

CHEMOTHERAPY DOSE ADJUSTMENT IN RELATION TO PATIENTS' NUTRITIONAL STATUS



Hospital General de Granollers
Hospital Universitari
Fundació Privada Hospital Asil de Granollers

Pérez-Quirós MA, Planas-Giner A, Sagalés-Torra M, Aldirra-Taha MS, Rudi-Sola N.
Hospital General de Granollers, Pharmacy Department, Granollers (Barcelona), Spain.
23rd Congress of EAHP/21st – 23rd March 2018 | Gothenburg, Sweden

OBJECTIVES



We realized that, many oncohaematological patients treated with chemotherapy in our hospital, were malnourished. Thus, we conducted this study to evaluate their nutritional status, to analyze if it is correlated with the chemotherapy (CT) dose reductions and to collect the symptoms reported in the nutritional assessment.

METHODS



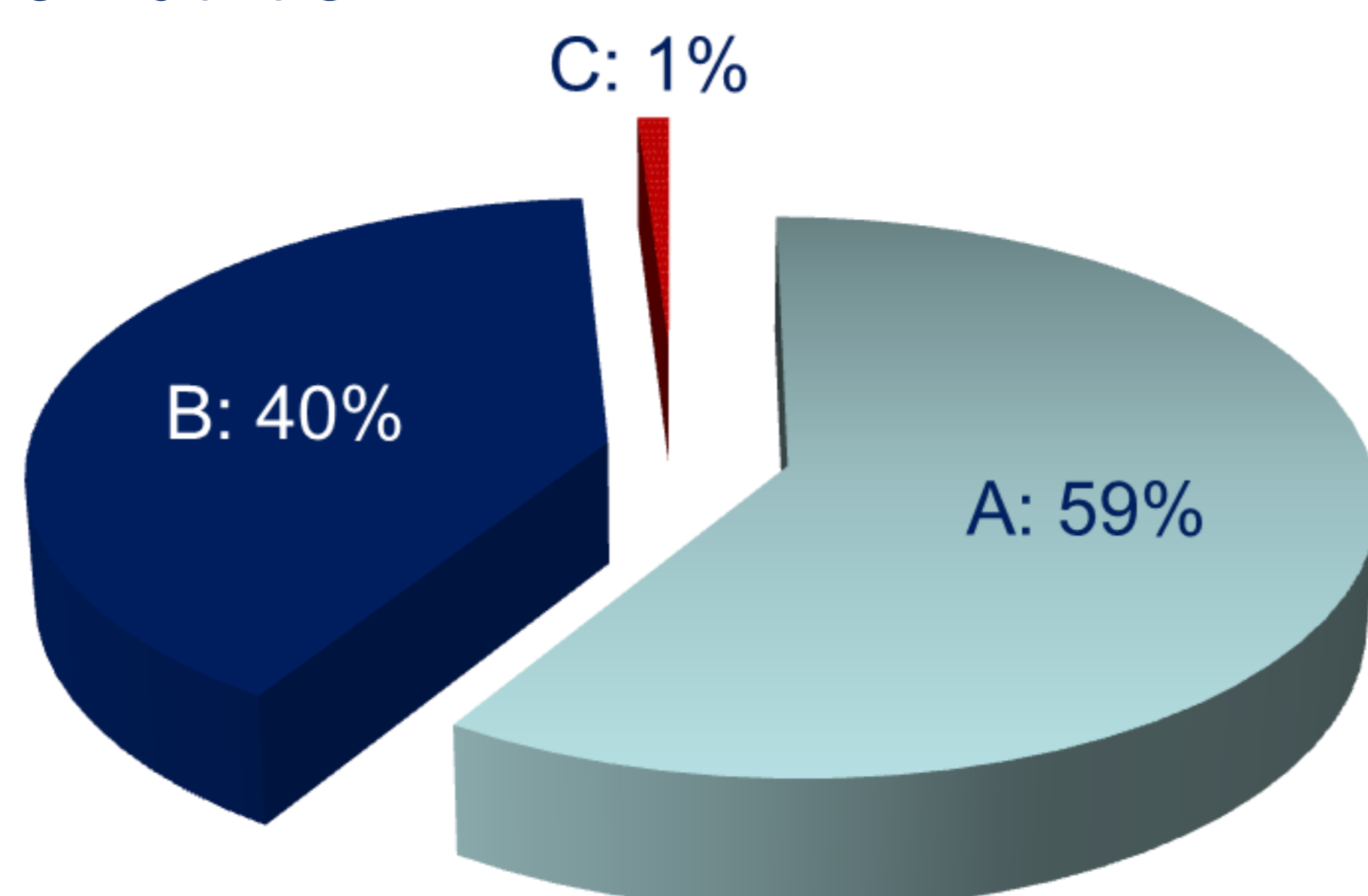
Observational and cross-sectional study carried out in a 365-bed second level hospital, which included patients under CT, diagnosed since at least three months of any neoplasia. We collected demographic, anthropometric and analytical data, diagnostics, treatments, dose reduction and symptoms of the patient. Patient Generated Subjective Global Assessment (PG-SGA) was used to evaluate the nutritional status.

