

ADEQUACY OF ANTIEMETIC TREATMENT DURING CHEMOTHERAPY IN A REGIONAL HOSPITAL

5PSQ-004

C. Salom¹, M.D.L.E. Galceran², J. Serrais¹, A. Retamero¹, R.M. Parés¹, X. Sánchez¹, M. Medina¹, M.À. Roch³, D. Ferràndez¹.
¹Hosp. d'Igualada, Pharmacy, Barcelona, Spain. ²Hosp. d'Igualada, Nursing, Barcelona, Spain. ³Hospital Joan XXIII, Pharmacy, Tarragona, Spain.

Background

Despite the availability of international guidelines for antiemetic treatment in chemotherapy, their implementation during daily clinical practice is not optimal.

Purpose

To assess in a regional hospital the adaptation of antiemetic pattern to the degree of chemotherapy emetogenicity, according to the MASCC / ESMO, ASCO and NCCN clinical practice guidelines.

Material and methods

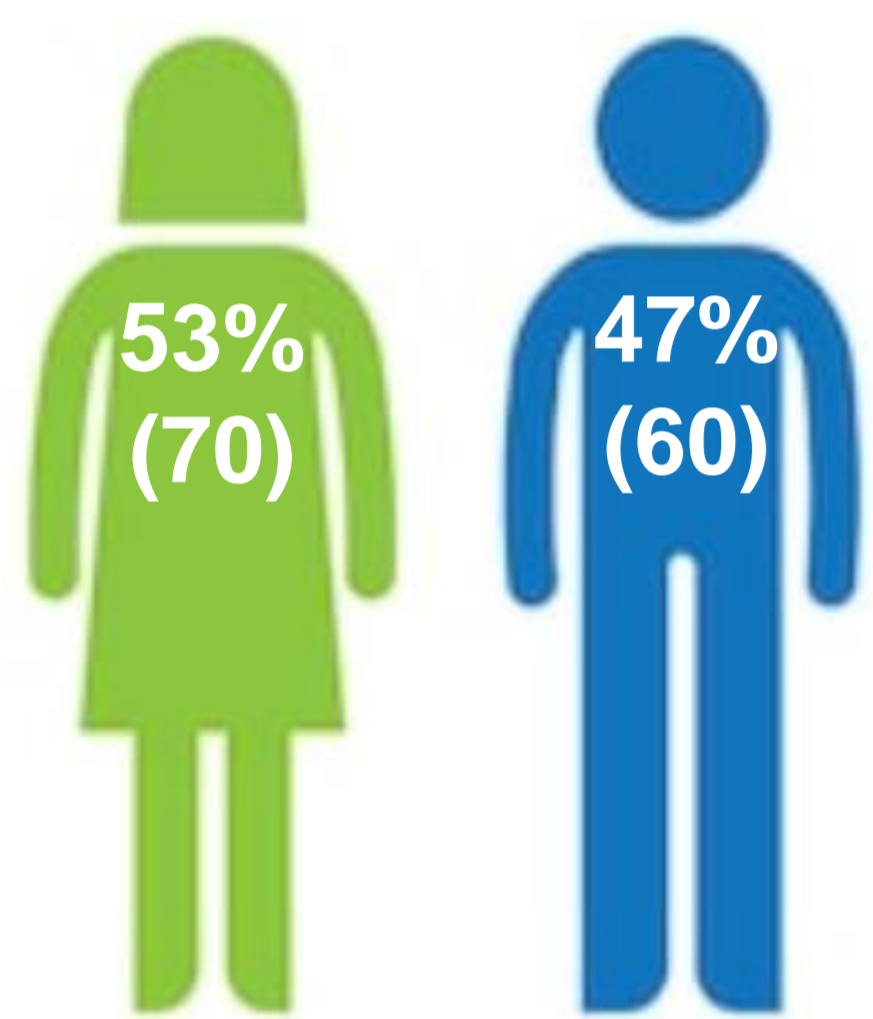
Longitudinal retrospective study for population characterization and non-intervention. Patients with intravenous chemotherapeutic treatment from April to July 2018 were included.

Demographic variables (age and sex), indication of chemotherapy, scheme, cycle, administration of 5-HT3 antagonists, NK1R antagonists, dexamethasone, and other antiemetics, and adaptation of the antiemetic treatment to guidelines were collected.

