ORAL KETAMINE IN UNMANAGEABLE CHRONIC PAIN: A CASE REPORT
Basurto University Hospital (OSI BILBAO-BASURTO), Pharmacy (Bilbao, Spain)

BACKGROUND
The neuropathic pain management which is refractory to opioids treatments demands the development of new analgesic or new ways of using our classic medicines. Ketamine is scarcely used as an anesthetic, but with an increase in indication as an analgesic. The oral route is the most used for the treatment of chronic pain. However, no oral formulation of this medicine is commercialized in our country.

OBJECTIVES
The aim was to use and formulate a ketamine solution in order to reduce opioid doses in a patient with unmanageable neuropathic pain.

MATERIALS AND METHODS
Diagnosed of
• A mixed anxiety-depressive disorder, with a history of two admissions due to autolytic ideation
• Central sleep apnea probably induced by psychodrugs, and constipation due to opioids.

43-year-old man experienced unapproachable neuropathic pain due to a nerve injury in the left arm.

RESULTS

<table>
<thead>
<tr>
<th>DATE</th>
<th>TREATMENT</th>
<th>RESULTS</th>
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</thead>
<tbody>
<tr>
<td>September 2016</td>
<td>Intravenous ketamine 0.2 mg/kg, three sessions at alternate months</td>
<td>50% pain relief on the Clinical Global Impression scale (CGI)</td>
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<td>March 2017</td>
<td>Pain reaped Sessions were repited monthly</td>
<td>Good response and in that time the dose of transdermal fentanyl tried to be reduced</td>
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<tr>
<td>June 2017</td>
<td>Oral ketamine solution 10 mg/ml was formulated at the pharmacy, dosed at 50-70 mg/8 hours</td>
<td>Scored 9 his quality life on the CGI scale, pain well controlled</td>
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<tr>
<td>August 2017-Currently</td>
<td>Descending pattern of opioids to stop</td>
<td>The patient continues with oral ketamine and fentanyl on demand</td>
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CONCLUSION
The hospital pharmacy service has contributed to reduce the opioids dose of this patient achieving the therapeutic objectives and finally obtaining the control of the neuropathic pain.

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Contact: idoia.martinezaguirre@osakidetza.eus