RESULTS

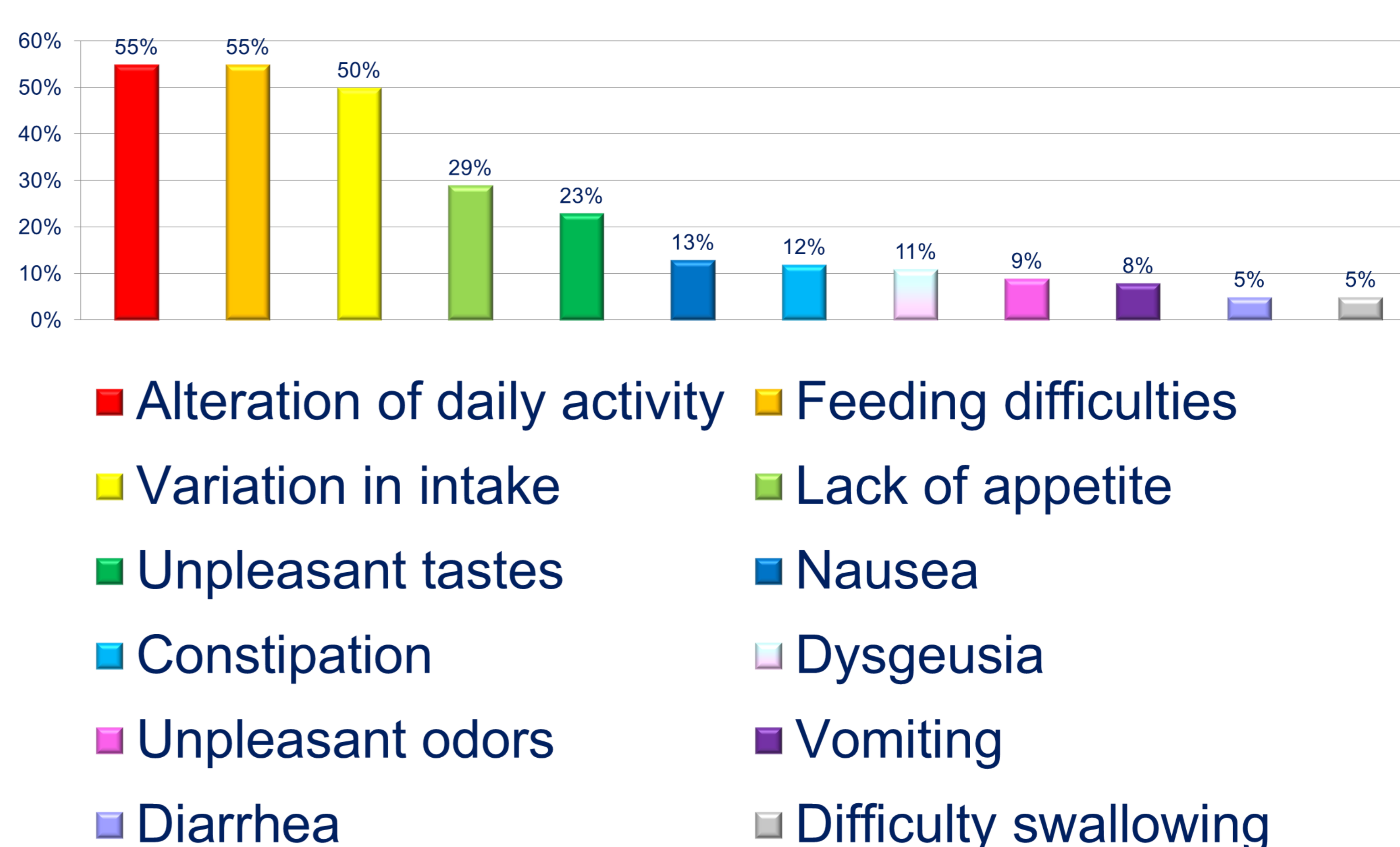
86 patients (59% women), average age 61 ± 12 years.

