

NUTRITIONAL SCREENING IN ONCOLOGY OUTPATIENTS TREATED WITH ORAL ANTINEOPLASTIC DRUGS IN A PHARMACEUTICAL CARE CONSULTATION



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BACKGROUND:

Oncology patients are susceptible to malnutrition and this is a risk factor for morbidity and mortality.

PURPOSE:

To evaluate the nutritional status in patients treated with oral chemotherapy in a tertiary hospital.

MATERIAL AND METHODS:

Preliminary study including all patients treated with oral antineoplastic drugs cited in the outpatient pharmaceutical care consultation during May 2015. Patients treated < 3 months were excluded.



Variables collected:

Age, sex, neoplasia, drug used, height, current weight, weight 3 months ago. Data were obtained from the interview and the clinical history.

We used the Malnutrition Universal Screening Tool (MUST).

RESULTS:

The interview was conducted in **30 patients**

62.37±12.19 years
50.0% male

MUST screening
2.67±0.83 points

BMI at the time of the consultation

26.23±4.30 kg/m²

BMI previous (3 months before)

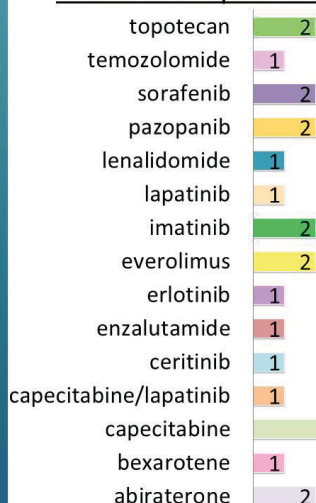
27.40±4.23 kg/m²

30.0% normal weight
40.0% overweight
26.7% obesity class I
3.3% obesity class II

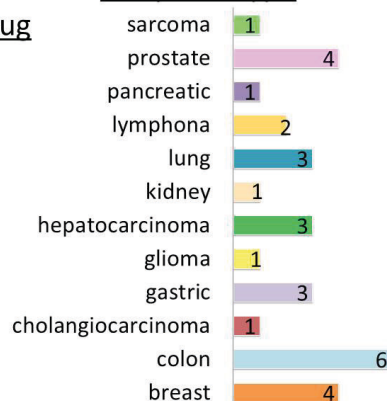
18 patients (60.0%) lost weight
(mean lost 7.7±4.1%)

<5%: 5 patients
(2 normal weight + 3 overweight)
5%-10%: 8 patients
(2 normal weight + 4 overweight + 1 obesity class I + 1 obesity class II)
>10%: 5 patients
(2 overweight + 3 obesity class I)

Oral antineoplastic drug



Neoplasia type



CONCLUSION:

Patients treated with oral chemotherapy are a group of risk of malnutrition. More than half of the patients lost weight during treatment, even in patients with normal weight.

Prospective studies should be conducted to confirm these results. It is important to know the nutritional impact using oral chemotherapy for preventing and managing malnutrition.

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