**Supplement 1 CONSORT Flow Diagram**

## Enrollment

## Analysis

## Allocation

Assessed for eligibility (n= 154)

Excluded (n= 58)

* pilot patient (n= 1)
* not meeting inclusion criteria (diagnoses; n= 20)
* not meeting inclusion criteria (back pain < 3; n= 8)
* declined to participate (n=29)

Allocated to NH
(n= 24)

* Received allocated waiting time: n= 17
* Did not receive allocated waiting time
n= 1 failed to appear to the experiment
n= 3 declined after allocation to the NH
n= 3 declined after day 1 of the experiment

N= 17

Allocated to PLAC
(n= 24)

* Received allocated intervention: n= 20
* Did not receive allocated intervention / dropped out
n=1 due to personal reason n= 2 due to side-effects after 1st infusion

n= 1 due to intolerance to the electrical impulse

N= 20

Analysed (n= 17)

* Excluded from analysis (n= 3 due to back pain rating at assessment < 3)

Analysed (n= 21)

 Excluded from analysis
(n= 3 due to back pain rating at assessment < 3)

Analysed (n= 14)

 Excluded from analysis
(n= 3 due to back pain rating at assessment < 3)

Analysed (n= 21)

 Excluded from analysis
(n= 3 due to back pain rating at assessment < 3)

Allocated to NOC
(n= 24)

* Received allocated intervention: n= 24
* Did not receive allocated intervention
 n= 0

N= 24

Allocated to EXP
(n= 24)

* Received allocated
intervention: n= 24
* Did not receive allocated intervention
 n= 0

N= 24

Randomized (n=96)