P-212: COLLAGEN INJECTIONS GUNA MDs IN PATIENTS WITH ACUTE PERIARTHRITIS OF THE SHOULDER - CLINICAL AND SONOGRAPHIC ASSESSMENT

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ABSTRACT
AIM: The aim of this study is to evaluate the efficacy of Collagen Injections GUNA MDs regarding pain and functioning of the shoulder with acute periartthritis and subacromial subdeltoid bursitis (SASDB). High frequency ultrasonography (HUS) is an approved imaging technique for diagnosis of Rotator cuff pathology of the shoulder and monitoring of therapy. METHODS: We studied 20 patients with painful shoulder and sonographic proved SASDB. Patients with previous trauma or chronic inflammatory arthritis were excluded. No patient had received previous physiotherapy or local steroid injection in the shoulder.

RESULTS
Pain is significantly reduced and the effect on pain remains after the treatment. 1. VAS Pain during the day: on the second visit (day 60-th) the pain during the day reduced 3 fold and continued to reduce till the third visit (day 150-th) more than 5 times compared to the first visit (Fig. 1). VAS Nocturnal Pain: the result was similar with reduction of the nocturnal pain on the second visit (about 3 times) and result has kept on the third visit (Fig. 2).

METHODS
We studied 20 patients with painful shoulder and sonographic proved SASDB. Patients with previous trauma or chronic inflammatory arthritis were excluded. No patient had received previous physiotherapy or local steroid injection in the shoulder.

PATIENT ASSESSMENT

PHYSICIAN ASSESSMENT

Bursitis - USG Assessment

In the pictures below you can see some sonographic images showing SASDB before and after treatment with GUNA MDs.

Ultrasonographic pictures: Similar results as the previous pictures.

CONCLUSIONS
1. Collagen injections GUNA MDs significantly affect pain, SASDB edema and functional activity of the shoulder.
2. Efficacy assessment of GUNA MDs is high: over 80% according to patient and physician in the second and on the third visit.
3. Patient Assessment: Minimum 80% of the patients gave a very good and good assessment of efficacy which coincides with the opinion of the physician. Doctor’s Assessment: At least 80% of the patients were given very good and good evaluation of GUNA MDs treatment efficacy by the doctor on the second and on the third visit.

Patient Assessment:

Physician Assessment:

VAS – PAIN DURING THE DAY

VAS – NOCTURNAL PAIN

Table 1 Including and excluding criteria

Table 2 Likert Scale

Table 3 Assessment of shoulder functional status (SFA)

Reference: