Progressive right lower extremity enlargement

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Question:

A 72-year-old female with a history of lymphedema, type II diabetes mellitus, and adult onset dermatomyositis (diag-

nosed at age 64) presented for evaluation of progressive lower extremity weakness and progressive enlargement of her right lower extremity. The patient described her leg weakness as chronic, however the right leg enlargement had

Fig. 1 Coronal STIR and axial T1 images of the femur

The diagnosis can be found at doi:10.1007/s00256-011-1279-z.

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Fig. 2 Coronal STIR and axial T1 images of the tibia

been progressive over the last 12 months. The patient had previously been prescribed furosemide and compression stockings to be worn on her right leg, but these were ineffective. The patient was referred to our institution for

further evaluation, and an MRI of the lower extremities was performed (Figs. 1 and 2).

Conflict of interest The authors declare they have no conflict of interest.