

### ABSTRACT

**Background:** Tumor occurs in about 1.5–2.8 per 1000 confined to the pediatric age and occurs in adult, equally distributed in both genders. It is a congenital malformation of the lymphatics that consist of cysts of varying size. It may arise in any organ. Mostly in the head and neck, the axilla and mediastinum.

**Objective:** Evaluation of sclerotherapy in the treatment of lymphangioma in children and to determine the incidence of complications in the treatment.

**Conclusion:** Intralesional sclerotherapy was very effective in the treatment of lymphangioma. Our results were comparable to other published studies. Sod. Tetradecyl sulphate 2% (Fibrovein) administered as intralesional injection was found to be safe as there was no serious complication or side effect observed in this study.

### BACKGROUND

Tumor occurs in about 1.5–2.8 per 1000 confined to the pediatric age, and reported in adults, equally distributed in both genders. It is a congenital malformation of the lymphatic vessels that consist of cysts of varying size. It may arise in any organ or soft tissue. The most frequent occurrence is in the head and neck region and involves the axilla and mediastinum.

### PURPOSE

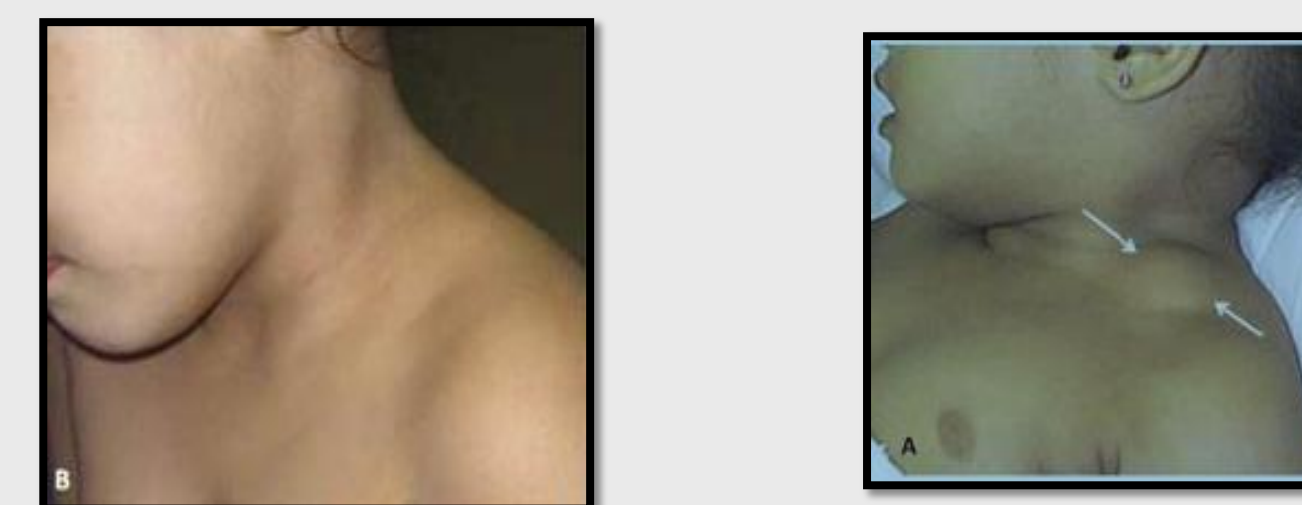
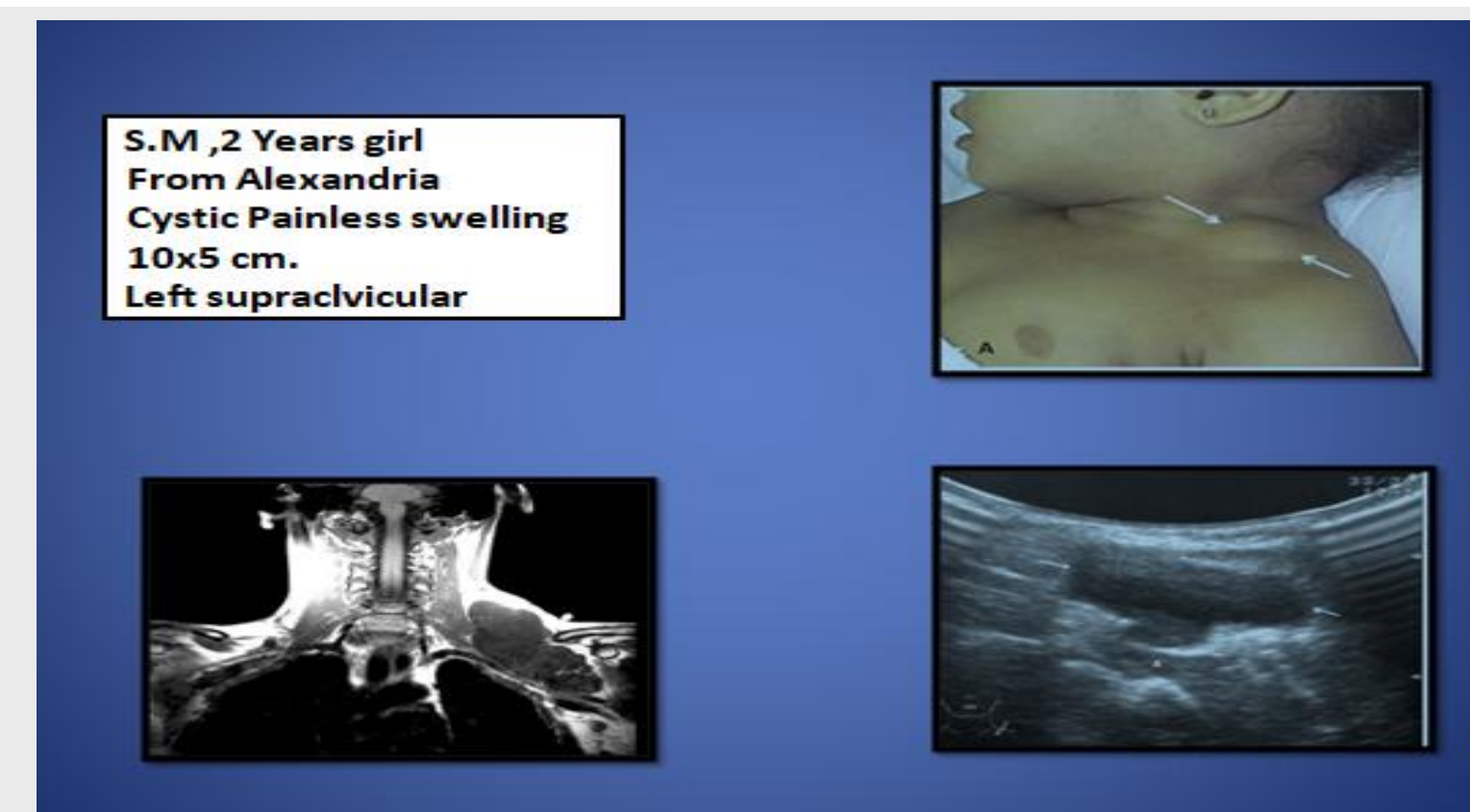
Evaluation of sclerotherapy in the treatment of lymphangioma in children and to determine the incidence of complications in the treatment.

