



3rd Annual Conference on

ORTHOPEDICS, RHEUMATOLOGY AND MUSCULOSKELETAL DISORDERS

November 27-28, 2023 | Dubai, UAE

TITLE: Comparison Of The Effectiveness Of The WALANT Method In Soft Tissue And Bone Tissue Surgeries In Lower Extremities

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ABSTRACT

Our aim in this study is to investigate the effect and comparison of WALANT technique on both bony and soft tissue procedures performed in the lower extremity.

Between 2021-2022 29 (9F, 20M) patients were included in the study. The patients were divided into two groups: lower extremity soft tissue surgeries in group A, lower extremity bone tissue surgeries in group B. Postoperative pain onset time, pain score, intraoperative bleeding, need for additional solution, use of cautery, the amount of bleeding in the surgical field were compared within groups. Visual analog scale (VAS) was used to evaluate pain during the surgery.

There were 10 (1 F, 9M) patients in group A and 19 (8 F, 11 M) patients in group B. There was no significant difference between the two groups in terms of age ($P=0.265$), gender (0.107) and side (0.700). There was no difference between the two groups in terms of intraoperative bleeding according to the surgeon's opinion ($P=0.701$). There was no difference between the two groups in the use of additional solution ($P=0.105$), cautery usage ($P=0.522$), pain onset time ($P=0.636$) and VAS scores ($P=0.735$).

WALANT technique is an effective and safe method in selected lower extremity surgeries. It is important to apply the technique correctly in order to prevent complications that may occur.

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Mode of Presentation: Oral.

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BIOGRAPHY (upto 200 words)

Baki Volkan ÇETİN has completed his orthopedic specialty from Harran University in 2017, TR. He is the member of orthopedics and traumatology department of Harran University, Şanlıurfa, TR. He has been serving as a member of Turkish Orthopedics and Traumatology Association and the Pediatric Orthopaedics Association.



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