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Ultimate Oral Health



bioXtra

Xerostomia – *The Facts:*

- Up to 1 in 4 adult patients suffer with Xerostomia⁴
- Xerostomia affects approximately more than 90% of advanced cancer patients^{5,15}
- Described as an orphan topic in supportive care, Xerostomia was recently found to be the 4th most distressing symptom in advanced cancer⁷

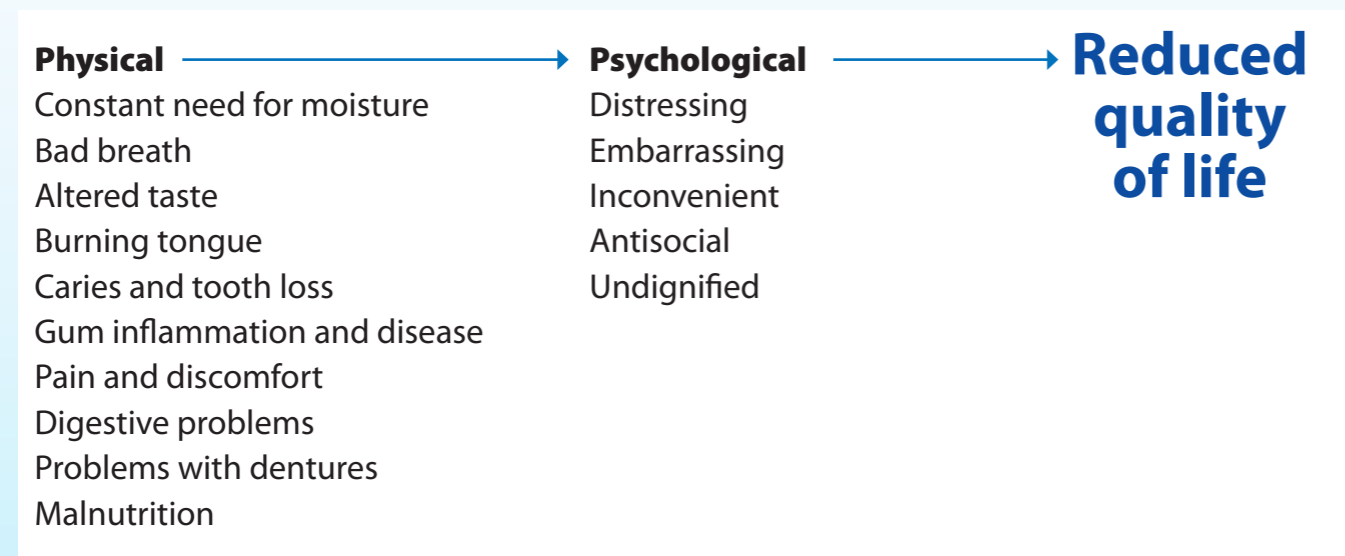
Impact of Dry Mouth on Oral Health and QoL

- Oral and pharyngeal cancer is the sixth most common malignancy reported worldwide.^{5,9}
- Xerostomia is a common oral problem in advanced cancer and following chemotherapy or head & neck radiotherapy/surgery.⁷
- 93% suffer xerostomia with little chance of recuperation¹⁵
- 77% of hospice in-patients have xerostomia¹³
- 65% suffer moderate to severe xerostomia (Grades 2 and 3)¹⁵
- Oral Candidiasis is the most frequently occurring infection in cancer patients¹¹
- Dysphagia is a common complication of oral cancer treatment.^{5, 12,14}
- Ulcerative oral Mucositis occurs in approximately 40% of patients receiving chemotherapy.^{9,12}

QOL effects:

Worry 64%. Tension 61%. Depression 44%.¹⁵

Effects of Dry Mouth^{2,3,4,8,23}



BioXtra - Special Oral Care Programme for the Treatment of Xerostomia

For Moisture and Comfort	Moisturising Gel Gel Mouthspray	Reimbursable (ACBS) Reimbursable (ACBS)
For Daily Oral Hygiene	Mild Toothpaste Alcohol-free Mouthrinse	
For Saliva Stimulation	Sugar-free Chewing Gum Sucking Tablets	



BioXtra's Other Active Ingredients

Moisturisers	rapid, long-lasting comfort
Xylitol	anti-tooth decay agent
Fluoride	anti-tooth decay, strengthens enamel
Calcium and Phosphate	remineralising agents

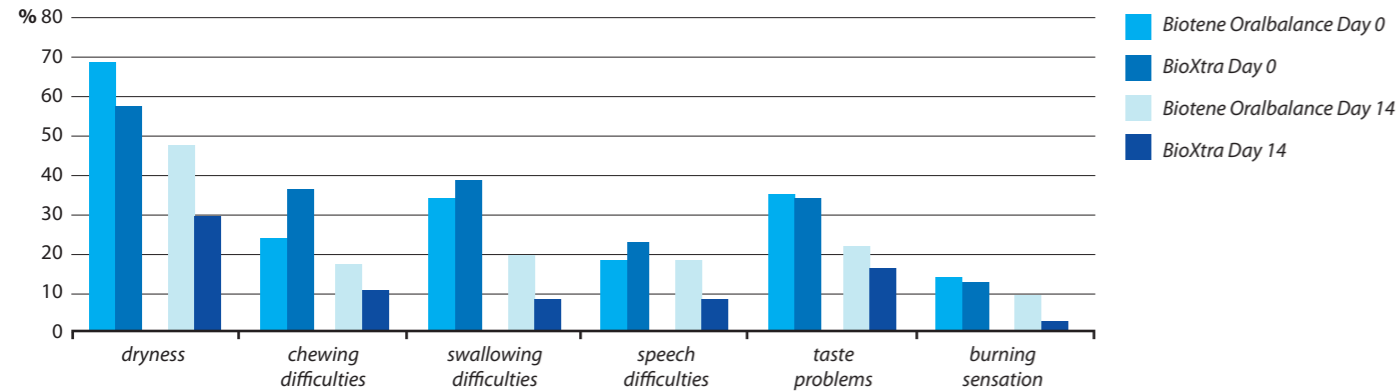
Evidence Based Therapeutic Relief

Clinically proven efficacy, compliance and preference. ^{1,16,17,18,19,21}

A double-blind crossover study of Biotene Oralbalance and bioXtra systems as salivary substitutes in patients with post-radiotherapy xerostomia.

