A 45-year-old woman, who was in follow-up due to multinodular goiter, presented symptoms of rapid growth in the size of the thyroid gland with associated dysphonia, dysphagia to liquids and dyspnea when lying down. Cervical CT revealed a large thyroid mass (12 × 15 × 8.5 cm) that displaced and compressed the pharynx and esophagus, with notable infiltration of the tracheal lumen (6 mm). The patient also presented with the “doughnut sign” as the mass completely wrapped around the trachea, separating it from the esophagus (Fig. 1), which is characteristic of thyroid lymphoma. Thyroid biopsy confirmed the diagnosis of diffuse large B-cell non-Hodgkin’s lymphoma.