Dorsal genital nerve stimulation in patients with faecal incontinence and urgency #720

- a feasibility study with the novel UCon neurostimulator

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BACKGROUND

- Patients with faecal incontinence/urgency experience reduced quality of life
- Electrical nerve stimulation is an effective treatment (sacral neuromodulation)
- UCon dorsal genital nerve stimulation is non-invasive

Investigate **safety** and evaluate **efficacy** of the novel UCon neurostimulator

METHOD

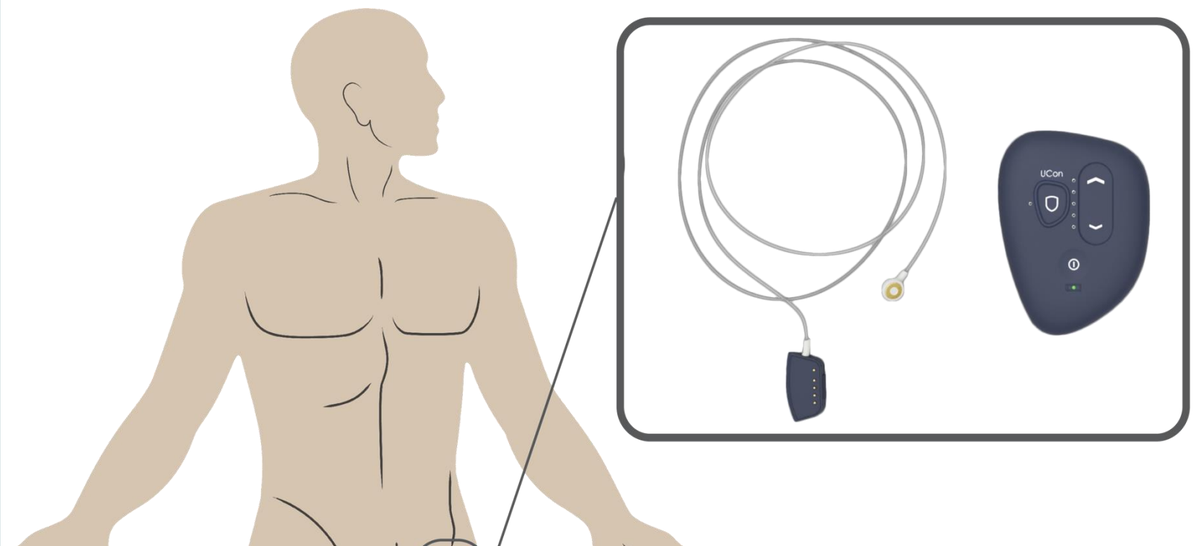
1st Visit — **INCLUSION**
n = 40 → consented
n = 34 → included

At home — **BASELINE**
14-days bowel diary
Quality of life questionnaires

2nd Visit — **UCON INTRODUCTION**
ON-demand/Urge
Time-limited

At home — **INTERVENTION**
4 weeks stimulation

n = 26 — **EVALUATION**
Adverse events
Bowel diary last two weeks
Quality of life questionnaires



