INTRODUCTION

Gastric mixed adenoneuroendocrine carcinomas (MANECs) are rare malignancies composed of an adenocarcinoma and a neuroendocrine carcinoma with a variable grade of differentiation. Diagnosis is based on the tumor architecture and immunohistochemistry markers such as chromogranin, synaptophysin, CD56 and neuron-specific enolase. The treatment is variable and dependent on multidisciplinary discussion.

OBJECTIVES

We report three cases of gastric MANECs diagnosed and treated in a central hospital in Lisbon.

DISCUSSION/CONCLUSION

Gastric MANEC are a heterogeneous group of tumors that exhibit specific immunohistochemical characteristics, which are related with better prognosis. Usually biopsy reveled the adenocarcinoma and the final diagnosis of MANEC is confirmed by surgical specimen.