Shahdad et al. Eur J Cancer Care 14, 319-326.2005

Double blind Crossover Study



Superiority over Biotene-Oralbalance demonstrated in six important areas:

- Improvement in:
- Dry Mouth
 - Chewing
 - Speech
 - Taste
 - Burning mouth
 - Quality of Life

Within days BioXtra significantly improves the distressing symptoms of xerostomia

Simple, Effective Mouth Comfort and Special Oral Hygiene for Your Patients

^{1,16,17,18,19,21}

BioXtra Moisturising Gel and Gelspray are approved by the ACBS as Borderline Substances and indicated for patients suffering from Xerostomia as a result of having or having undergone radiotherapy or sicca syndrome.

NHS prescribing:

BioXtra Moisturising Gel	40 ml	£3.94
BioXtra GelSpray	50 ml	£3.94

Reasons to prescribe BioXtra

- + Encourages patient compliance and improves quality of life.^{1,17}
- + Relieves oral dryness rapidly and durably.^{1,17}
- + Improves mouth function, comfort and freshness.^{1,17, 19,22}
- + Reduces inflammation and bleeding gums²¹
- + Delivers saliva-like feel and action^{16, 18,19,20, 21}
- + Regulates pH and inhibits plaque-forming (biofilm)acid^{16,19,21}
- + Helps guard against yeasts, viruses and bacteria^{16, 18}
- + Easy to use and gentle on the mouth^{1, 17}
- + Does not interact with other medications²²

For rapid, prolonged comfort ^{1,17}

Prescribe:

- **BioXtra Moisturising Gel**
According to severity of dryness, apply the gel liberally to gums or under dentures. Repeat as often as necessary. The gel is particularly recommended for night-time application. Close cap after use.
- **BioXtra Gel MouthSpray**
Spray liberally into the mouth as often as required. Repeat as often as necessary. The spray is recommended for use primarily during the day. Close cap after use.



For special oral hygiene^{16,17,19,21}

Recommend:

- **BioXtra Mild Toothpaste**
Using approximately 1g brush teeth at least twice daily, preferably after meals. Close cap after use.
- **BioXtra Alcohol-Free Mouthrinse**
Using approximately 10 ml. rinse for 30 seconds after brushing, before spitting out. No need to rinse with water. Use regularly throughout the day for improved comfort and freshness. Close cap after use.



For saliva stimulation

Recommend:

- **BioXtra Sugar-free Chewing Gum**
Chew one piece to stimulate the flow of natural saliva. Where tooth brushing is not possible, chew a piece of gum after mealtimes.
- **BioXtra Sucking Tablets**
Suck one tablet whenever desired to stimulate natural saliva. Can be used to assist oral hygiene where brushing is not possible.



Who to contact

The BioXtra range of products are available for NHS purchase through all major wholesalers or direct from

RIS Products Ltd.,
Welwyn
Herts
AL6 9EW
Tel: 01438 840135
sales@risproducts.co.uk
www.risproducts.co.uk

Patients can purchase BioXtra over-the-counter on demand from any chemist.

	Pharmacy Pip Code
BioXtra Moisturising Gel	272-7865
BioXtra Gelspray	320-8667
BioXtra Mild Toothpaste	272-7873
BioXtra Alcohol-free Mouthrinse	272-7881
BioXtra Sugar-free Gum	272-7899
BioXtra Sucking Tablets	326-3894

Prescribing information

BioXtra Dry Mouth Products

BioXtra Moisturising Gel and BioXtra Gel Mouthspray are both classified as Borderline Substances as shown in part XVV of the Drug Tariff in the Borderline Substances list 'A' under 'patients suffering from a dry mouth', and is indicated as suitable to treat dryness of the mouth resulting from radiotherapy or sicca syndrome/Xerostomia. They are also indicated in list 'B' under treatments for 'XEROSTOMIA'.

In the BNF (March 2009) there are 3 listings:

BioXtra®

12 Ear, nose, and oropharynx > 12.3 Drugs acting on the oropharynx > 12.3.5 Treatment of dry mouth > Local treatment > BioXtra®

BioXtra® • Dose • Dental prescribing on NHS

12.3.5 Treatment of dry mouth

12 Ear, nose, and oropharynx > 12.3 Drugs acting on the oropharynx > 12.3.5 Treatment of dry mouth

12.3.5 Treatment of dry mouth

List of Dental Preparations

Dental Practitioners' Formulary > List of Dental Preparations
List of Dental Preparations

BioXtra Moisturising Gel 40ml, BioXtra Gel Mouthspray 50ml, BioXtra Mouthrinse 250ml, BioXtra Mild Toothpaste 50ml and BioXtra Sugar-free Chewing Gum are listed on the EMIS system and are available for prescription in the PSNC Dispensing Resources Supplement 2008-2009.

The PPA will accept prescriptions written (for England and Wales) for all the BioXtra Dry Mouth products except the Sucking Tablets.