Patients where main reason for referral in letter was constipation and/or soiling n=220 during 7 month period from Apr-Oct 2009

**Not eligible**
- non-GP referrals n=46
- Second Opinion n=1

**Eligible** n= 173

- **Intervention clusters**
  - 5 clusters, 75 patients
  - Received any intervention i.e. attended at least 1 appointment
    - Yes 58(77%)
    - No 12(16%)
  - 5 cancelled as better

- **Control clusters**
  - 7 clusters, 98 patients
  - Yes 80(82%)
  - No 17(18%)

- 1 cancelled as better

- Telephone follow-up outcome available after 16+ weeks
  - 45(60%)
  - 58(59%)

**Outcome after 16 weeks**

- **Constipation**
  - 1<sup>o</sup> < 3 stools per week (ITT)
    - 3/45(7%) 8/58(14%) p>0.2
  - 2<sup>o</sup> Stools block toilet (ITT)
    - 2/45(4%) 15/58(26%)
  - 2<sup>o</sup> Pain on defecation (ITT)
    - 10/45(22%) 26/58(45%) 0.2>p>0.1
  - 2<sup>o</sup> Withholding (ITT)
    - 13/45(29%) 17/58(29%)
  - 2<sup>o</sup> Still on medication (PP)
    - 32/35(91%) 33/50(66%)
  - 2<sup>o</sup> Still on Movicol (PP)
    - 27/35(77%) 22/50(44%)
  - 2<sup>o</sup> Better than before (PP)
    - 23/35(66%) 38/50(77%)

- **Soiling - children 4 years+**
  - 1<sup>o</sup> Accident in last week(ITT)
    - 8/23(35%) 11/29(38%)

- **Parental satisfaction**
  - C11 1.63 C1 1.82
  - Mean for each cluster C12 1.97 C1 1.42
  - C13 1.92 C18 2.33
  - C14 2.04 C19 1.92
  - C15 1.65 C110 2.32

  - mean 1.84, sd 0.45
  - mean 1.92, sd 0.34

  - Two sample t-test t=0.34 p>0.2

1<sup>o</sup> = primary outcomes 2<sup>o</sup> = secondary outcomes

ITT = Intention to treat analysis  PP = Per protocol analysis