Orthobiologics and Regenerative Medicine to Treat Lumbar Spine Pain

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Abstract

The increasing burden of musculoskeletal disorders combined with the high utilization of opiates and the relatively limited ability of traditional approaches to satisfactorily address many of the conditions that causes low back pain has spurred an increased interest in alternative treatments such as regenerative medicine therapies. Low back pain is critical health, social, and economic issue in modern societies. Evidence is growing to support the use of regenerative injection treatments. Regenerative injection-based therapy has established itself as a therapeutic option for the management of discogenic pain; facet pain; epidural injections and for sacroiliac joint pain. The results can be even better if we consider the concepts of biotensegrity of Steven Levin and the Hackett-Hemwall concepts. Our experience suggests that applications involving all structures, with the concept of biotensegrity and suggested points in classical Hacket-Hemwall prolotherapy are able to repeat the excellent results like those of Eduardo Anitua.

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