

# Scrotal Edema in Dilated Cardiomyopathy

## Edema da Bolsa Escrotal em Cardiomiopatia Dilatada



Óscar FABREGAT-ANDRÉS<sup>1</sup>, Miriam CORET-MOYA<sup>2</sup>, Francisco RIDOCCI-SORIANO<sup>1</sup>  
*Acta Med Port* 2014 Jan-Feb;27(1):146-146

**Keywords:** Cardiomyopathy, Dilated; Edema; Scrotum.

**Palavras-chave:** Cardiomiopatia Dilatada; Edema; Escroto.



**Figure 1A** - Picture of the scrotal edema showing the complete invagination of the penis into the scrotum

**Figure 1B** - Testicular ultrasound showing a soft tissue edema with skin thickness of 43 mm

A 64-year-old male with a history of permanent atrial fibrillation and non-ischemic dilated cardiomyopathy was admitted to our centre with acute decompensated heart failure. He presented with progressive exertional dyspnea, orthopnea and leg swelling. Initial physical examination revealed arterial hypotension (86/45 mmHg), irregular heart-beat with a mitral 2/6 systolic murmur and minimal peripheral edema. Subsequent more careful examination showed a giant scrotal edema with intussusception of the penis into the scrotum (Fig. 1A). As recommended,<sup>1</sup> a testicular ultrasound was performed showing morphologically normal tes-

tis and appropriately vascularized, and soft tissue edema with skin thickness of 43 mm (Fig. 1B). After a week of intravenous diuretic therapy, the patient lost 12 kg in weight and the scrotal edema was resolved almost entirely.

Congestive heart failure was usually associated with fluid build-up in abdomen and peripheral regions. The occurrence of a mild scrotal edema is a common finding in this clinical setting.<sup>2</sup> The clinical presentation of this case is striking because edema was focused in the scrotum, with minimal swelling in lower limbs and abdominal region.

### REFERENCES

1. Anastasi G, Buemi M, Mucciardi G, Crea G, Sanfilippo G, Magno C. Usefulness of ultrasonography in the diagnosis of acute scrotal edema. *Arch Ital Urol Androl.* 2000;72:238-40.
2. McMurray JJ, Adamopoulos S, Anker SD, Auricchio A, Böhm M, Dickstein K, et al. ESC guidelines for the diagnosis and treatment of acute and chronic heart failure 2012: The Task Force for the Diagnosis and Treatment of Acute and Chronic Heart Failure 2012 of the European Society of Cardiology. *Eur Heart J.* 2012;33:1787-847.

1. Cardiology Department. University Hospital Geral. Valencia. Spain.

2. Anesthesiology Department. University Hospital Geral. Valencia. Spain.

Recebido: 26 de Março de 2013 - Aceite: 09 de Maio de 2013 | Copyright © Ordem dos Médicos 2013



Óscar FABREGAT-ANDRÉS, Miriam CORET-MOYA, Francisco RIDOCCI-SORIANO

## Scrotal Edema in Dilated Cardiomyopathy

Acta Med Port 2014;27:146-146

Publicado pela **Acta Médica Portuguesa**, a Revista Científica da Ordem dos Médicos

Av. Almirante Gago Coutinho, 151

1749-084 Lisboa, Portugal.

Tel: +351 218 428 215

E-mail: [submissao@actamedicaportuguesa.com](mailto:submissao@actamedicaportuguesa.com)

[www.actamedicaportuguesa.com](http://www.actamedicaportuguesa.com)

ISSN:0870-399X | e-ISSN: 1646-0758



ACTA MÉDICA  
PORTUGUESA

