As a case report, this submission was exempt from review by the Indiana University Institutional Review Board. A 45 year old previously healthy female presented with history of dysphonia due to recurring right hemilaryngeal mass. She had been treated by local otolaryngologists who removed the mass on two previous occasions, with pathology, both times, was described as granulomatous tissue. The patient had negative workup for autoimmune diseases due to obstructive laryngeal mass. After repeat surgical resection, and only 16 cases of Rosai-Dorfman disease with recurrent laryngeal mass have been documented in the literature. As a case report, this submission was exempt from review by the Indiana University Institutional Review Board.

Conclusions

1. Although Rosai-Dorfman disease is a benign proliferation of histiocytes, it may present in an aggressive fashion and can recur with significant morbidity.
2. The literature demonstrates that Rosai-Dorfman disease is a rare pathological diagnosis, and a rare condition with limited information available on clinical presentation, diagnosis, and treatment.
3. Rosai-Dorfman disease is a benign proliferation of histiocytes, but can present with recurrent laryngeal mass involving the larynx.

The authors believe that the clinical presentation, diagnosis, and treatment of Rosai-Dorfman disease is an under-recognized and rare condition with limited information available on clinical presentation, diagnosis, and treatment. They recommend the establishment of a multidisciplinary approach to the management of patients with Rosai-Dorfman disease to optimize outcomes and minimize morbidity.

REFERENCES