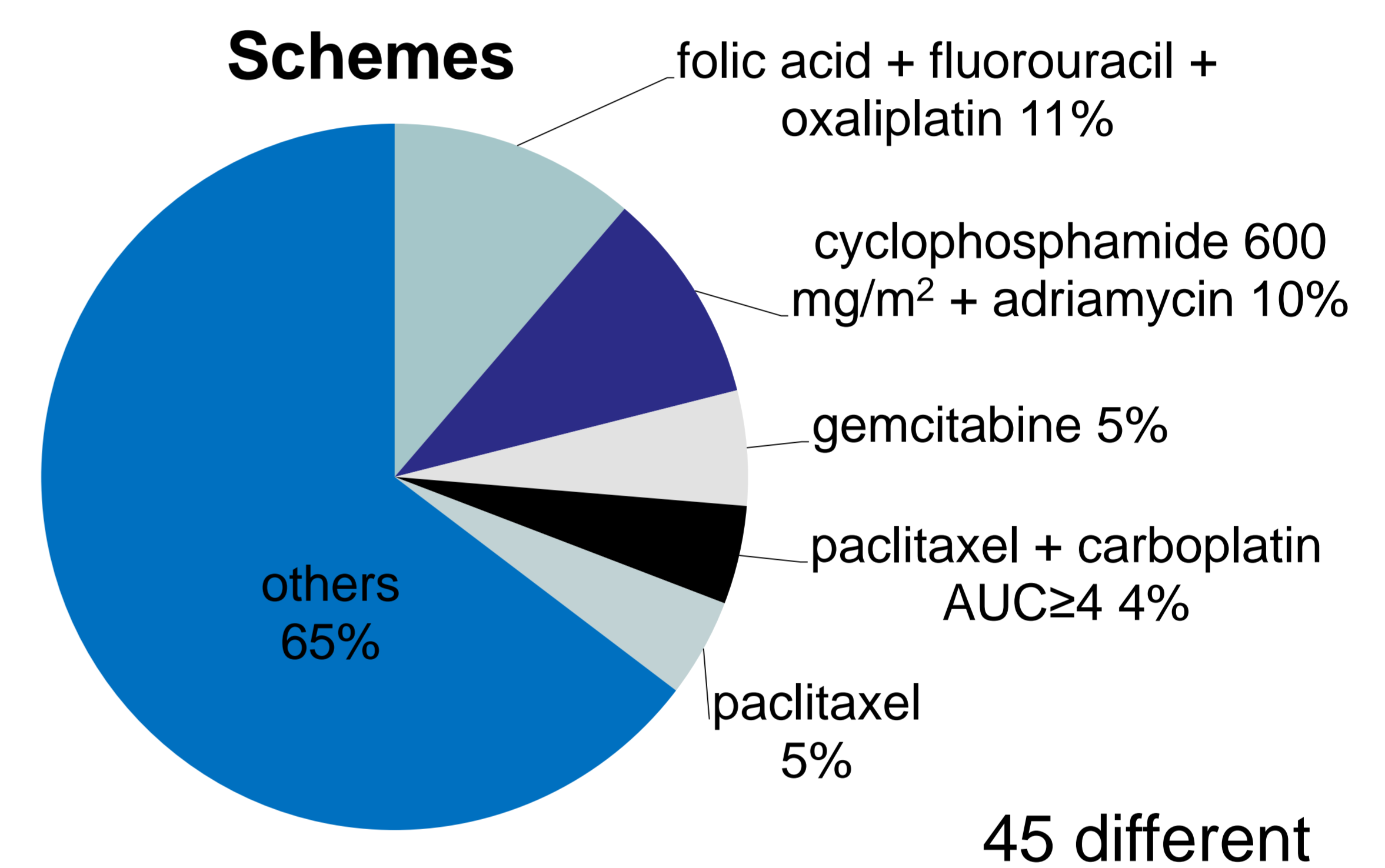
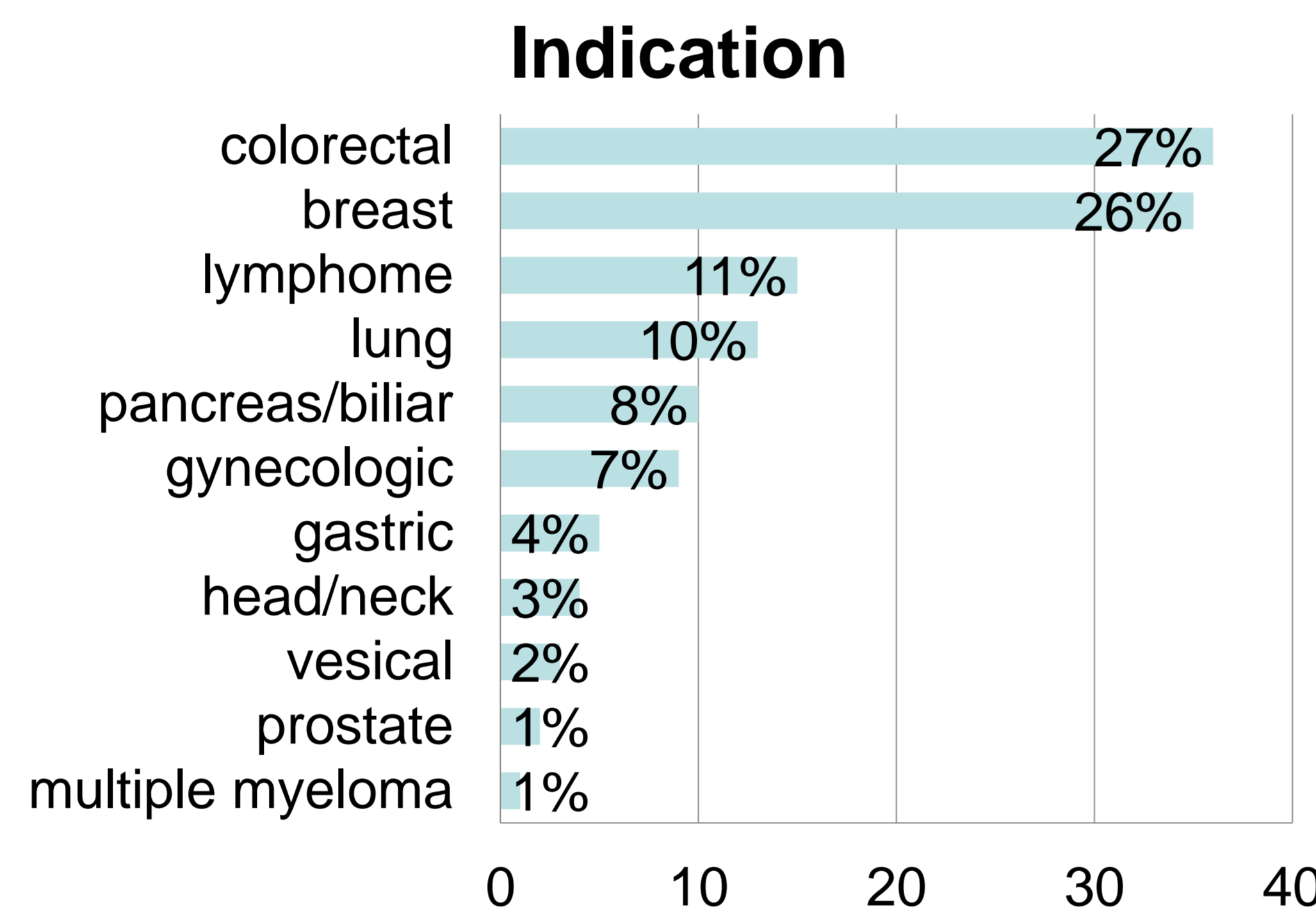
Data were expressed by means (SD) for continuous variables, and by absolute and relative frequency for categorical variables. Statistical analysis was performed with R software (version 3.4.3).

