

The sixth thoracic dorsal spinal rami run posteriorly, adjacent to the zygapophyseal joints between T6 and T7 and divide into medial and lateral branches.

The medial branches emerge between the joints and the medial edges of the superior costotransverse ligaments and the intertransversarii muscles, to pass between the semispinalis thoracis and multifidus muscles to reach the spinous processes of T6 and T7. Here they pierce the rhomboideus and trapezius muscles to terminate in the overlying skin.

**Supply**

The medial branches of the sixth thoracic dorsal spinal rami supply the semispinalis thoracis and multifidus muscles and the skin overlying the sixth and seventh thoracic spinous processes.