Appendix 1: Search terms and criteria

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|  | **Search** |
| #1 | obesity[tiab] OR obese[tiab] OR overweight[tiab] OR “over weight”[tiab] OR “weight loss”[tiab] OR “weightloss”[tiab] OR “bariatric surgery”[tiab] OR “roux en y”[tiab] OR “gastric sleeve”[tiab] OR lap-band[tiab] OR “gastric bypass”[tiab] OR “gastric band”[tiab] OR “weight reduction”[tiab] NOT medline[sb] |
| #2 | “body mass index”[mesh] OR “overweight”[mesh] OR “weight loss”[mesh] OR “bariatric surgery”[mesh] OR “anti-obesity agents”[mesh] OR “weight reduction programs”[mesh] OR “diet, reducing”[mesh] a, b, c |
| #3 | #1 OR #2 |
| #4 | (“urinary urgency”[tiab] OR “urinary frequency”[tiab] OR “urinary leak\*”[tiab] OR nocturia[tiab] OR “overactive bladder”[tiab] OR “OAB”[tiab] OR incontinen\*[tiab] OR “urgency-frequency”[tiab] OR “voiding symptoms”[tiab] OR “bladder diary”[tiab] OR “urodynamic”[tiab] OR “urinary distress”[tiab]) NOT medline[sb] |
| #5 | “urinary incontinence”[mesh] OR “nocturia”[mesh] OR “urinary bladder, overactive”[mesh] OR “urination disorders”[mesh] d, e |
| #6 | #4 OR #5 |
| #7 | #3 AND #6 |

Cochrane Library

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|  | Search including word variations |  |
| #1 | urinary or incontinence:ti,ab,kw AND "bariatric surgery" or obesity or obese or overweight or "weight loss" or BMI or weightloss or "over weight" | 1011 |

Results: 74 (Cochrane reviews); 6 (other reviews); 924 (trials)

* PubMed: 2217
* Cochrane: 927 (84 duplicates excluded)
* Total: 3144
* Limited to 1990-2015 and English: 2628