Results

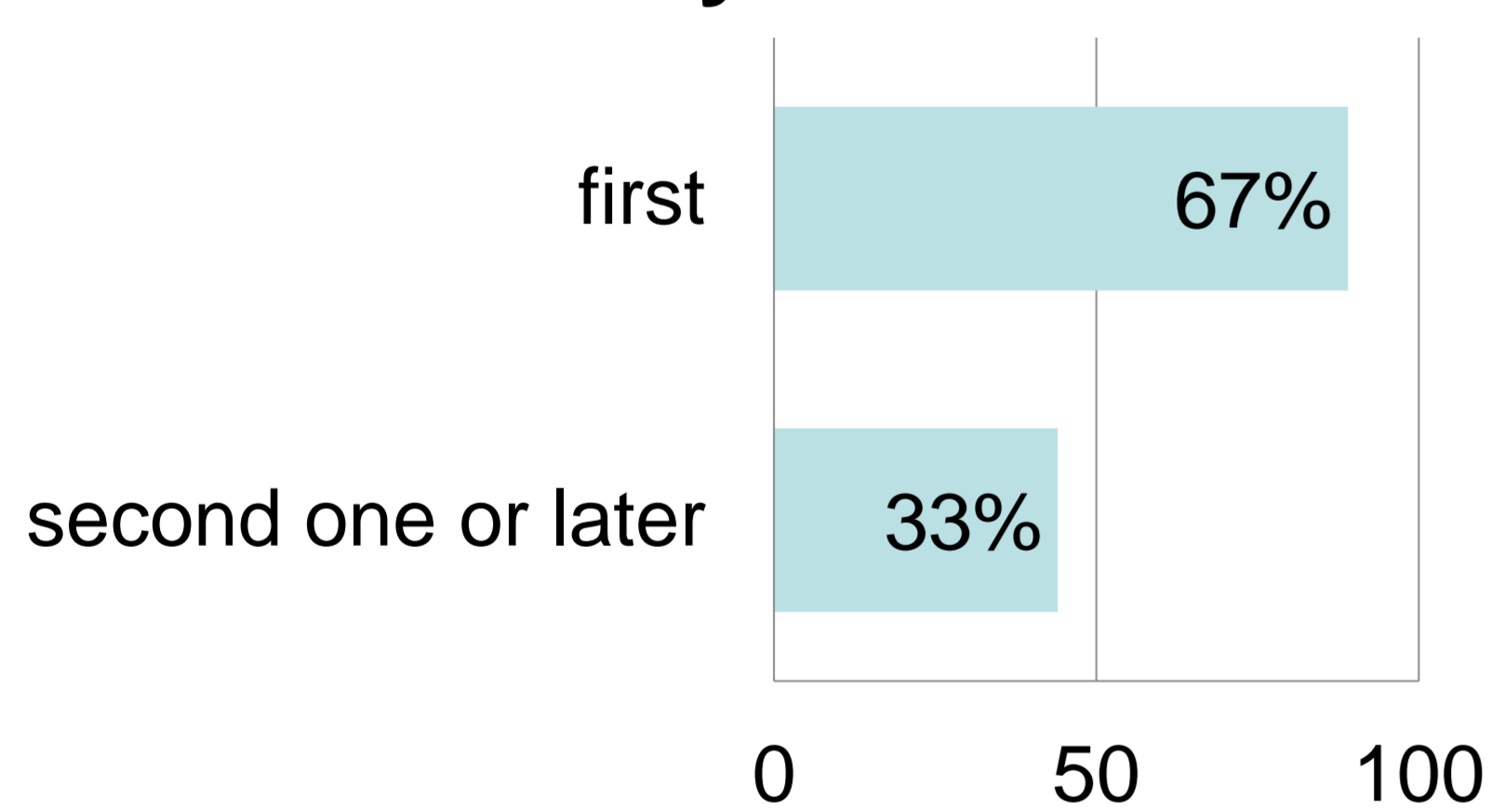
133 patients



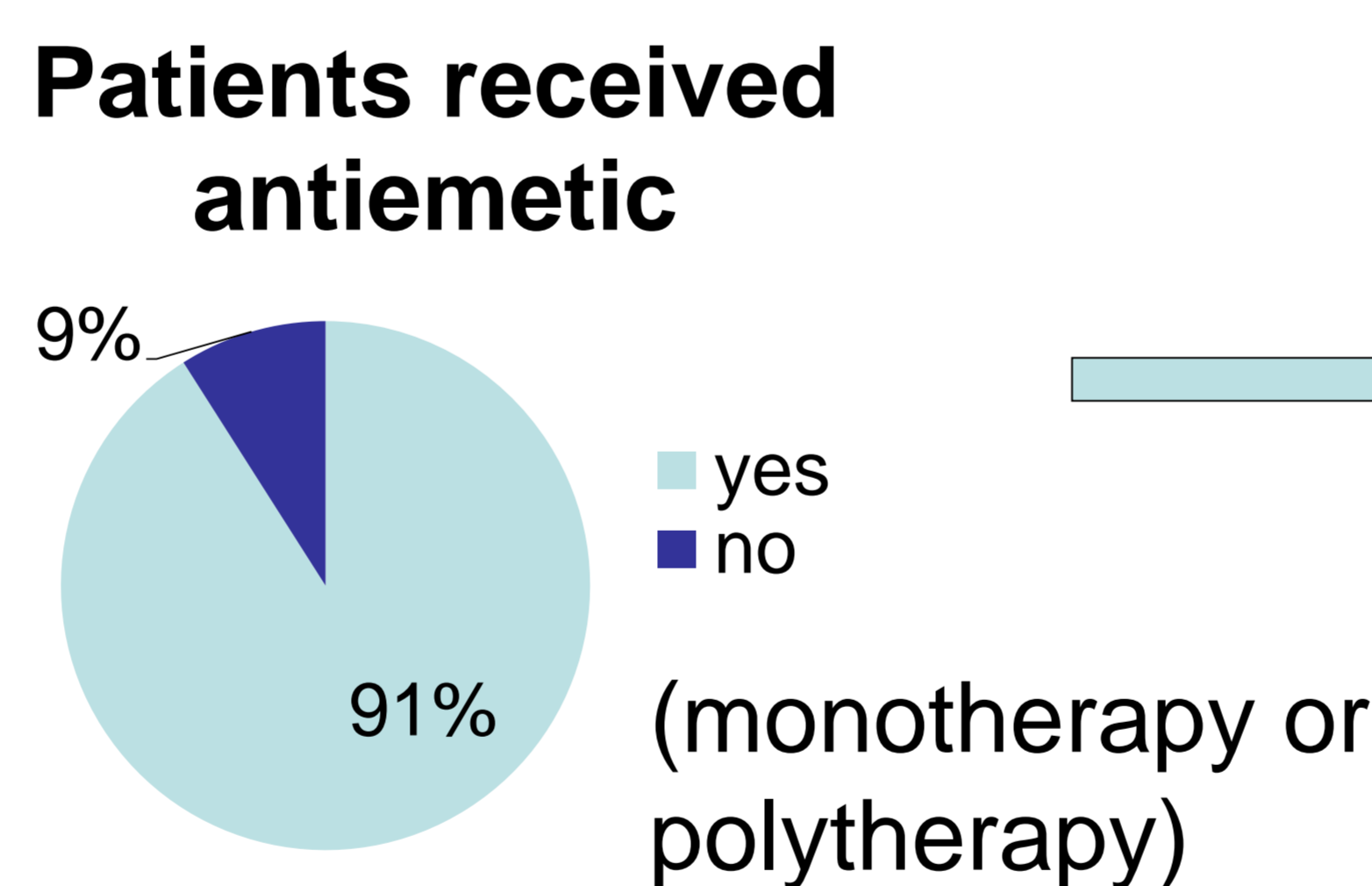
Aged 62.3 (11.1) years



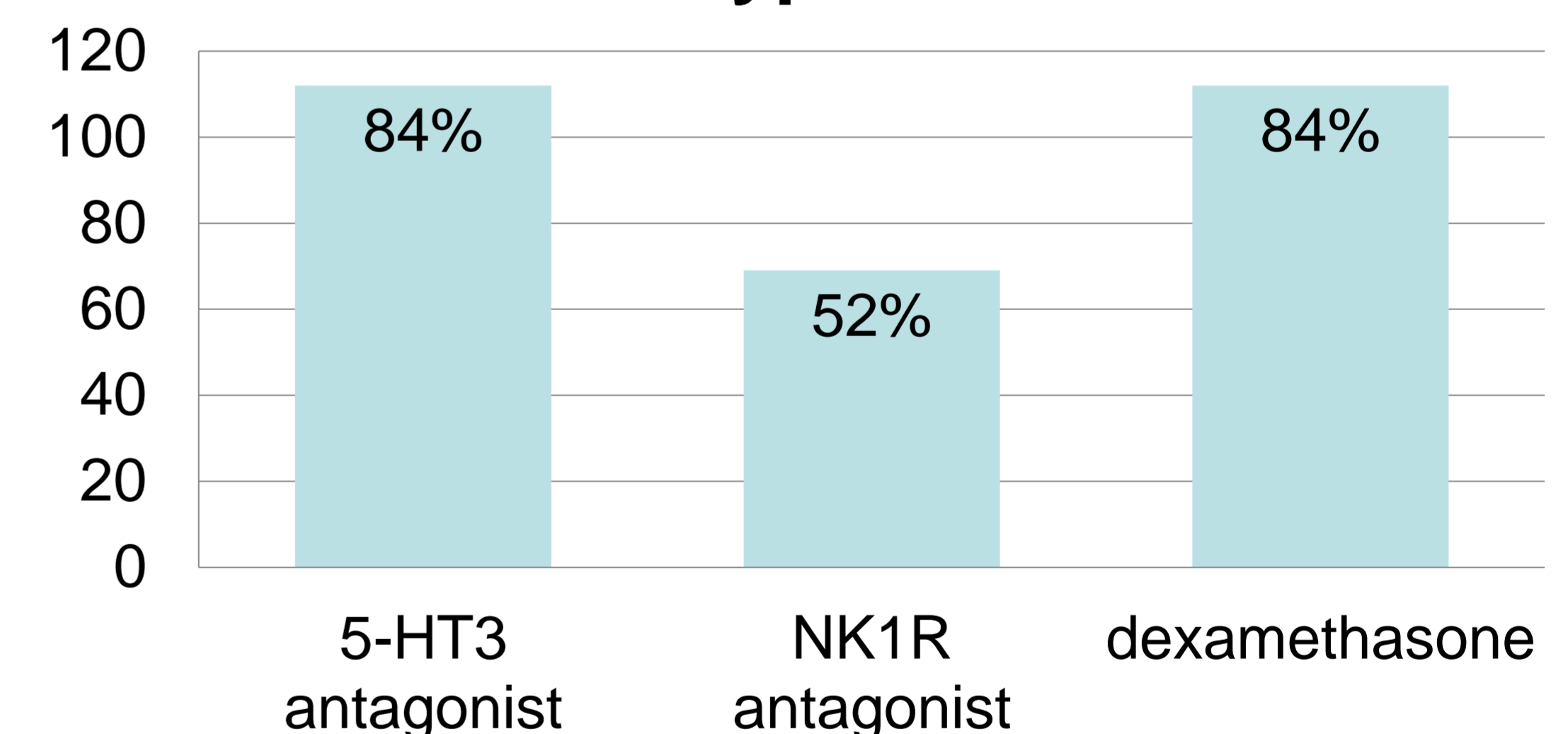
