

Pemphigus, Pemphigoid and the Mouth

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INSTITUTE

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NHS Foundation Trust

Aims & Objectives

Aim:

To make attendees aware of the importance of the mouth in pemphigus and pemphigoid

Objectives:

At the close of the discussion attendees should:

- Be able to identify the importance of attending the dental surgeon / hygienist to support their overall disease management
- Be familiar with some of the topical treatments available for them to use for mouth disease
- Be aware of the resources for patients / carers provided by the British & Irish Society for Oral Medicine (BISOM)

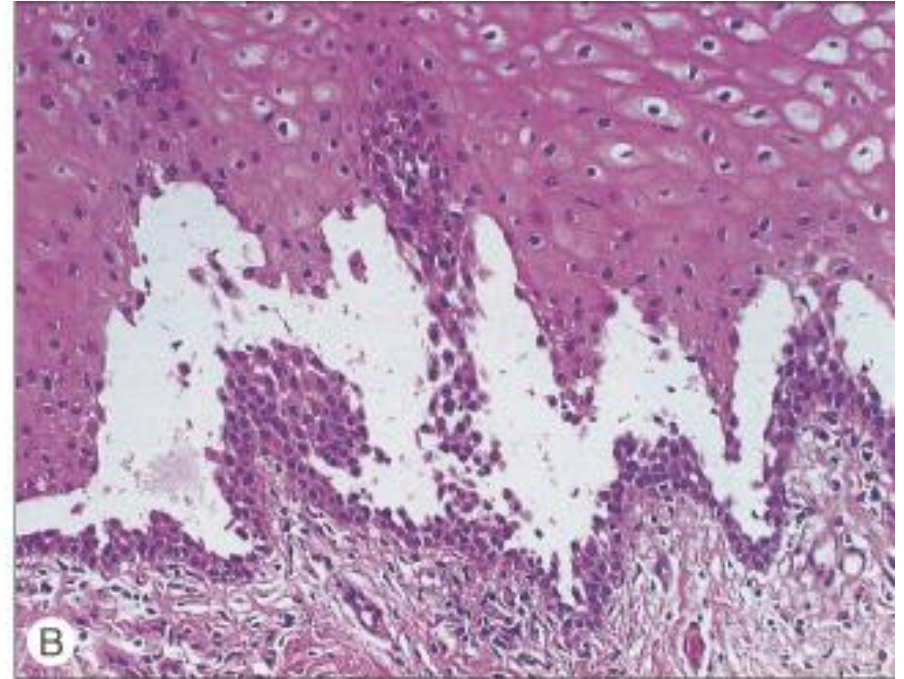
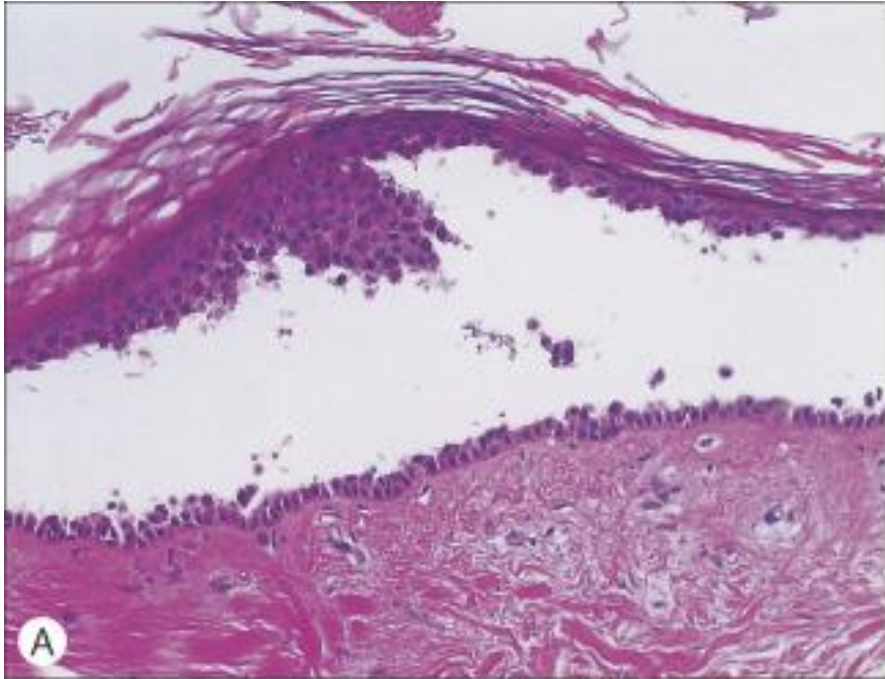


