

A Service Evaluation Of Paediatric Oral Mucosal Disease Experience In A Tertiary Joint Paediatric-Oral Medicine Clinic

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Background

The true, global prevalence of paediatric oral mucosal disease has historically proved difficult to determine, based on heterogeneity and inherent limitations in study designs, and a largely descriptive narrative.

The 2019 'World Workshop on Oral Medicine VII: Relative frequency of oral mucosal lesions in children, a scoping review' paper aimed to quantify paediatric oral mucosal disease experience globally based on pooled and region-specific data from clinical studies and biopsy reports.

Overview

- 22 joint Oral Medicine-Paediatric clinics were attended in 2018.
- 270 patients were treated, with 111 new referrals received.
- The age of patients ranged from 8 months to 18 years.

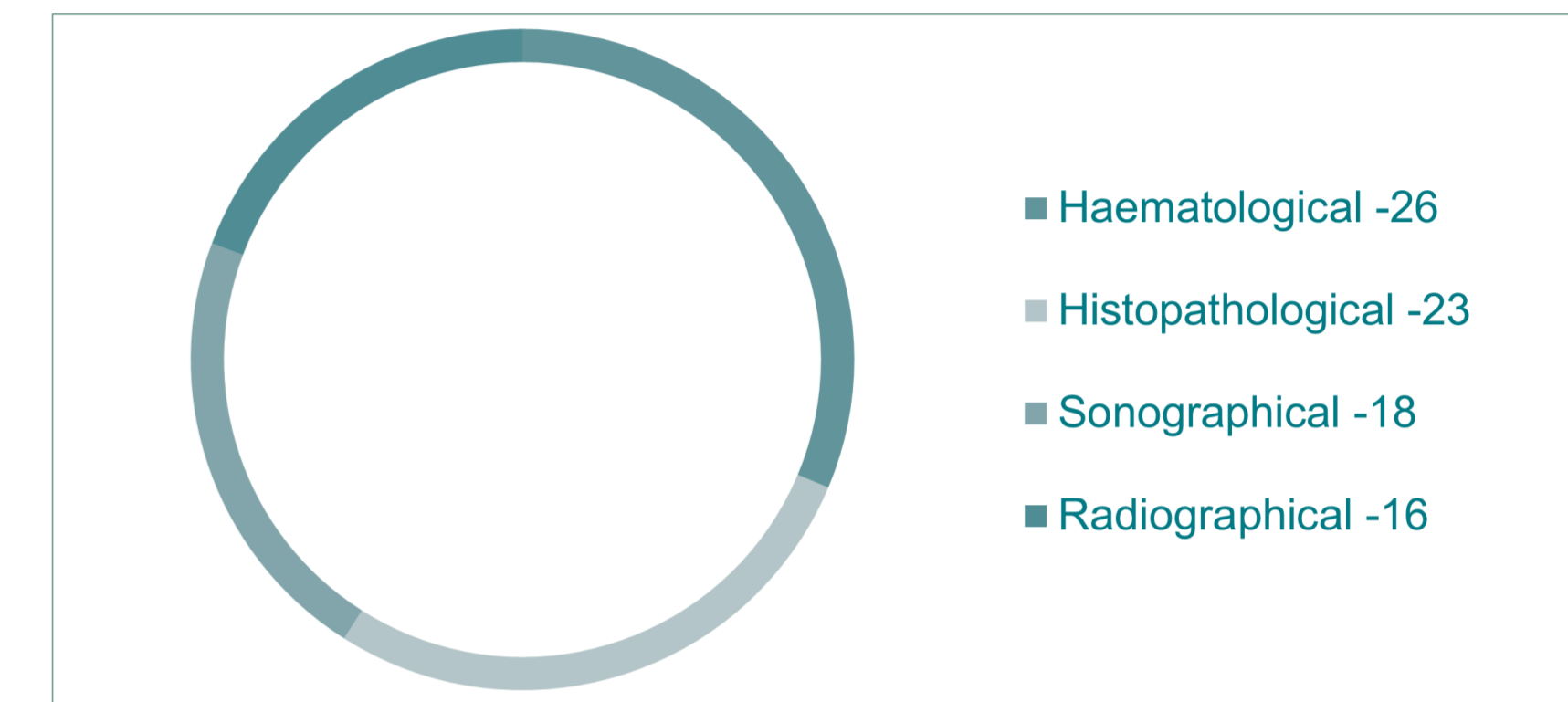
Referral Pathways



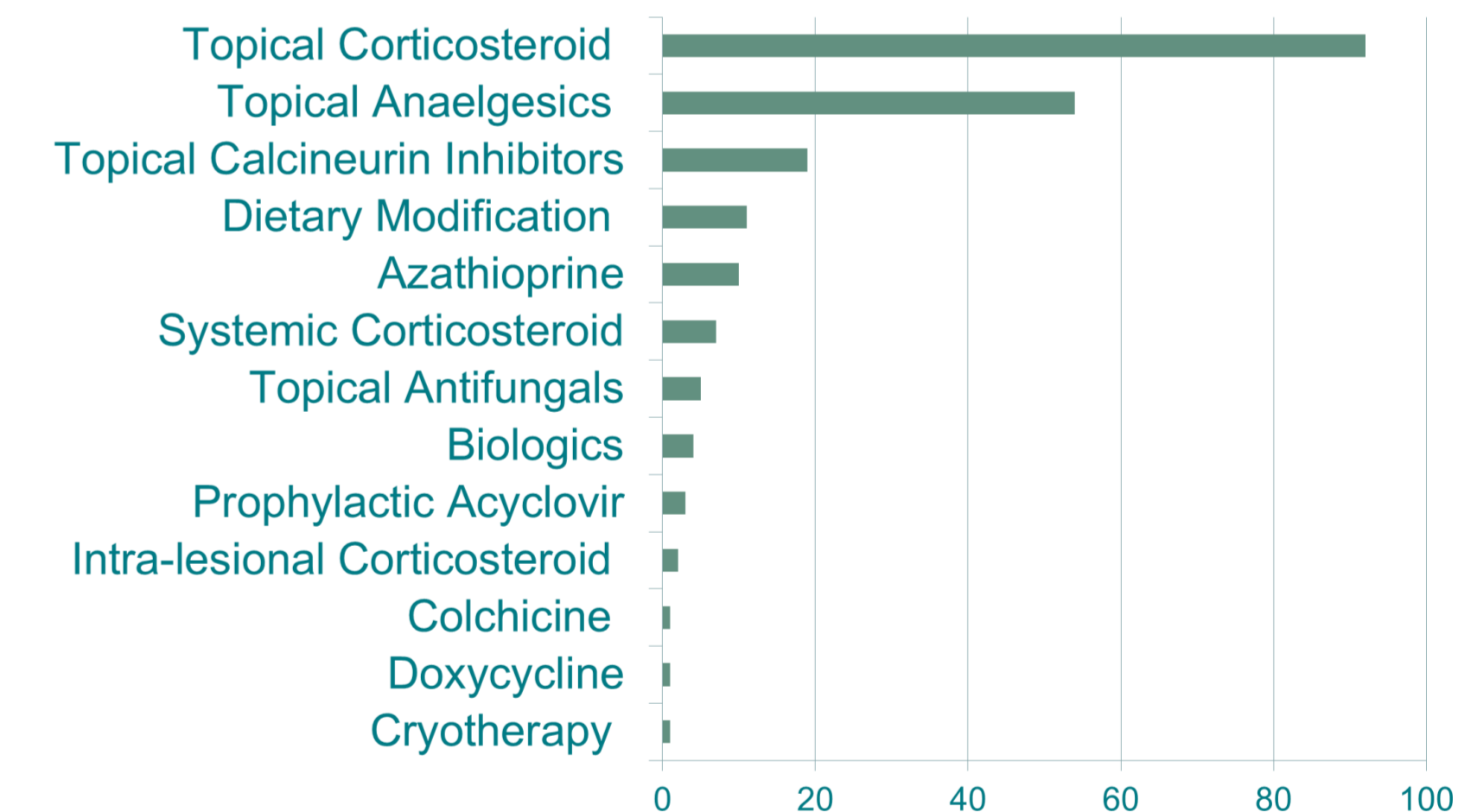
Disease Activity

Oral Ulceration	
Recurrent Aphthous Stomatitis	65
Traumatic	14
Aphthous Like Ulceration	9
Gingival Conditions	
Fibrous hyperplasia / Reactive lesions	14
Gingival Cysts of Infancy	5
