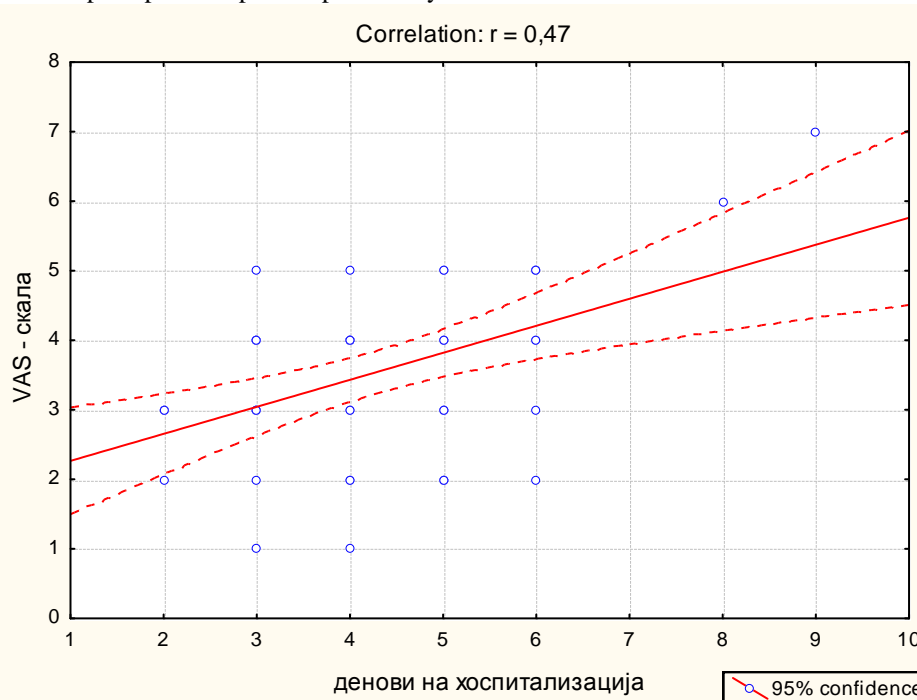


There is a medium strong positive correlation between the VAS scale. days of hospitalization and postoperative pain in patients by



Graph 4: Correlation between the days of hospitalization and severity of postoperative pain

5. Discussion

This paper analyzes the results obtained when comparing the two groups of patients in making a hernia repair is implanted difference types of meshes. Included are a total of 50 subjects with inguinal hernia, which at surgery in 25 (N1) patients are embedded Light - meshes, and 25 (N2) Surgipro meshes. In terms of gender, 49 subjects were male. According to literature, the inguinal hernia pathology is very common in men. ^(9, 10) N1 patients were an average age of $52 \pm 18,16$ years and N2 patients were an average age of $56 \pm 16,22$ years. In terms of age, there is no statistically significant difference between patients of both groups. Nadim Khan associates refer to the average age of the operated patients were operated from inguinal hernia and analyzed in their labor is $38,2 \pm 13,34$ years. ⁽¹¹⁾ This clue indicates that patients in our country for many years live with inguinal hernia, and decide on an operation when the hernia will start to seriously affect the quality of daily life at older ages.

Patients operated inguinal hernia by the Lichtenstein method that is used in Light - mesh were hospitalized an average $3,40 \pm 0,91$ day, and patients who used Surgipro mesh were hospitalized an average of $5,16 \pm 1,37$ days. The difference in days of hospitalization, resulting in post-operative pain of patients, patient's age and bio-characteristics of the placed mesh. ^(6, 7, 8)

According to VAS - scale of 1 to 10, a difference in terms of postoperative pain between our respondents from both examined groups was noted and it is significant to mention - the pain is significantly stronger in patients who built Surgipro mesh. In the consulted literature on this subject is obtained similar results, whereby age is emphasized as an

important factor that influences the intensity of pain VAS - scale and duration of hospitalization. ^(12, 13, 14)

Patients whose results were analyzed and elaborated in this paper, the presence of postoperative infection was observed in a small number of patients in both groups. Easy elevated rates of incidence of infection in patients, who used Surgipro meshes, are probably due to the quality of the tissue, that is, a relation between ages of the operated patients and biomechanical characteristics of the various meshes themselves. ^(15, 16)

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