Cycle



On the day of chemotherapy

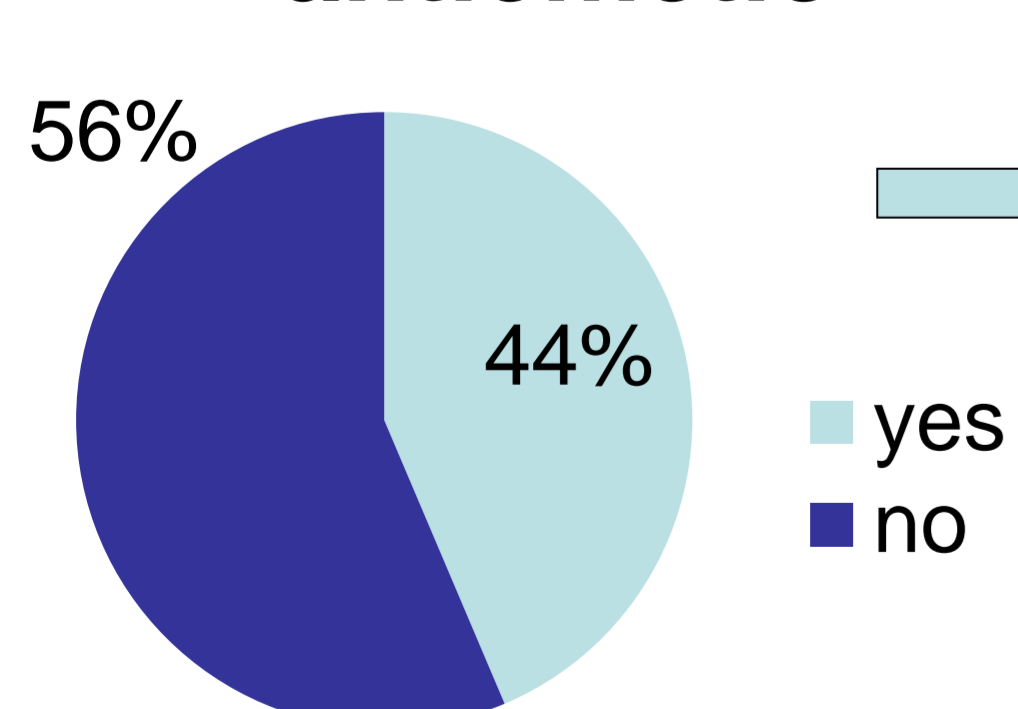


Types

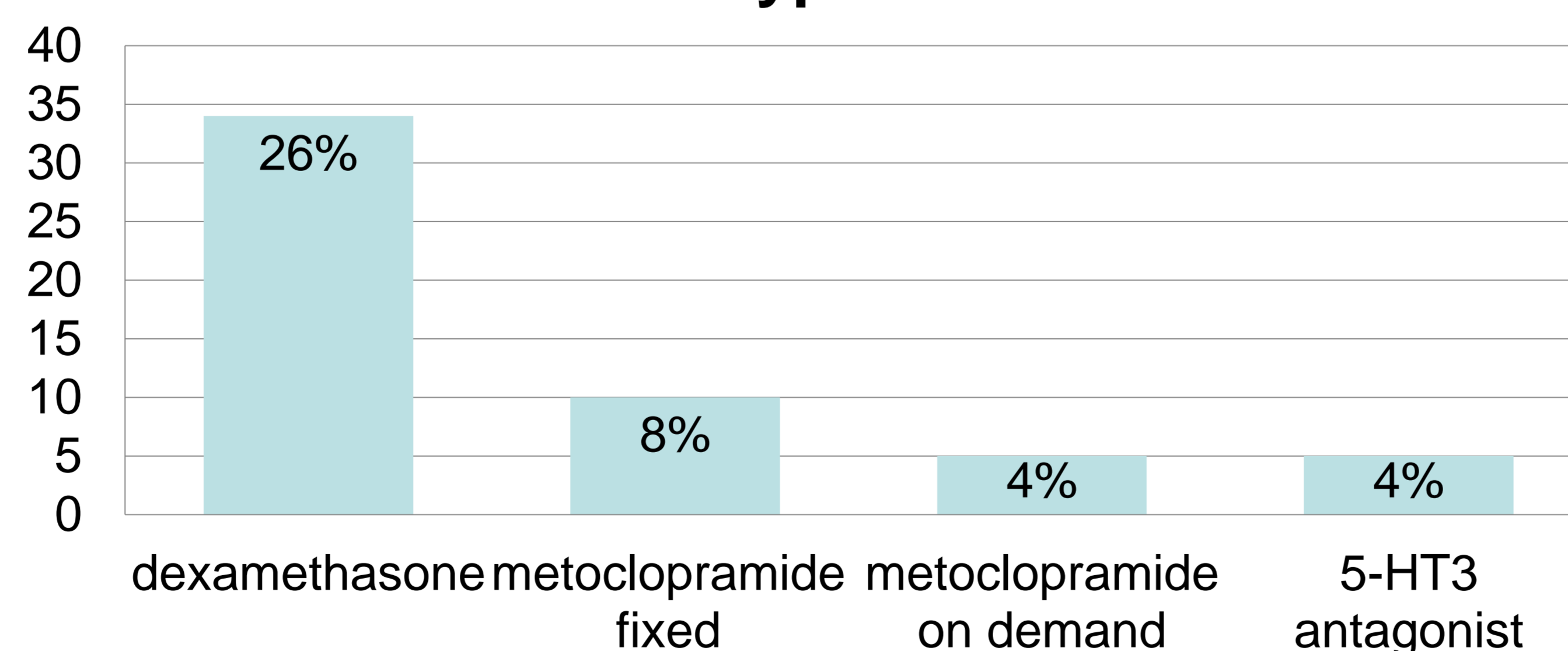


In the following days

