

APPLICATION AND ASSESSMENT OF EFFICACY OF COLLAGEN INJECTIONS GUNA MDs IN GONARTHROSIS.

Boshnakov D.

-Clinical Assessment presented at the XIX Days of Bulgarian Orthopedics and Traumatology, Tryavna, (September 2012).

Experimental sites: Saint Anne University Hospital, Varna (Bulgaria).

Pathologies considered: gonarthrosis.

Outcomes:

- 1)assessment of pain at rest and during movement (VAS = 0-10);
- 2)assessment of Lequesne Algofunctional Index for: a.pain when walking; b.maximum walking distance (in meters); c.daily activities;
- 3)assessment of efficacy of treatment from the patient's viewpoint.

Inclusion/exclusion criteria: unstated.

Patients enrolled: 14 (8 M; 6 F; aged 51-72).

Treatment: MD-Knee, 1 ampoule + MD-Muscle, 1 ampoule: 2 intra-articular and peri-articular injections/week for 2 consecutive weeks + 1 intra-

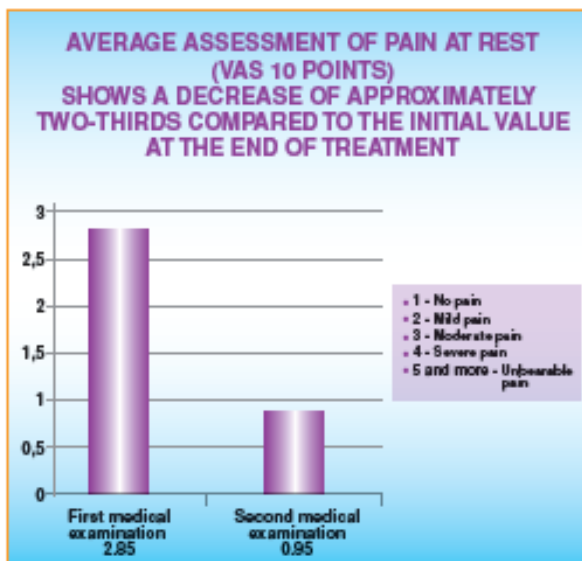
articular and peri-articular injection/ week for the following 6 weeks (total: 10 treatments in 2 months).

Results:

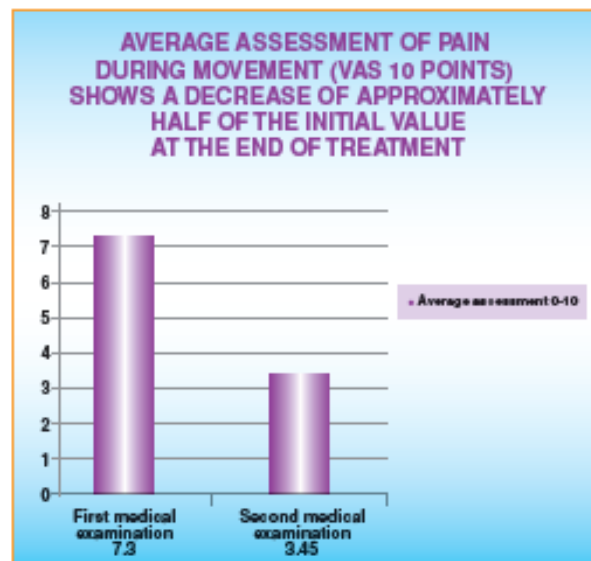
- 1) Pain at rest: VAS from 2.85 at treatment start (moderate pain) to 0.95 at the end of treatment (no pain) (TAB. 9).
- 2) Pain when moving: VAS from 7.3 at treatment start (unbearable pain) to 3.5 at the end of treatment (moderate/severe pain) (TAB. 10).
- 3) Lequesne Algofunctional Index: from 1.6 at treatment start to 1.1 at the end of treatment (TAB. 11); maximum walking distance from 100-300 meters before treatment (5.2 score) to 400-700 meters after treatment (3.6 score) (TAB. 12).

– Author's conclusions:

- 1)Intra-articular injections of Collagen MDs improve: a) localized pain; b) pain at movement; c) joint mobility.
- 2)Intra- and peri-articular injections improve the patients' functional activity and quality of life.
- 3)The injections of Collagen MDs are a new and effective method to treat gonarthrosis

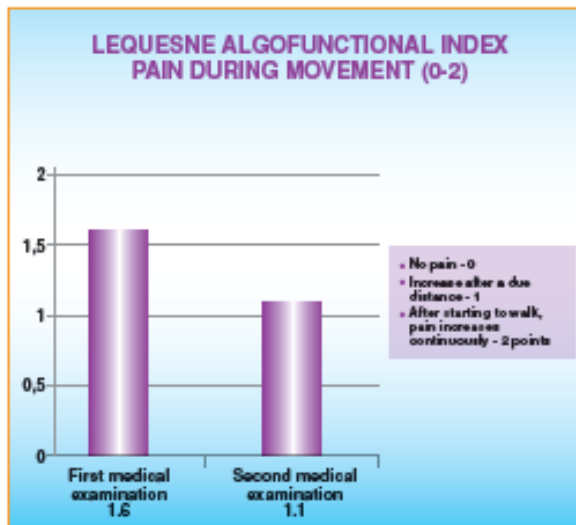


TAB. 9

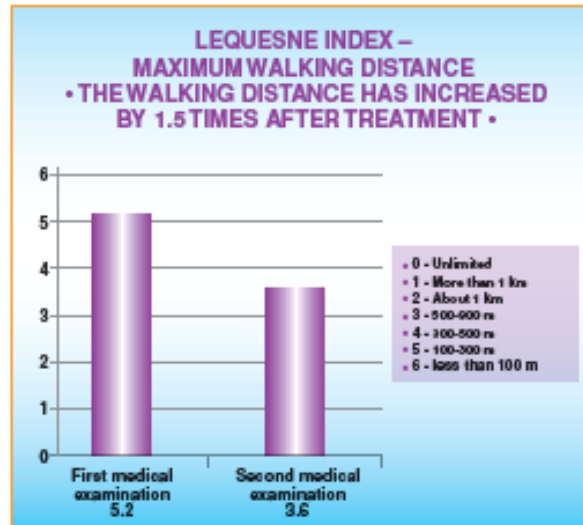


TAB. 10

TAB. 11



TAB. 12



Abstract from:

Milani L. THE COLLAGEN MEDICAL DEVICES IN THE LOCAL TREATMENT OF THE ALGIC ARTHRO-RHEUMOPATHIES – REVIEW OF THE CLINICAL STUDIES AND CLINICAL ASSESSMENTS 2010-2012. Physiological Regulating Medicine. 2013; 29-30.