

The tenth thoracic dorsal spinal rami run posteriorly, adjacent to the zygapophyseal joints between T10 and T11 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 semispinalis thoracis and multifidus to reach the spinous processes of T10 and T11. Here they pierce the trapezius muscle to terminate in the overlying skin. The lateral branches emerge between the superior costotransverse ligaments and the intertransversarii muscles and pass between the longissimus thoracis and iliocostalis cervicis muscles to reach the medial border of levatores costarum.

Supply

The tenth thoracic dorsal spinal rami supply the multifidus, longissimus thoracis, iliocostalis cervicis, levatores costarum and interspinales muscles as well as the skin overlying the tenth and eleventh thoracic spinous processes.