### METHODS

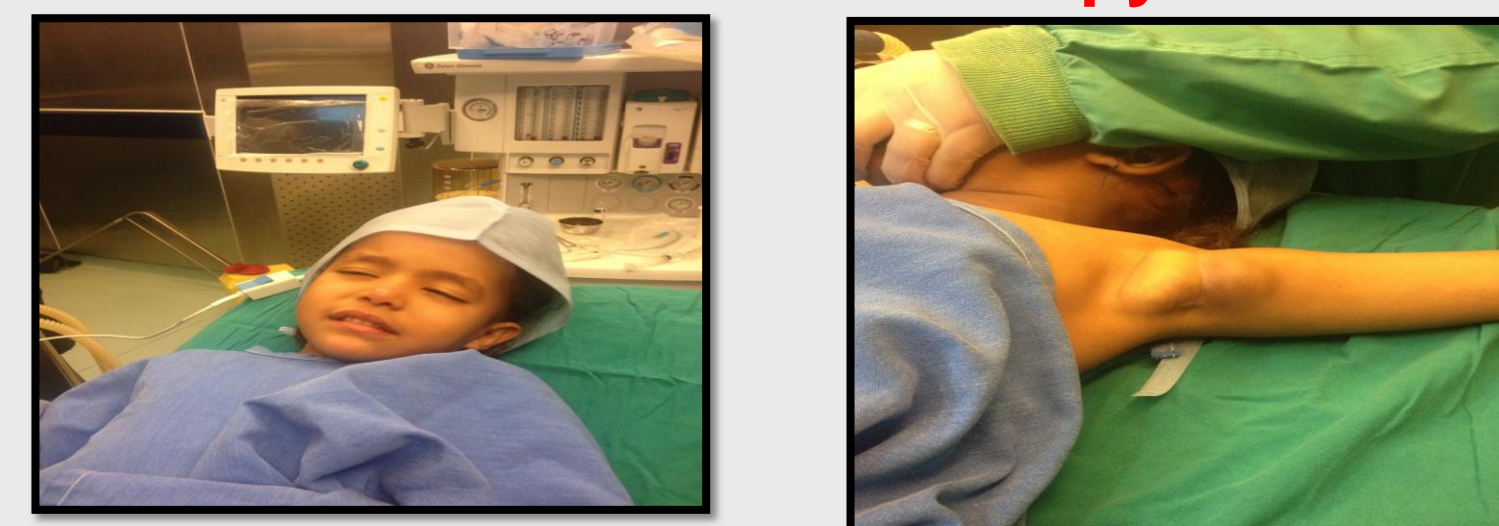
children were admitted to Sporting students hospital in Alexandria Oct.1st 2018 – Feb. 28th 2018 with proved lymphangioma. Guided aspiration under G.A. was done from all cysts of lymphatic fluid 1/6 equivalent solution of sod. Tetradecyl sulphate 2% (Fibrovein) was slowly injected (guided). Compression for 5 days and follow up after 7 days, 1 and 6 months by clinical and ultrasound examination.



