started a new IV chemotherapy regimen a month before death. About lines of treatment, 45.25% (38) of the patients received first-line chemotherapy, 20.25% (17) in second line, 21.4% (18) in third line and 13.1% (11) received more than 3 lines of chemotherapy. In 48.75% (39), the percentage of the last dose of IV chemotherapy administered was ≤ 80%. All patients were admitted to the Oncology floor at some point in the last 30 days of life, with an average stay of 9.73 days.

Conclusions The percentage of patients receiving IV chemotherapy in the last 14 days of life and that of those who started with a new regimen a month before death are much higher in our hospital than in similar studies. In view of the results obtained, more than half of these patients received IV chemotherapy in the last month of life. This makes us ask ourselves what factors contributed to this decision to treat, were the benefit and toxicity correctly assessed and was it is really necessary to have active cancer treatment in the last days of life?

No conflict of interest.

OHP-081 USE OF LOW THERAPEUTIC UTILITY DRUGS IN AN INSTITUTION BEFORE THEIR USE WAS RESTRICTED IN THE SPANISH HEALTH SYSTEM

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Background Low therapeutic utility drugs (LTUDs) are those with controversial efficacy that provide little improvement for the disease or the symptoms.

These drugs have recently been removed from the system financing Spanish healthcare, with the aim of controlling healthcare expenditure.

Purpose To assess the use of these drugs in institutionalised older people and find out how the new law may be affecting it.

Materials and Methods This was a retrospective transversal study. We choose one day at random and checked all treatments prescribed that day.

The following data were collected: drugs, sex, age and LTUDs.

The data were obtained from the SAVAC programme and processed in Excel.

Results A total of 175 residents were included, mean age 89 years old.

LTUDs were administered to 65 people (37%).

There were 1812 different drugs, of which 88 (4.9%) were LTUDs, measured as number of dosage units.

Drug consumption in primary care (PC) is measured by number of packs, not as number of dosage units. During the study, PC consumption of LTUD accounted for 6.86% of the total.

The LTUDs prescribed were: 26 items (30.3%) acetylcysteine, 18 (21.5%) topical diclofenac, 12(14.4%) citicoline, 10 (12.0%) trimetazidine, 9 (10.8%) pentoxifylline, 4 (4.9%) piracetam, 2 (2.5%) ambroxol, 1 (1.2%) acetaminophen plus codeine, 1(1.2%) escine and 1(1.2%) inhaled mesna.

Conclusions Institutionalized older people use fewer LTUDs than patients from PC.

Mucolytic agents and topical NSAIDs are on top of the list, accounting for 50% of the LTUDs used.

Nearly 40% of institutionalised people will have to pay for these 5% of their drugs, or these medicines will have to be removed from their treatments.

Better designed studies should be done to clarify the real efficacy and efficiency of this large group of drugs.

No conflict of interest.

OHP-082 USE OF STANDARD PROTOCOLS FOR TOTAL PARENTERAL NUTRITION IN A TERTIARY UNIVERSITY HOSPITAL

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Background One of the clinical pharmacist's main functions in parenteral nutrition is to ensure the quality and safety of the solutions prepared. It is too laborious to do this with each preparation. So in our hospital it was decided to design 21 standard Total Parenteral Nutrition (TPN) protocols.

Purpose To analyse the prescriptions for TPN and their compliance with the standard protocols available.

Materials and Methods A retrospective study was conducted over a period of one year (October 2011–October 2012). The composition of all TPN administered to adults was recorded, as well as the addition of various drugs such as insulin or somatostatin. Data were obtained from the pharmacy service's nutritional database.

Results 629 adult patients were treated with TPN and received 8342 bags of TPN; 3129 (37.5%) fitted the standard protocols. The changes in the composition of TPN in non-standard TPN bags were: glucose added to 117 (2.3%) bags, lipids in quality 2276 (44.4%) and in quantity 374 (7.5%), nitrogen to 223 (4.3%); electrolytes: sodium to 238 (4.6%), calcium to 7 (0.1%), magnesium to 181 (3.5%), potassium to 3054 (59.6%) and phosphorus to 245 (4.8%); volume to 117 (2.3%), somatostatin to 545 (10.6%) and insulin to 862 (16.8%).

Composition of protocols ranged from: nitrogen: 6 to 20 g, increasing the amount of nitrogen from 2 by 2 g, glucose: 150–200–250–300 g, lipids 0–50–75–100 g, kcal non-protein/g nitrogen from 87.5 to 187.5 and volume 1350–2000–3000 mL. All protocols contained the same amount of electrolytes (sodium: 75 mEq, potassium: 60 mEq, calcium: 15 mEq, magnesium: 15 mEq, chloride: 90 mEq, acetate: 75 mEq and phosphorus: 10–20 mMol), vitamins and trace elements.

Conclusions 61% of administered TPN needed to be modified with respect to standard protocols in order to meet the nutritional requirements of individual patients. So we are considering revising the protocols regarding the quality of lipids and amount of potassium.

No conflict of interest.

OHP-083 USTEKINUMAB FOR THE TREATMENT OF PSORIASIS IN A TERTIARY HOSPITAL

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Background Ustekinumab is a fully human IgG1κ monoclonal antibody against interleukin 12 and 23 indicated for the treatment of moderate to severe plaque psoriasis in adults who have failed to respond to previous treatment. The recommended posology is an initial dose of 45 mg (90 mg with a body weight >100 Kg) subcutaneously, followed by the same dose 4 weeks later, and then every 12 weeks thereafter.

Purpose To analyse the use of ustekinumab in our hospital since its launch.

Materials and Methods Retrospective longitudinal study of all the patients with psoriasis treated with ustekinumab since its launch in January 2009 in a tertiary hospital. Data was obtained from the records of outpatients who get their medicines from the hospital pharmacy, and before February 2010, we used records of