

CLINICAL TRIALS OUTCOMES

C.E.C.T.[®] Protocol vs LMWH

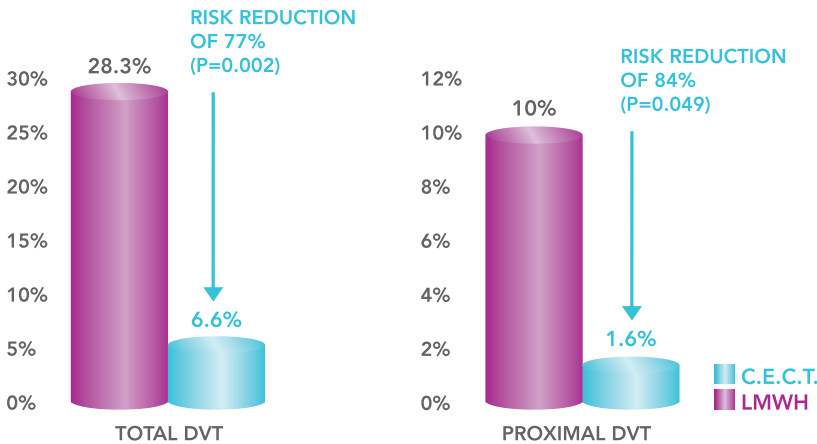
DVT prevention in Joint Arthroplasty patients.

Prospective, randomized, treatment controlled study.

P.I: Prof. Halperin N - Assaf- Harofe Medical Center- Israel

Results: Control group- LMWH: 60 patients, DVT: 28.3% (Venography)

Study group- C.E.C.T.[®] (+Aspirin): 61 patients, DVT: 6.6% (Venography)



Gelfer Y, Tavor H, Oron A, et al.,

Deep vein thrombosis prevention in joint arthroplasties:

continuous enhanced circulation therapy Vs low molecular weight heparin.

J Arthroplasty. 2006;21(2):206-214

C.E.C.T.[®] + LMWH vs IPC + LMWH

DVT prevention in Joint Arthroplasty patients.

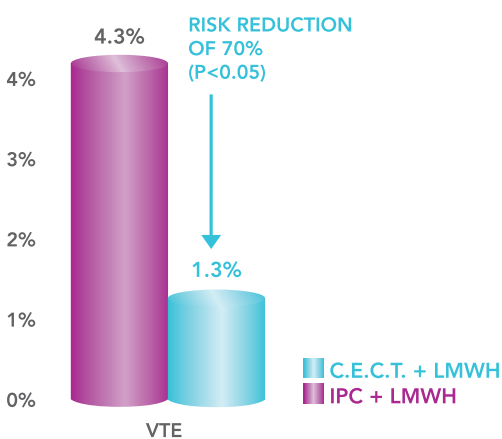
Non-randomized comparative (sequential) performance study.

P.I: Dr. Froimson M -Cleveland Clinic- Cleveland, Ohio, USA

Results: Control group- IPC+LMWH:

1354 patients, VTE: 4.3%, PE: 0.7% (9 Pt.)

Study group C.E.C.T.[®]+LMWH: 223 patients, VTE: 1.3%, PE: 0.0%



Froimson M, Murray T, and Fazekas A,

Venous Thromboembolic Disease Reduction with a Portable Pneumatic Compression Device.

J Arthroplasty. 2009; 24(2): 310-316

C.E.C.T.[®] + LMWH vs LMWH

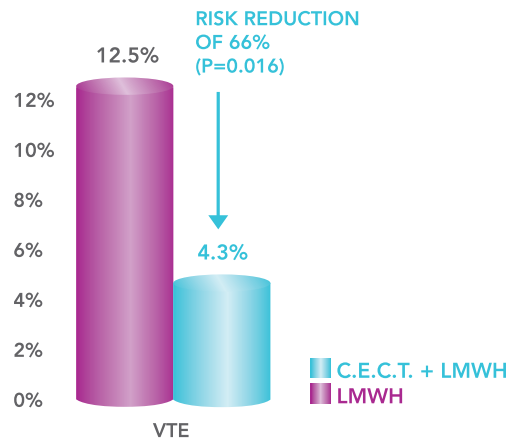
DVT prevention in Joint Arthroplasty patients.

Prospective, randomized, treatment controlled study.