### RESULTS

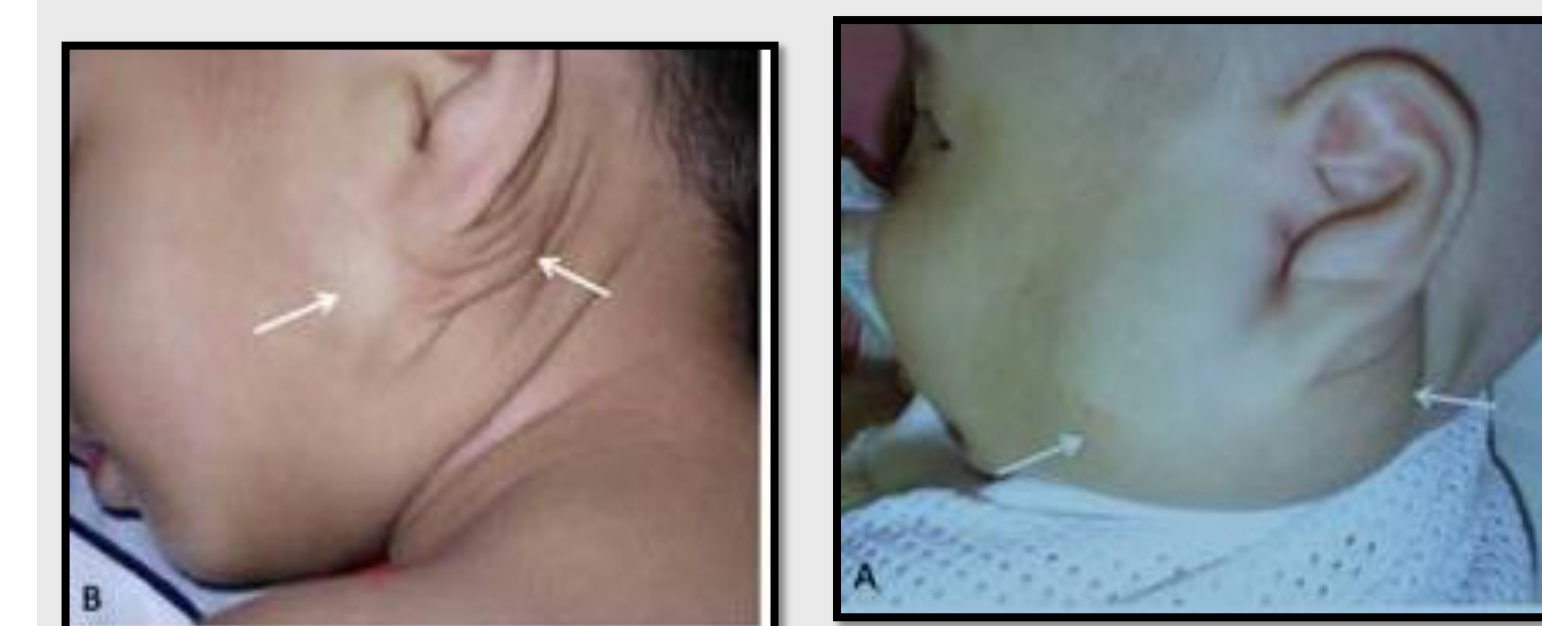


### Pre&Post Sclerotherapy.



### RESULTS

### Pre&Post Sclerotherapy.



### CONCLUSION

Intralesional sclerotherapy was very effective in the treatment of lymphangioma. Our results were comparable to other published studies. Sod. Tetradecyl sulphate 2% (Fibrovein) administered as intralesional injection was found to be safe as there was no serious complication or side effect observed in this study.

### DISCLOSURES

No