flow-volume curve in one of our patients using this technique.

