

Site	Discussion
Vastus Lateralis	<p>Location*</p> <p>Palpate to find greater trochanter and knee joint; divide vertical distance between these two landmarks into thirds; inject middle third</p> <p>Needle Insertion and Size</p> <p>Insert needle perpendicular to knee in infants and young children or perpendicular to thigh and slightly angled toward anterior thigh</p> <p>22 to 25 gauge 5/8" to 1 in</p> <p>Advantage</p> <p>Large, well-developed muscle that tolerates large quantities of fluid (0.5 ml [infant] to 1 ml [child])</p> <p>Easily accessed if child is supine, sitting, or lying on side</p> <p>Disadvantage</p> <p>Thrombosis of femoral artery from injection in mid-thigh area</p> <p>Sciatic nerve damage if long needle injected posteriorly</p> <p>Medially small external thigh</p> <p>More painful than deltoid or gluteal sites</p>
Ventrogluteal	<p>Location*</p>