Nutritional status

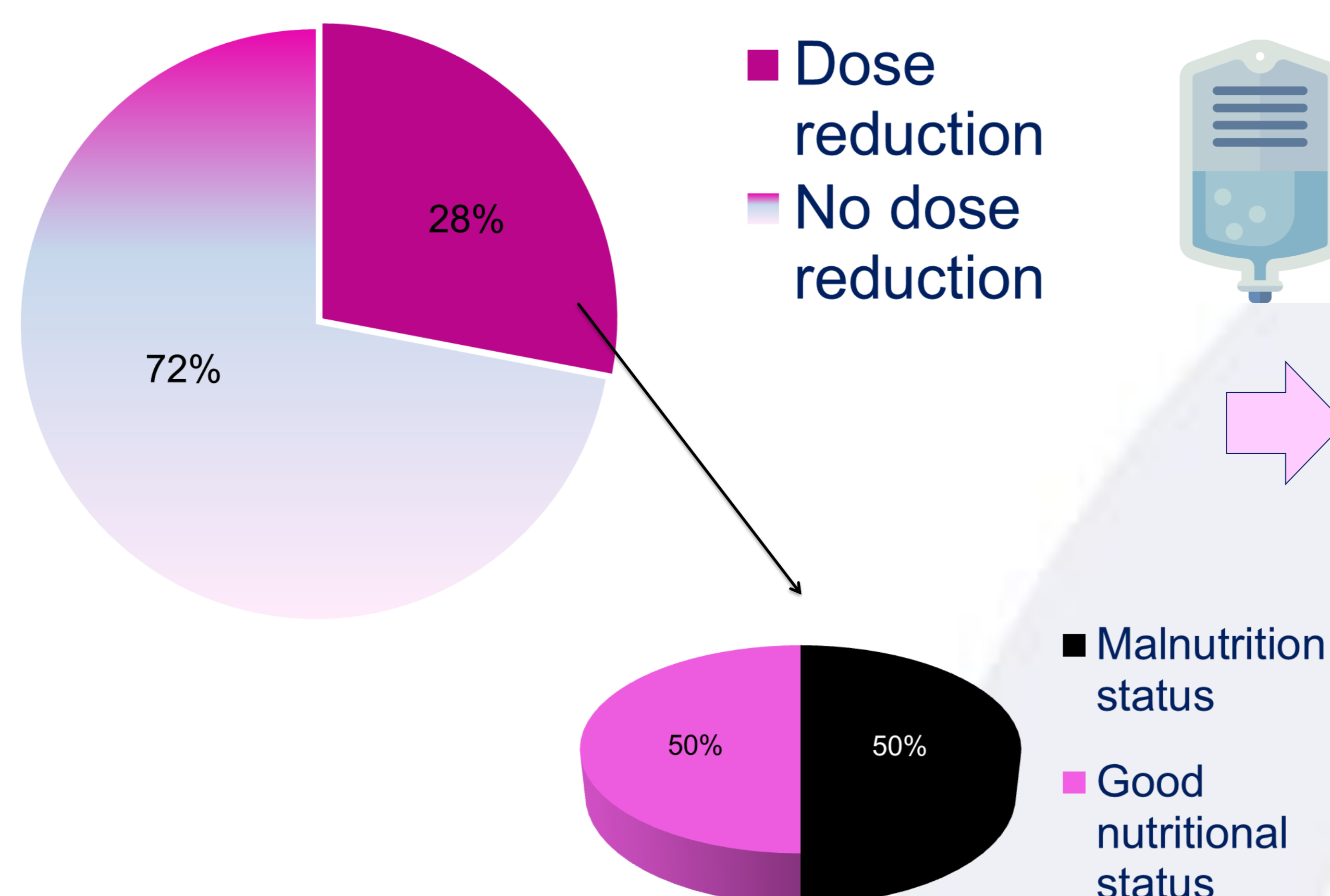
A: Good
B: Slight/moderate or at risk of malnutrition
C: Severe malnutrition



Symptoms



Chemotherapy treatment



REDUCED TREATMENTS	NUMBER OF TREATMENTS	AVERAGE % OF REDUCTION
Analogs of pyrimidine bases	12	25%
Derivatives of platinum	13	20%
Taxanes	4	21.3%
Analogs of nitrogen mustards	2	20.8%
Camptothecin derivatives	5	27.3%
Anthracyclines	2	16.7% + 1 cessation
Monoclonal antibodies	6	24.7%
Folic acid analogues	1	1.5%

CONCLUSIONS

A significant percentage of the patients presented moderate malnutrition or risk of malnutrition. Half of the patients with dose reduction were malnourished or at risk of malnutrition. We observed a high number of symptoms related to nutritional status.



CONFLICT OF INTEREST

The authors have nothing to disclose.