Introduction

✓ Functional disorders of the pelvic organs and LUTS => Highly prevalent in primary care practice.
✓ Need for awareness about therapeutic options for refractory cases among primary care practitioners (PCP) for optimization of care and extend the patient supporting care network.

Methods and Materials

✓ Prospective explorative pilot study
✓ Distribution of a 22 item Dutch questionnaire between February and March 2019
• By online invitation to GP's in Flanders
✓ Statistics:
  - Bivariate analysis
  - Multilinear logistic regression
  - Fisher’s exact

Results

Table 1. Demographics.

<table>
<thead>
<tr>
<th>Profession</th>
<th>% (n)</th>
<th>Mean (SD)</th>
<th>Median (IQR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General practitioner</td>
<td>58.2%</td>
<td>41.8 (23)</td>
<td>36.9 (14)</td>
</tr>
<tr>
<td>Trainee</td>
<td>41.8%</td>
<td>73.5 (36)</td>
<td>31 (26-50)</td>
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</tbody>
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Age (years)
< 45 years: 73.5 (36)
> 45 years: 26.5 (13)
Duration of career (years)
< 45 years: 11.3 (14.39)
> 45 years: 4 (1.5 -22)

Table 2. Correlation factors for having knowledge.

<table>
<thead>
<tr>
<th>PTNS</th>
<th>BTX</th>
<th>SNM</th>
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<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
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** Bivariate analysis
- Pearson correlation
- Multilinear logistic regression

"Indications of SNM?"

- Urinary incontinence: known indication by 40%
- Fecal incontinence: known by 23.6%
- No idea of the indications of SNM: 14%
- 96% willing to learn more about 2nd line therapies for LUTS to provide information to their patients.

Discussion

✓ BTX –injections: Most known therapy among PCP.
✓ PTNS only known by 6% of the PCP.
✓ Correlating factors about having knowledge; only for SNM.
  ✓ Being a trainee ~14x more likely to know SNM therapy.
  - Relatively 'new' therapy
  - Recent graduation from university
✓ Directing educational interventions on general practitioners in terms of SNM therapy.

Conclusions

✓ Low awareness of the existence of PTNS among GPs & trainees.
✓ Awareness about SNM greater in trainees than in GPs.
✓ Indications of SNM are poorly recognized: < ¼ of the PCP knows SNM can be a therapy for fecal incontinence.
✓ Majority of PCP willing to learn more about 2nd line therapies.
✓ Future needs:
  - Educational campaigns to upgrade the general knowledge of GP's and trainees.

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