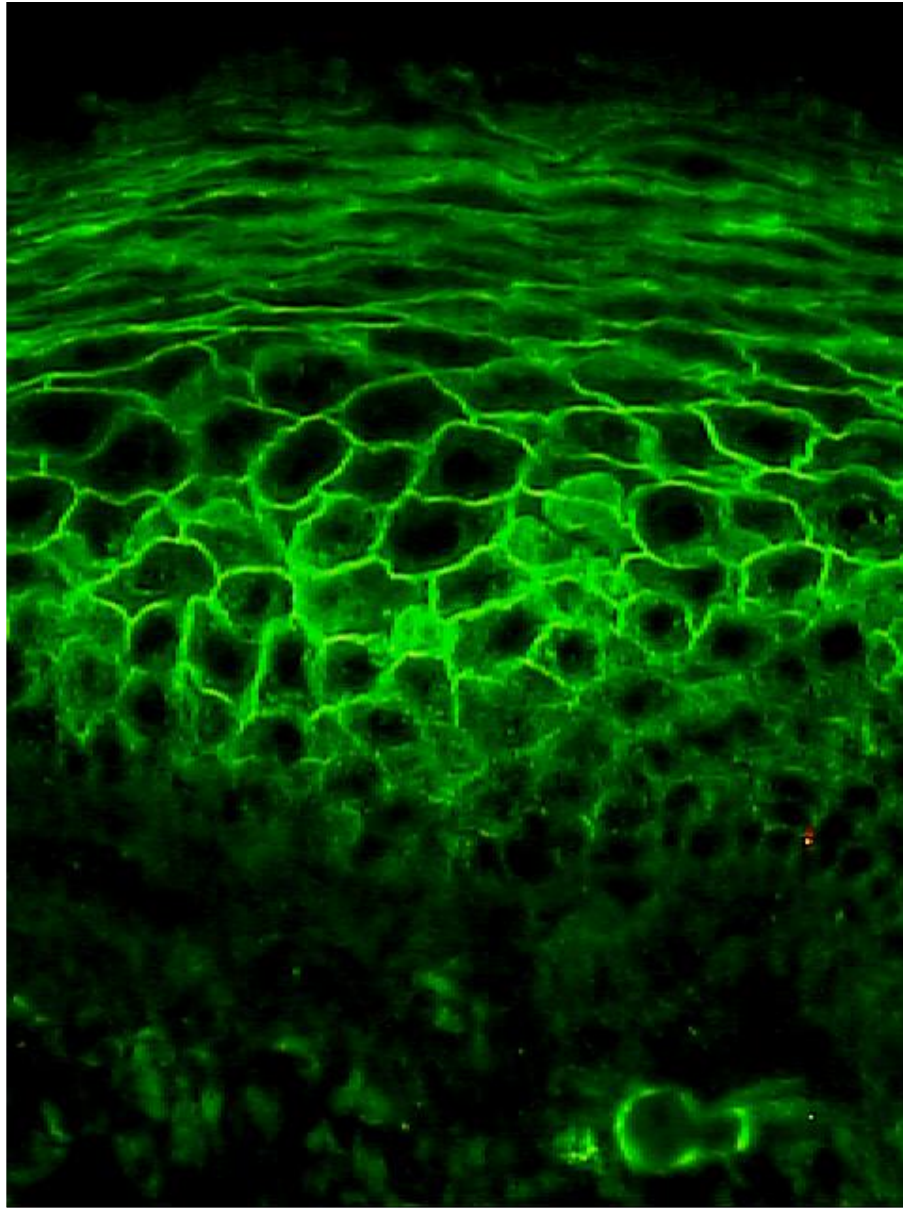
Pemphigus vulgaris

- Circulating and tissue bound auto-antibodies against desmosomes
- Dissolution of cell-cell adhesion
- Easily ruptured skin and oral (mouth blisters) leading to erosions and ulcers

https://onlinelibrary.wiley.com/page/journal/13652133/homepage/bad_guidelines.htm



