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**The Ransart Boot. An offloading device for every type of Diabetic Foot Ulcer (DFU)?**

I. Dumont\*, E. Fernandez\*, D.Tsirtikolou~, M. Lepage~, S. Popielarz<sup>n</sup>, A. Fayard<sup>♦</sup>, M. Lepeut<sup>°</sup>.

\*Centre du Pied, Ransart, Belgique, ~CHG de Boulogne sur mer, <sup>n</sup> CHRU de Lille, <sup>♦</sup> CH de Arras, <sup>°</sup> CH de Roubaix, France.

**Background:** 1) Diabetic neuropathic FU heal when offloaded. 2) The TUC (Texas University Classification) validation correlated the different (DFU)'s classes with the amputation rate. 3) The Ransart boot (RB) is a small, light and removable windowed cast allowing normal daily activities. **Aims of the study:** To evaluate the efficacy and safety of the RB in the treatment of DFU Class A1 (TUC). As well as in the treatment of DFU whatever their Class (TUC). **Materials and methods:** This open, retrospective and multicentric study included 109 diabetic patients (type I and II). DF ulcer Class A1 to D3 of the TUC treated by RB. Ulcer presentation: forefoot: 61; rear foot: 6; midfoot: 14. Results were compared with Armstrong's one while excluding grade 0 which does not need offloading. **Results:** Comparison of the amputation rate (AR). Healing time (days) of our cohort:

		1	2	3	
A	% US / % EU Failure EU Healing time	0/ 4,3 % 1/23 40,8+/-14,2	0/ 0 % 0/7 78,7+/- 26,5	0/ 0 % 0/1 120	82 patients were left. Good correlation in the 2 groups distribution and in AR which favors RB in class B3 p<0,0001. Healing time for class A1 same as with TCC. For other classes except B1 and C1 (similar results) data are missing for comparison.
B	% US / % EU Failure EU Healing time	8,5/ 0 % 0/7 44,7+/-14,5	28,4/16,6 % 2/12 87+/-33,4	92/47 % 8/17 136,6+/-76,4	
C	% US / % EU Failure EU Healing time	21/33,3 % 2/6 115,2+/-37,4	25/ 0 % 0/3 120,3+/-56,6	100/ 100 % 1/1 NA	
D	% US / % EU Failure EU Healing time	50/ 0 % 0/0      NA	100/ 100 % 1/1 NA	100/ 75 % 3/4 295	

No serious complications were recorded.

**Conclusions:** The AR is similar and even favors the RB in class B3. Healing time for A1 matches perfectly with those with TCC, for other classes when comparison is possible ( class B1 and C1) the results are similar. We did not recall serious complications.11% of patients were non compliant. The RB can be used to offload with efficacy and safety every ulcer even with infection and/or ischemia as well as Charcot foot.