Primary Thymic Germinoma in an 11-year-old boy with Lowe Syndrome

Toshiko Takezoe[1], Toshihiko Watanabe[1], Katsuhiro Ogawa[1], Kotaro Tomonaga[1], Mioko Nomura[1], Michinobu Ohno[1], Kazunori Tahara[1], Tomoro Hishiki[1], Akihiro Fujino[1], Tetsuya Ishimaru[1], and Yutaka Kanamori[1]

[1]Kokuritsu Kenkyu Kaihatsu Hojin Kokuritsu Seiiku Iryo Kenkyu Center Seiiku Iden Kenkyubu

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Abstract

An 11-year-old boy with Lowe syndrome developed secondary sexual characteristics within a few weeks, suggestive of precocious puberty. His blood tests were positive for serum-human chorionic gonadotropin, and imaging revealed a right thymic lobe mass containing small cystic lesions. A germ cell tumor with malignant potential was suspected. Thus, we performed an extended thymectomy with mediastinal lymph node dissection and confirmed germinoma of the right thymic lobe without lymph node metastasis; the patient underwent four courses of chemotherapy. Follow-up evaluations indicated no recurrence. Thus, we present a highly rare case report of thymic germinoma complicated by Lowe syndrome.

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available at https://authorea.com/users/758692/articles/732883-primary-thymic-germinoma-in-an-11-year-old-boy-with-lowe-syndrome

Fig. 1

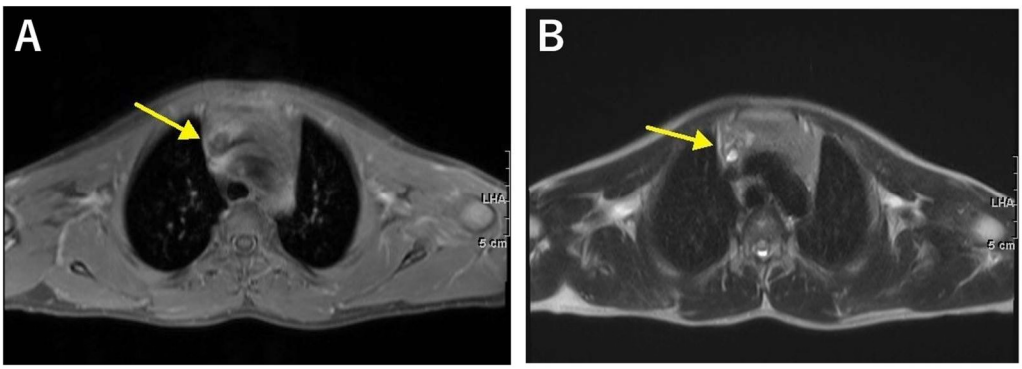

Fig. 2