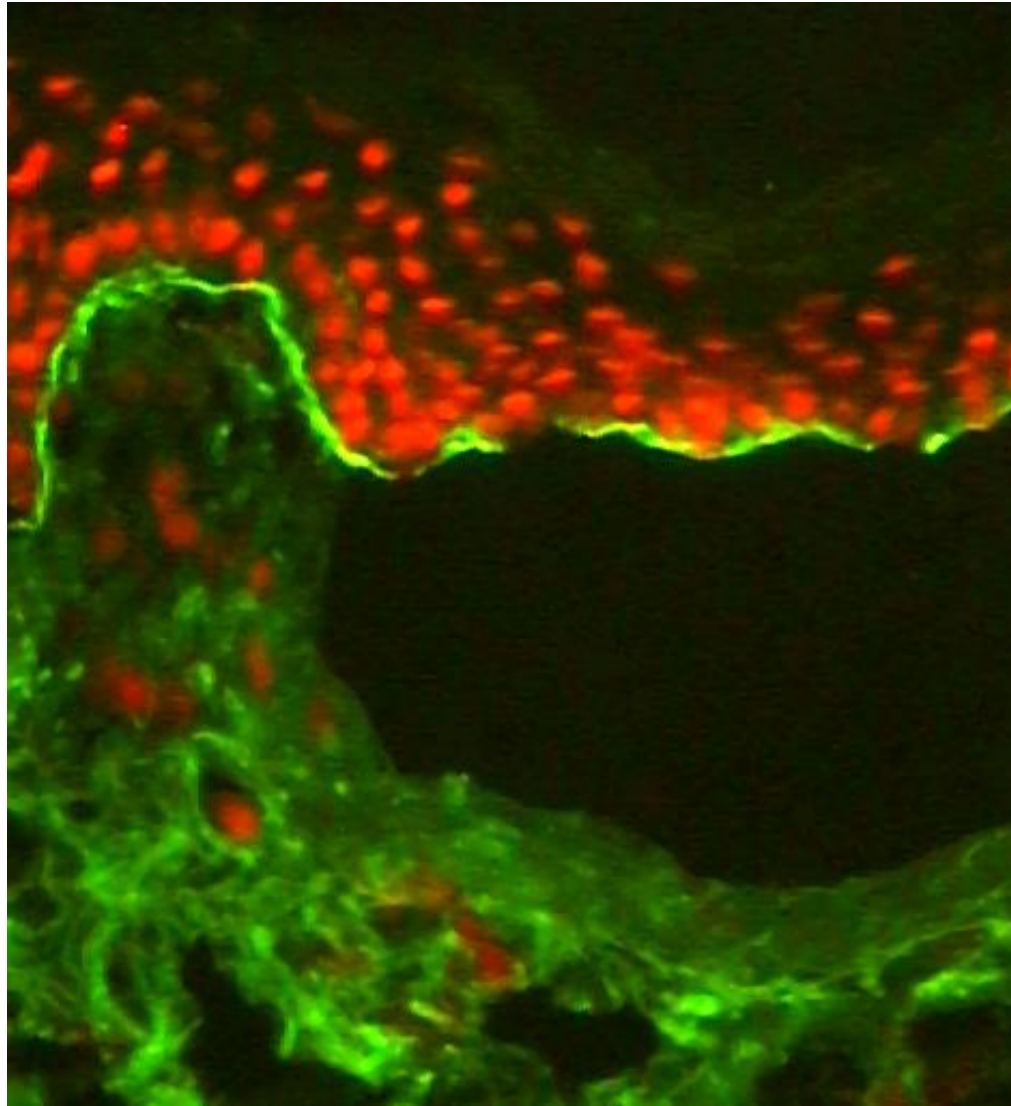




Pemphigoid

- Autoimmune blistering disease, mainly of elderly
- Circulating and tissue bound antibodies to the basement membrane zone (join between the skin and underlying tissue)
- Epidermis lifts off dermis
- Large tense blisters – break to form ulcers

<https://www.bad.org.uk/for-the-public/patient-information-leaflets/pemphigoid>



MANAGEMENT OF ORAL ULCERS

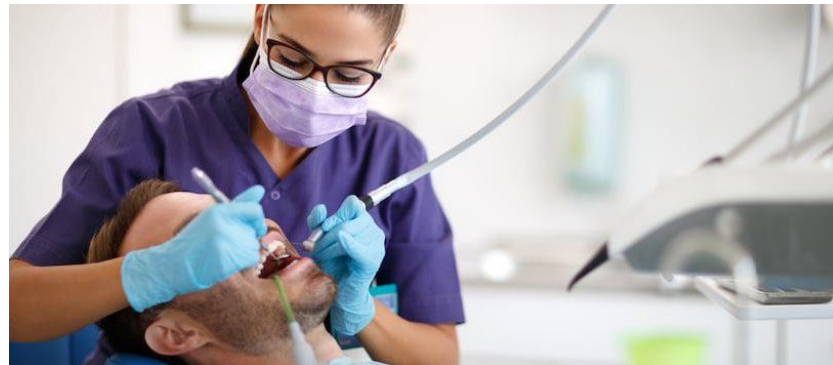


Principles of oral ulcer management

- Treat the underlying cause
- Remove causative factors
- Provide symptomatic relief
- Maintain adequate oral hygiene

Oral Hygiene in Oral Ulcerative Conditions

- Optimising oral hygiene is crucial in the management of mouth ulcer conditions
- Important role for dentist / hygienist in supporting the patient
- Oral hygiene therapy in patients with inflammatory oral ulcer conditions is found to heal ulcers, reduce pain and gingival bleeding



Symptomatic relief for mouth ulcers

- Benzydamine hydrochloride (Diffiam®)
- Chlorhexidine gluconate (Corsodyl®)
- Lidocaine 5% ointment
- Carboxymethylcellulose (Orabase®)



Topical Corticosteroids

LOW POTENCY		
Hydrocortisone oral mucosal tablets	Previously Corlan®	2.5 mg
Triamcinolone acetonide (no longer available)	Previously Adcortyl in Orabase®	0.10 %
MODERATE POTENCY		
Betamethasone valerate ointment	Betnovate®	0.05 %
Betamethasone soluble tablets	Previously Betnesol®	500 mcg
Fluticasone propionate ointment	Cutivate®	0.005 %
HIGH POTENCY		
Beclomethasone dipropionate spray	Becotide®	50 mcg
Fluticasone propionate nasal spray	Flixonase®	50 mcg
Fluticasone propionate nasules	Flixonase®	400 mcg
SUPER POTENCY		
Clobetasol proprionate ointment	Dermovate®	0.05 %

Red highlighted – prescribed by Dentists on NHS



Systemic Medications for Pemphigus / Pemphigoid

- Systemic corticosteroids (prednisolone)
- Azathioprine
- Mycophenolate mofetil
- Dapsone
- Rituximab



<https://bisom.org.uk/clinical-care/patient-information/>

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