

Update On A Vascular Surgeons Impressions About The Devastating Ukraine War: What Is Happening With Major Vascular Injuries

Challenge of wartime vascular injury

• Prolonged tourniquet application • Large tissue defects/Polytrauma • Absence of venous conduit

Infection

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DISCLOSURES

X Ldo not have any potential conflict of interest

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• Prolonged	tourniquet application	



Challenge of wartime vascular injury











Study duration: April 2022 – January 2023

Inclusion/exclusion criteria

Inclusion criteria:

• upper or lower extremity vascular injury • indication for arterial reconstruction

Exclusion criteria:

- serious/unstable condition
- indications for amputation severe head injury



General characteristics (total=150)

- Vascular trauma was approximately 13 % of all injuries.
- The average age was 37±9.2 years
- The majority of cases were lower limb injuries 66%
- Upper limbs 34%
- The right limb was predominantly affected in 54%.
- Type of trauma or mechanism of injury in 73% was explosive and in 27% shrapnel wounds wound.









Conclusion

- Vascular trauma was approximately 13 % of all injuries
- The majority of cases were lower limb injuries 66%
- Venous graft was used in 65%
- Venous graft showed the best result during follow up

