FIG. 11: A 17-year-old female with painful VM of the lower left thigh.  
A: Sagittal T₁-weighted spin-echo sequence fat-saturated MRI demonstrates VM (curved arrows) involving the vastus lateralis muscle. Note adjacent periosteal new bone formation (straight arrow).  
B: Transverse T₁-weighted spin-echo fat-saturated MRI shows dilated vascular channels (straight arrow) in VM.  
C: The nidus was directly punctured under ultrasound guidance with a 22-gauge angiocath. A supersystolic tourniquet was applied to the upper thigh, and contrast material was injected until there was filling of normal feeders to the popliteal vein (straight arrow). This in-volume was then injected as pure alcohol, opacified with metrizamide (Amipaque; Nycomed, Markham, Ont.). Metrizamide is no longer manufactured.

[Return to text]