Supplementary Table 1. Individual Bias Risk for Randomized Controlled Trials

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| **Study** | **Sequence generation** | **Allocation concealment** | **Blinding of participants and personnel** | **Blinding of outcome** | **Incomplete outcome data** | | **Selective outcome reporting** | **Other sources of bias** | **Level of bias** |
| **LINACLOTIDE** |  |  |  |  |  |  | |  |  |
| Lembo, 201012 | Yes | Yes | Yes | Low | No | No | | No | Low |
| Lembo, 201114 | Yes | Yes | Yes | No | No | No | | No | Low |
| Lembo, 201114 | No | No | No | Yes | No | No | | No | Low |
| Lacy, 201536 | Yes | Yes | Yes | No | No | No | | No | Low |
| Schoenfeld15 | Yes | Yes | Yes | Yes | No | No | | No | Low |
| **PRUCALOPRIDE** |  |  |  |  |  |  | |  |  |
| Camilleri, 200822 | Yes | Yes | Yes | No | Yes | No | | No | Low |
| Tack, 200827 | Yes | Yes | Yes | No | Yes | No | | No | Unclear |
| Quigley, 200926 | Yes | Yes | Yes | No | Yes | No | | No | Low |
| Mueller-Lissner, 201024 | Yes | Yes | Yes | No | Yes | No | | No | Low |
| Ke, 201223 | Yes | Yes | Yes | No | Yes | No | | No | Low |
| Piessevaux, 201525 | Yes | Yes | Yes | No | Yes | No | | Unclear – possible dose differential in elderly | Unclear |
| Yiannakou, 201528 | Yes | Yes | Yes | Unclear | Yes | No | | No | Unclear |
| **TEGASEROD** |  |  |  |  |  |  | |  |  |
| Johanson, 200431 | No | No | No | Yes | No | No | | No | Low |
| Kamm, 200532 | No | Yes | No | Yes | No | No | | No | Low |
| Chan, 200734 | No | No | No | Yes | No | No | | No | Low |
| Fried, 200720 | No | No | No | Yes | No | No | | No | Low |
| Lin, 200733 | No | No | No | Yes | No | No | | No | Low |
| **OTHER** |  |  |  |  |  |  | |  |  |
| **BISACODYL** | No | Yes | No | Yes | No | No | | No | Low |
| Kamm, 201119 |  |  |  |  |  |  | |  |  |
| **A3309/ELOBIXIBAT** |  |  |  |  |  |  | |  |  |
| Chey, 2011**38** | Yes | Yes | Yes | No | Yes | No | | No | Low |
| **HEMP SEED PILL** |  |  |  |  |  |  | |  |  |
| Cheng, 201137 | Yes | Yes | Yes | No | Yes | No | | No | Medium |
| **ISOMATIC POLYETHYLENE GLYCOL ELECTROLYTE SOLUTION** |  |  |  |  |  |  | |  |  |
| Corazziari, 199620 | Yes | Yes |  | No | Yes | No | | Yes, small sample size (n=23) | Low |
| **SODIUM PICOSULFATE** |  |  |  |  |  |  | |  |  |
| Mueller-Lissner, 201029 | Yes | No | No | Yes | No | No | | No | Low |
| **VELUSETRAG** |  |  |  |  |  |  | |  |  |
| Goldberg, 201035 | Low | Unclear | Low | Yes | Low | Unclear | | No | Low |
| **PLECANATIDE** |  |  |  |  |  |  | |  |  |
| Miner, 201713 | Yes | No | No | No | Yes | No | | No | Low |