

ESTIM IN TREATMENT OF PAIN IN LEG ULCERS. A CASE SERIES OBSERVATION

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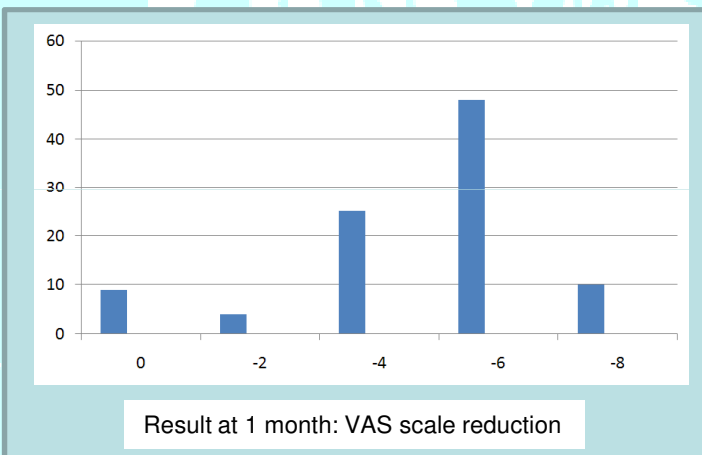
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AIM evaluate of clinical result in the treatment of pain in leg ulcer, different etiology, with electrical stimulation with a balanced asymmetric pattern

Material and Methods E.stim is normally employed as adjuvant treatment in painful ulcers in our center. A case series observation on 100 patients was analyzed a posteriori on the clinical record. Pain was evaluated with the VAS scale, at time 0, 10 and at 1 month (± 3 days). Inclusion criteria was pts with pain that affected the normal QoL and activity, (minimum VAS 4). At admission the Pts received a treatment twice a day for 1/2 our for a period of 10 days (or 20 session). Contraindication was defined as normal for Estim

Results only 2 Pts don't complete the treatment for an increase of the pain (2%). A reduction of pain lower than 2 point on the VAS was considered a failure in the treatment (13 %). Positive result occurred in 85%. The evaluation was performed on 98 cases, the median of VAS at admission was 7,42; at time 10 (end of treatment was 3,11; at 1 month was 3,48..

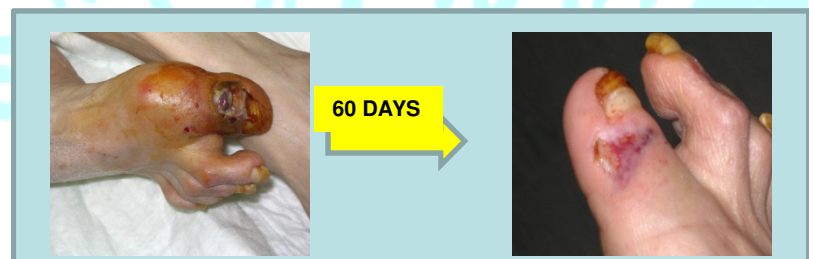


N. PTs	100
Male	41
Female	59
Age	76.4
RANGE	45 - 94

Tab 1: population

Improved	unvariated	Increased
85	13	2

Tab 2: pain reduction at 1 month



Conclusions

We considered the result as a good performance of the device. Also healing of ulcer was increased and amputation rate, compared to an historical cases was reduced. On this bases a double blind study was defined and it is started in 2010 and the result will be evaluate in 2012.