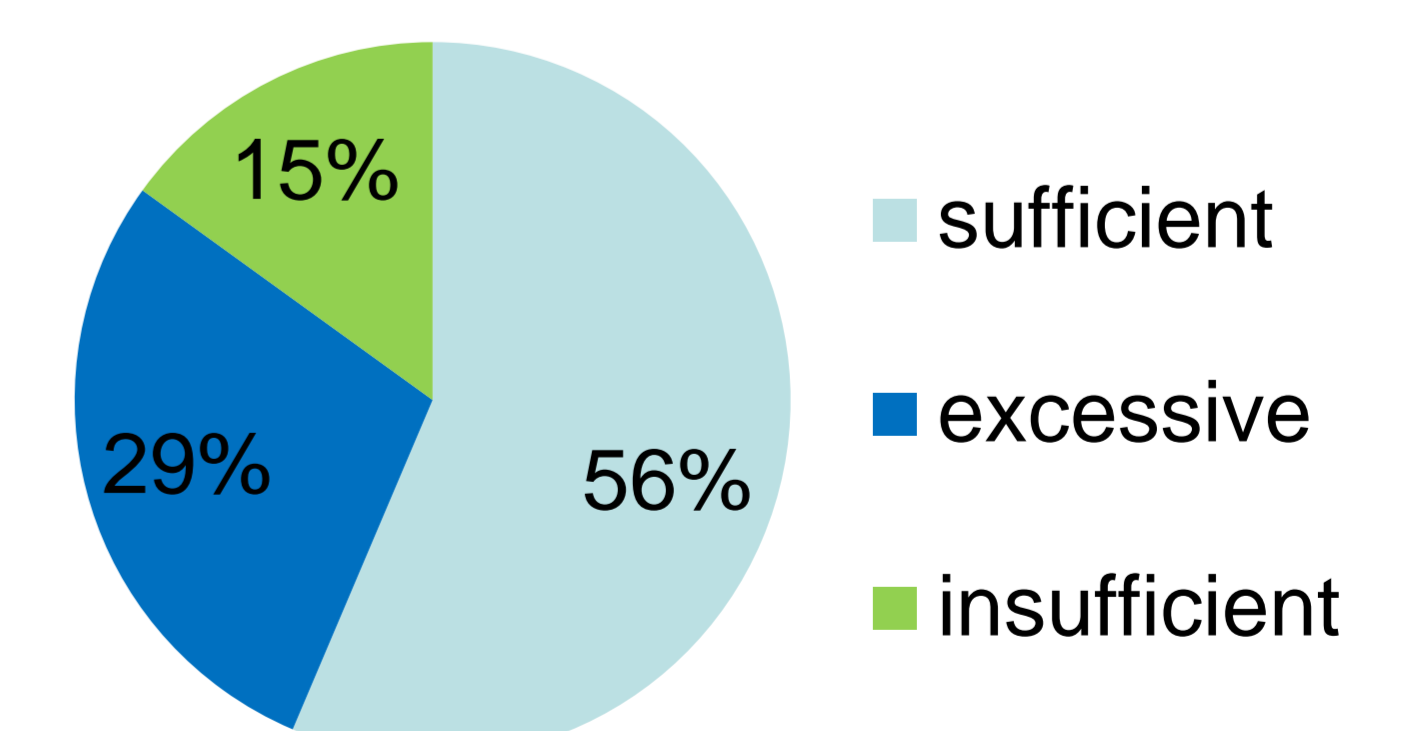
Patients received antiemetic



Types



Adequacy



The proportion of sufficient adequacy in the hospital population was estimated 0.56 [0.47 - 0.64].

Conclusions

Only slightly more than half of the patients receive an antiemetic pattern in accordance with the internationally agreed clinical guidelines, so there is ample room for improvement. Among those with a non-consistent pattern, an excessive pattern is much more frequent.