

---

# Menu 4 - Paper 6

Menu, Journal of Food and Hospitality Research  
Volume 4, 2015, Pages 31-36

---

## The impact of chemotherapy on taste preference

---

Roxane Vella 1  
Marine Fontas 2  
Ida Kongsbak 1  
Agnes Giboreau 1

1 The Center for Food and Hospitality Research, Institut Paul Bocuse, Chateau du vivier, BP 25, 69131 Ecully Cedex France

2 CERTOP, UMR5044, Pole TAS (tourisme, alimentation, sante), Universite Toulouse 2-Le Mirail, 5 allée Antonio Machado, 31058 Toulouse, France

DOI: <https://doi.org/10.26048/79xv-eq25>

**Abstract:** Chemotherapy induces various physiological, psychological and social disturbances in cancer patients. Patients under treatment were interviewed before and during treatment regarding their food preference. They were asked questions related to taste in order to identify specificities of food charges due to chemotherapy. This allowed to precise more specifically the disturbances induced by the treatment. After 3 cycles of chemotherapy, the patients seemed to have a loss of sensibility of the receptors for the salty taste, since they generally added salt to their dishes. On the contrary, the sour taste seemed to be over-pronounced or disturbed. The study needs now to be reproduced with more patients

**Keywords:** Chemotherapy - bronchial cancer - sensory disturbances - taste - pleasure of food

[Read the article](#)

.....

---

### Research & Innovation Center - Institut Lyfe

Château du Vivier - Ecully - France  
Tel: +33 (0)4 72 18 02 20

#### Contact

Raphaëlle Mouillefarine  
*Partnerships Development*  
[Send an email](#)  
+33 (0)4 26 20 97 63

#### Download PDF

- [Download Paper](#)
- [Download Volume 4](#)