

# IASGO World Congress

2017



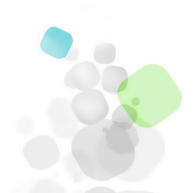
Lyon, France - November 15th - 17th

http://iasgo2017.hbpsurg.eu



Book of abstracts

Posters sessions



# **Thursday 16th November**

## Presentations time

P001 to P032: 10:30am - 11am

P033 to P066: 12am - 12:30am

P067 to P099: 3:30pm to 4pm

# **Friday 17th November**

## Presentations time

P100 to P131: 10:30am - 11am

P132 to P165: 12am - 12:30am

P166 to P200: 3:30pm to 4pm

# Healing of large chronic gastric ulcers that have a poor regeneration in case of local injection of platelet-rich plasma

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## Objectives:

The aim of study was to estimate efficiency of local injection of platelet-rich plasma in patients with large chronic gastric ulcers that have a poor regeneration.

#### Methods:

The 19 patients with large chronic gastric ulcers that have a poor regeneration were included into study. In this cohort of patients there were 9 (47.4%) women and 10 (52.6%) men. An average age of patients was 46.6±10.5 years.

Inclusion criteria were age older than 18 years; diagnosis of large chronic gastric ulcers that have a poor regeneration (absence of positive changes after 12 weeks of anti–ulcer therapy), which was confirmed by endoscopy and histological review; absence of signs of malignancy; size of ulcer – 2–3 sm; absence of clinically significant concomitant diseases.

The 9 patients were included into main group (standard anti–ulcer therapy and endoscopic injection of platelet–rich plasma). The group of comparison consisted of 10 patients (standard anti–ulcer therapy only). On 1<sup>st</sup>, 7<sup>th</sup> and 14<sup>th</sup> day endoscopy with biopsy and measurement of the ulcers square was performed.

### Results:

The data we have received demonstrate a tendency of decrease of ulcers' square in main group as well as in group of comparison (p<0.01) with time flow.

We also compared sizes of ulcerative defects in both groups at every point of the study. On the 1<sup>st</sup> day of investigation there were no differences (p>0.05) between ulcers' square in both groups. On the 7<sup>th</sup> day we found out more rapid decrease of size in main group (p>0.05). However, this tendency had no statistical significance. On the 14<sup>th</sup> day difference was larger and it was statistically significant this time (p<0.01).

## Conclusions:

Unitary local endoscopic injection of platelet–rich plasma on the background of anti–ulcer therapy permits to accelerate a process of the ulcerative defects epithelization significantly (p<0.01) during 14 days.