



Fig 1 Representative MRI scans of untreated high-flow arteriovenous (AVM) and low-flow lymphatic (LM) and venous malformations (VM). **A** and **B** depict a high-flow AVM in the groin and gluteal muscles on coronal contrast-enhanced T1-weighted sequence (**A**) and MR angiography (**B**). **C** and **D** show a low-flow LM in the pelvis with an enhanced cyst wall on contrast-enhanced T1-weighted (**C**) and hyperintensity with characteristic fluid-fluid-levels on T2-weighted MRI (**D**). **E** and **F** show a low-flow VM in the ventral lower leg, which is isointense to the surrounding muscle on axial T1-weighted MRI (**E**) and hyperintense on axial T2-weighted sequences (**F**).