

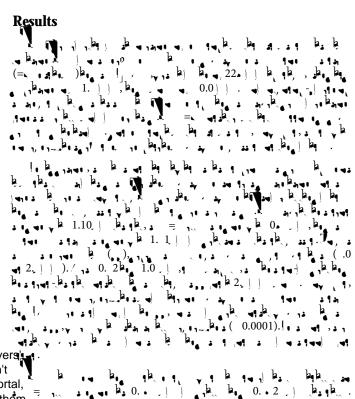
Ankle Arthroscopy Equates Harmful Neurovascular Structures

Danish K*

Department of Surgery, Centre of research, Iran

Abstract

Ankle joint pathology is increasingly being diagnosed and treated with arthroscopy. The anteromedial (AM), anterolateral (AL), posteromedial (PM), and posterolateral (PL) portals are the four most common ones for ankle æ!c@![&&[]^£\Œååici[}æ|\^£\&@^\ }^`|[çæ+&`|æ\i 'c*`&c*'^+\QEX\D\&c@æc\!`}\#|[}*\c@^\#\$\\|^\&&}\|^\ &&&} anatomical features. To determine safe zones for the scope's insertion, the NVS's distance from the ankle arthroscopic portals' anatomical landmarks was compared.26 fresh-frozen cadavers were used for the dissection, which included NVS and standard anatomical landmarks.Using a 2.7 mm arthroscope, the portals were made and checked.When attempting to quantify a scope space, the antero-medial and anterior-lateral portals had the largest margins of error, with 0.82 and 1.04 cm, respectively. With the exception of the peroneus tertius and the intermediate dorsal cutaneous nerve (IDCN), the average distance between the saphenous nerve and vein and the antero-medial portal was 1.23 &{ \U0^A&[{] & \u00ed * 0 }



At the four ankle arthroscopic portals, 26 fresh-frozen cadavers lower extremities were dissected. e Institutional Audit Board didn't have to support the utilization of cadaveric examples. At each portal, neurovascular structures were carefully dissected to reveal them without altering their original anatomical location. e anterior tendon

of the tibia was inserted into the medial gutter to create the AM portal corresponding author: Danish K, Department of Surgery, Centre of research, e AL portal was inserted into the lateral gutter lateral to the peroneusran E-mail: nishda@gmail.com

tertius tendon; the PM was inserted into the medial gutter lateral to the received: 15-Oct-2022, Manuscript No: crfa-22-80937, Editor assigned: 19-Oct-2022, Manuscript No: crfa-22-80937, Achilles tendon; and the PL were inserted into the medial gutter laterad22, PreQC No: crfa-22-80937 (PQ), Reviewed: 25-Oct-2022, QC No: crfa-22to the Achilles tendon. At the level of the ankle joint, the distance \$937, Revised: 28-Oct-2022, Manuscript No: crfa-22-80937 (R), Published: 31that separated each anatomical landmark from the neurovascular

structures were measured and recorded [7-9]. In addition, a lower legitation: Danish K (2022) Ankle Arthroscopy Equates Harmful Neurovascular degree of 2.7 mm was later added to guarantee the correct entrance clin Res Foot Ankle, 10: 375.

size and accuracy. In order to maintain consistency and blindness, twopyright: © 2022 Danish K. This is an open-access article distributed under the additional researchers completed and reviewed all measurements. terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and dissections were carried out by the same two researchers [10].

source are credited.

Page 2 of 2

 $= \begin{array}{c} = & 1 \\ = & 1$

Discussion

n have a set of the se

A<u>ck</u>nowledgement

Con ict of Interest

References

- Hyslop E, McInnes IB, Woodburn J, Turner DE (2010) Foot problems in psoriatic arthritis: high burden and low care provision. Ann Rheum Dis 69(5): 928-963.
- Chandratre P, Mallen C, Richardson J, Rome K, Bailey J, et al. (2012) Prospective observational cohort study of Health Related Quality of Life (HRQOL), chronic foot problems and their determinants in gout: a research protocol. BMC Musculoskeletal Disord 13(1): 219-254.
- Breen JD, Karchmer AW (1995) Staphylococcus aureus infections in diabetic patients. Infect Dis Clin North Am 9(1): 11-24.
- Lipsky BA, Berendt AR, Cornia PB, Pile JC, Peters EJ et al. (2012) 2012 Infectious Diseases Society of America clinical practice guideline for the diagnosis and treatment of diabetic foot infections. Clin Infect Dis 54(12): 132-173.
- R^ & [æc^ÅY RÉIPæłåi}*ÅSÕÅÇG€€HDÅDiabetic foot ulcers. Lancet 361(9368): 1545-1551.
- Pælbčc•æl[Å XÈÅ Õ¦[[]Å ÚPÅ (G€F1DÅ Epidemiology and risk factors for diabetic kidney disease. Adv Chronic Kidney Dis 21: 260-266.
- Jung CH, Son JW, Kang S, Kim WJ, Kim H, et al. (2021) Diabetes fact sheets in korea, 2020: An appraisal of current status. Diabetes Metab J 45: 1-10.
- La Li J, Shangguan H, Chen X, Ye X, Zhong B, et al. (2020) Advanced *|^&æti[)Å∧}åÅ]![ã`&th|^ç∩|•Å_^!^Å&[!!^|æt^åÅ, it®Åi}'æ { {æti[)Åæ}åÅ&æt[täåÅ atherosclerosis in type 2 diabetes patients. Open Life Sci 15: 364-372.
- Choi H, Koo D, Yim J (2022) Correlation of advanced glycation end products and heme oxygenase-1 in Korean diabetic patients. J Nutr Health 55: 348-358.