

Pre-hospital use of the HemCon Bandage By Paramedics of Magen David Adom the Israeli national EMS system



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M.D.A Israel- 550 Ambulances

400 Regular Ambulances (BLS)

150 M.I.C.U (ALS)

1.500 Employees, 12.000 Volunteers

No of Cases (2006): 305.000 BLS, 163.000 ALS

No of Trauma Cases (2006): 60.000

Per Shift: 200 Ambulances (65 ALS)



This primary report includes eight cases.

The bandage was used mostly in young patients average age-30 years (range: 4-75 years), 5 males and 3 females.

The site of bleeding: skull-2, neck-1, groin-1, lower extremities-4

In three cases the bleeding was caused by penetrating injuries: gunshot wound, knife stab wound and wound caused by a shrapnel of a missile in the second Lebanon war .

Five blunt injuries were caused by: Road accidents-4, fall-1.

Three were arterial bleedings, four massive venous bleeding and one bleeding from a laceration of the skull.

Results:

In all eight cases the HemCon bandages were effective and provided control of the bleeding within 3-5 minutes.

In two cases conventional measures failed; the HemCon bandage stopped the bleeding in both cases.

Conclusions:

This primary report analyzes our limited experience in the use of the HemCon Bandage in the pre hospital trauma treatment.

This data indicates that the use of the HemCon bandage may be a use full tool to stop massive external bleedings by EMS teams.