

The eighth thoracic dorsal spinal rami run posteriorly, adjacent to the zygapophyseal joints between T8 and T9 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 T8 and T9. Occasionally it pierces trapezius to reach and supply skin close to the midline.

Supply

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