P.I: Prof. Colwell CW -Scripps Clinic- La Jolla, California, USA

Results: Control group- LMWH: 136 patients, DVT: 12.5% (Duplex)

Study group- C.E.C.T.[®]: 141 patients, DVT: 4.3% (Duplex)



Edwards JZ, Pulido PA, Ezzet KA, et al.,

Portable Compression Device and Low-Molecular-Weight Heparin Compared With Low-Molecular-Weight Heparin for Thromboprophylaxis After Total Joint Arthroplasty.

Arthroplasty. 2008; 23(8): 1122-1127

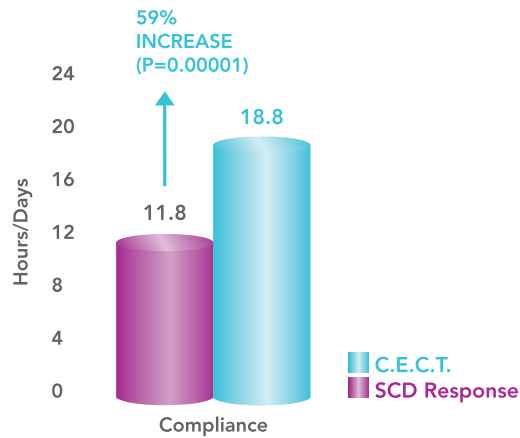
Compliance

Compliance in Gynecology Patients

Comparison between C.E.C.T.® and standard IPC

P.I: Prof. Killewich LA – UTMB – Galveston, Texas, USA

Results: More than 7 hr. difference in daily treatment (59%)



Kahn M, Lord C, Murakami M, et al.,

Deep venous thrombosis prophylaxis in gynecologic surgery: improved compliance with a novel miniaturized pneumatic compression device.

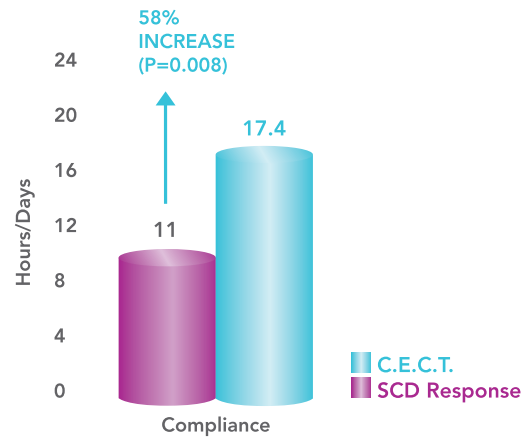
J of Pelvic Med Surg. 2003; 9(suppl 1):S6.

Compliance in Trauma Patients

Comparison between C.E.C.T.® and standard IPC

P.I: Prof. Killewich LA – UTMB – Galveston, Texas, USA

Results: More than 6 hr. difference in daily treatment at trauma (58%)



Murakami M, McDill TL, Cindrick-Pounds L, et al.,

Deep venous thrombosis prophylaxis in trauma: improved compliance with a novel miniaturized pneumatic compression device.

J Vasc Surg 2003; 38: 923-927

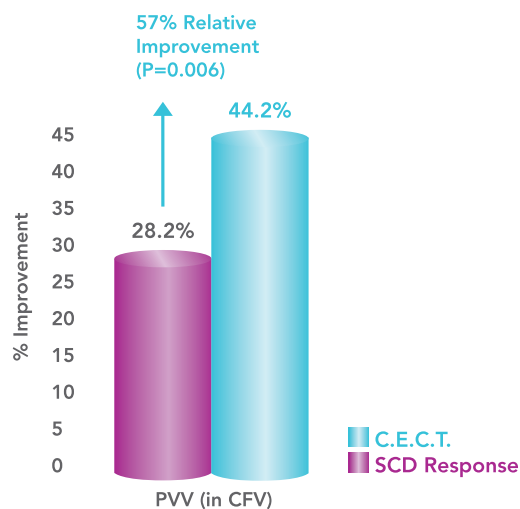
Hemodynamic profile

Compliance in Trauma Patients

Comparison between C.E.C.T.® and standard IPC

P.I: Prof. Killewich LA – UTMB – Galveston, Texas USA

Results: 57% Relative improvement in Peak venous velocity with Calf sleeves when C.E.C.T.® was used



Murakami M, McDill TL, Cindrick-Pounds L, et al.,

Deep venous thrombosis prophylaxis in trauma: improved compliance with a novel miniaturized pneumatic compression device.

J Vasc Surg 2003; 38: 923-927