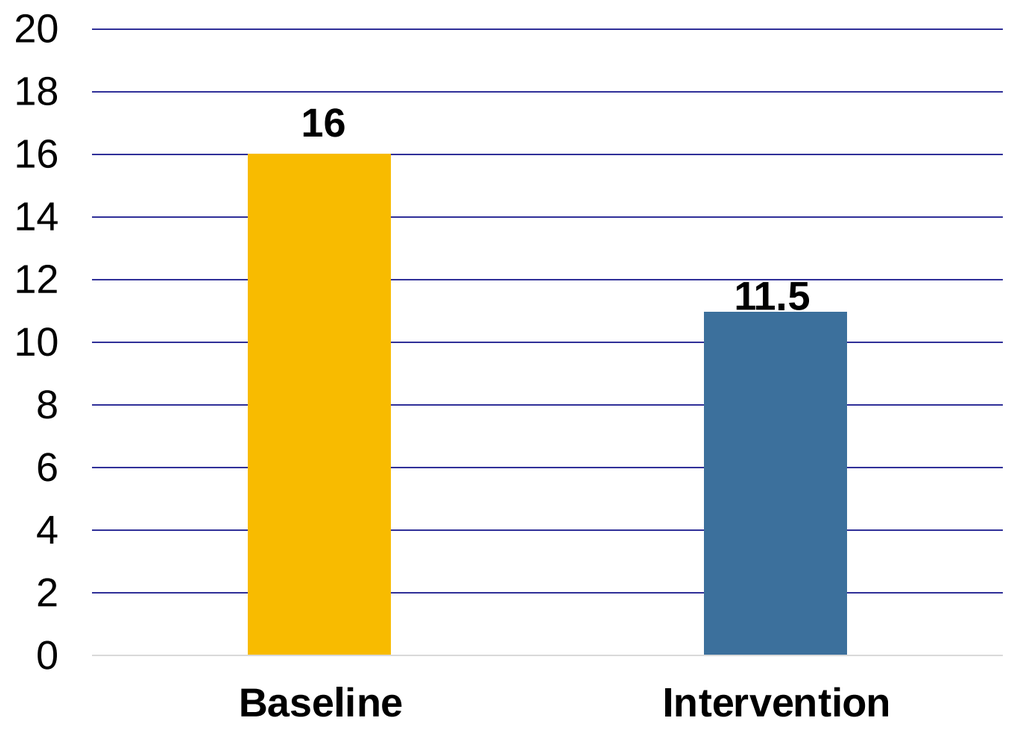
RESULTS

Feasibility
No serious adverse device related events
Completion rate = 76,5%

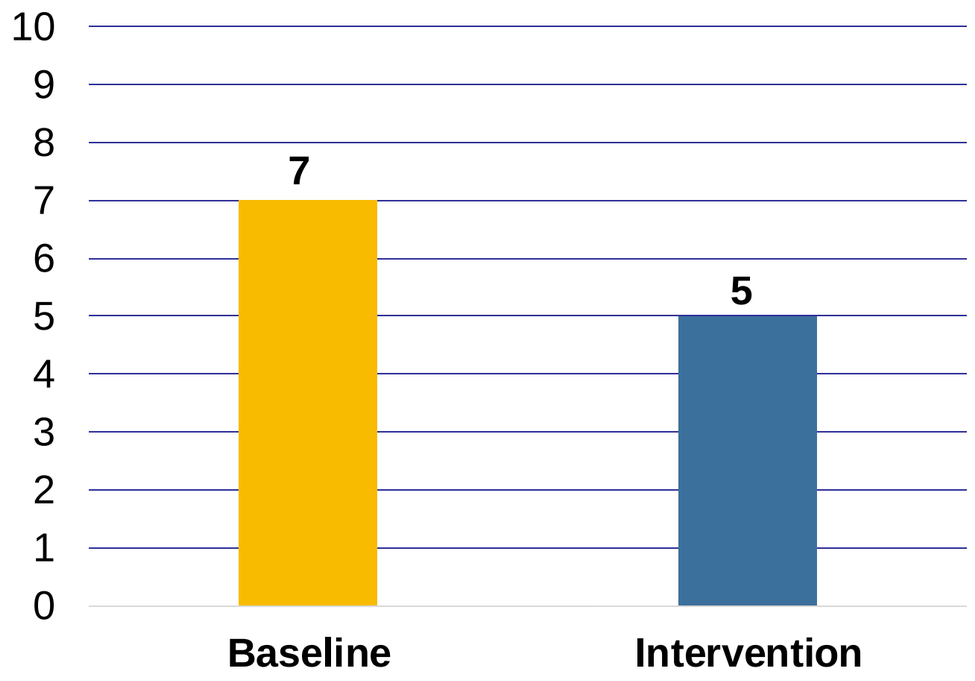
Faecal incontinence
75% experienced ≥50% reduction

Strong faecal urgency
40% experienced ≥50% reduction

St Mark's Incontinence Score
median



Visual analogue scale impact on daily life
median, 0 = low, 10 = high



CONCLUSION

Dorsal genital nerve stimulation with UCon neurostimulator:

✓ **Feasible and safe**
- no serious adverse events

✓ **Significant clinical results**
- promising potential in the treatment of faecal incontinence/urgency