Localised Juvenile Spongiotic Gingival Hyperplasia	3
Drug Induced Hyperplasia	2
Plasma Cell Gingivitis	3
Mucocutaneous Disease	
Oral Lichen Planus	5
Erythema Multiforme	4
Chronic GvHD	2
Autoimmune polyendocrinopathy candidiasis ectodermal dystrophy	1
Behcet's Disease	1
Granulomatous Disease	
Oral manifestation of Crohn's	18
Orofacial Granulomatosis	13
Infective	
Oral Candidiasis	4
HSV Infection	3
Squamous Papilloma	3
Odontogenic Infection	1
Salivary Gland Pathology	
Retention/ Extravasation Cysts	24
Sialolithiasis	3
Salivary Gland Aplasia	2
Sialorrhea	2
Anatomical Variation/ Developmental Lesions	
Geographic Tongue	11
Haemangioma / Lymphangioma	10
Melanocytic Lesions	8
Bony Exostosis	2
Other	
Frictional Keratosis	4
Oral Submucous Fibrosis	1
Myofascial TMD	1

Investigations



Treatments



Conclusion

Similarity is noted to World Workshop conclusions, with a predominance of benign oral mucosal disease within this patient demographic.

Whilst the World Workshop data represented mostly transient conditions, with an infectious or traumatic aetiology, within this cohort there was a greater representation of the oral manifestation of systemic disease.