

REFRESHING NEWS FOR PATIENTS WITH DYSPHAGIA



New Nutilis Complete with **cooling sensation** ensures a more **refreshing mouth sensation** by introducing two new flavours:



✓ LEMON TEA

✓ MANGO PASSION FRUIT

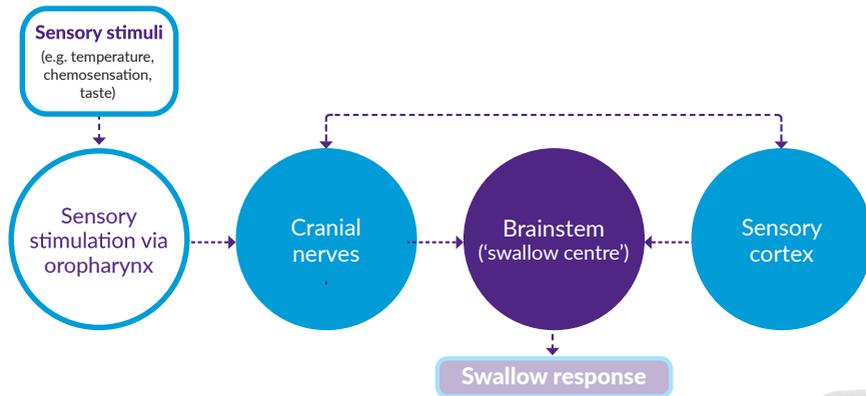
This information is intended for healthcare professionals only.

Nutilis Complete is a Food for Special Medical Purposes for the dietary management of disease related malnutrition and must be used under medical supervision.

NUTRICIA
Advanced Medical Nutrition

SENSORY STIMULATION IS KNOWN TO SUPPORT THE SWALLOWING RESPONSE

Sensory stimulation is crucial in modulating the swallow response.



Oropharyngeal sensory deficit has been linked to dysphagia¹ and is related to higher prevalence of aspiration² in people with neurological disease.

THE TASTE OF COOL: NUTILIS COMPLETE* IN TWO NEW FLAVOURS

Mango Passion Fruit and Lemon Tea: designed specifically to provide a cooling mouth sensation that aims to enhance sensory input in the oropharynx.

Ready-to-use,
and nutritionally
complete to help
reach optimal
nutritional
intake



These findings form the basis for the development of Nutricia's active sensory enhancement products for patients with dysphagia.

Has amylase
resistant
features⁴
for a safer
swallow⁵

Smaller volume
with a compact
bottle (125mL)
to improve
compliance^{6,7}

EVIDENCE SUGGESTS ACTIVE SENSORY ENHANCEMENT STRATEGIES CAN COMPENSATE FOR THE LOSS OF OROPHARYNGEAL SENSITIVITY

Following more than 20 years of research into the field of dysphagia, cold 'touch' sensory stimulation of the oropharynx has been proven to have benefits for the swallow reflex of dysphagia patients. Studies have shown:

Cold 'touch' stimulation can produce a significant increase in onset time and repetitive frequency of swallowing.¹

Water with a temperature below body temperature accelerates triggering of the swallowing reflex in post-stroke patients with recurrent episodes of pneumonia.²

Cold stimulation before swallowing stimulation significantly improved the swallowing reflex.³

Figure adapted from Alvarez-Berdugo et al, 2016¹¹. Alvarez-Berdugo D, et al. Ann NY Acad Sci, 2016;1380:104-20.

2. Loret C. Crit Rev Food Sci Nutr. 2015;55:140-5.

*Nutilis Complete Drink Level 3

1. Kaatzke-McDonald MN, et al. Dysphagia, 1996;11:198-206. 2. Watando A, et al. J Am Geriatr Soc, 2004;52:2143-4. 3. Ebihara T, et al. Br J Clin Pharmacol, 2006;62:369-71. 4. Oudhuis L, Sliwinski E. Clin Nutr Suppl, 2010;5:212. 5. Newman R, et al. Dysphagia, 2016;31:232-49. 6. Hubbard GP, et al. Clin Nutr, 2012;31:293-312. 7. Hubbard GP, et al. Proc Nutr Soc. 2010;69(OCE2):E164.

THE NUTILIS PRE-THICKENED RANGE FOR DYSPHAGIA PATIENTS

- The reassurance of the right consistency for every level¹
- Nutritionally complete, high in energy** and contains protein
- Amylase²⁻⁴ resistant features for a safer swallow
- A range of different flavours
- Ready-to-use: no preparation required
- Low volume to aid compliance⁵
- All Nutilis products have been tested to align and re-labelled with IDDSI levels

The Nutilis Pre-Thickened Range



Nutilis Complete Drink Level 3



Nutilis Complete Crème Level 3



Nutilis Fruit Level 4

Product	Flavour	Order Code	PIP Code
Nutilis Complete Drink Level 3	Vanilla	138247	408-7193
	Strawberry	138248	408-7185
	Chocolate	103671	365-7251
	*Lemon Tea	134469	408-7201
	*Mango and Passionfruit	134440	408-7219
	Nutilis Complete Creme Level 3	Vanilla	67534
Strawberry		67536	374-8498
Chocolate		75400	386-2620
Nutilis Fruit Level 4	Apple	69312	374-8480
	Strawberry	69312	374-8472

*Cooling sensation flavours

**2.45kcal/ml Nutilis Complete Drink Level 3, 2.45kcal/g Nutilis Complete Crème Level 3, 1.37kcal/g Nutilis Fruit Level 4.

1. Royal College of Speech and Language Therapists, British Dietetic Association. National descriptors for texture modification in adults, 2002. 2. Oudhuis L, Sliwinski E. Clin Nutr Suppl, 2010;5:212. 3. Oudhuis, et al. Clin Nutr Suppl, 2012;7:170. 4. Sliwinski, et al. Dysphagia, 2013;28:315. 5. Hubbard GP, et al. Clin Nutr, 2012;31:293-312.

Nutricia Advanced Medical Nutrition,
White Horse Business Park, Trowbridge, Wiltshire BA14 0XQ.

Nutricia Advanced Medical Nutrition,
Block 1, Deansgrange Business Park, Deansgrange, Co Dublin.

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